



# **GLOBAL CAPITAL PROCUREMENT PARTNERS**

## **Compilation of Renewable & Utility Companies Worldwide**

Prepared by Brad Kempo Esq.  
September 2021

## Prospective GCPP Clients<sup>1</sup>

### Norway<sup>2</sup>

Equinor

irpost@equinor.com

+47 51990000

broad energy company with 21,000 colleagues committed to developing oil, gas, wind and solar energy in more than 30 countries worldwide

\$45.8 billion (2020)

Arendals Fossekompani

Lars Peder Fensli, CFO

lars.peder.fensli@arendalsfoss.no

+47 953 63 670?????

more than 2,100 employees in 26 countries; principal business is production and sale of electric energy from its 3 hydroelectric powerplants

\$36.7 billion in 2020 (NOK 3673 million)

### NORWEP

Sjur E. Bratland, Managing Director

sjur.bratland@norwep.com

+47 909 25 471

Presence in 58 countries; objective: to support and assist in the internationalisation of the Norwegian energy industry. NORWEP is acting as a catalyst for processes between Norwegian industry and international businesses and governments.

target: reach \$23 billion (200 bill NOK) in revenue by 2030

Agder Energi AS

+47 38 607 000

Electric power generation, transmission and distribution; 37 employees; 126 companies in the corporate family

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<sup>1</sup> The vast majority of the companies cited in this compilation and on which research was conducted are posted on the Dunn & Bradstreet website - the U.S. leader in business data collection: [Link](#).

<sup>2</sup> In September 2021 the NOK was 0.12 vs. the USD - for the purpose of this compilation the currency conversion will be 10%.

\$219.07 million (2020)

no d&b website; searched and found Agder Energi ...v...

Pernille K. Gulowsen, Chief Finance & Risk Management Officer

pergul@ae.no

+47 991 57 975

supplies clean energy to society and is actively involved in developing the renewable energy solutions of the future

...V...<sup>3</sup>

Agder Energi

Pernille K. Gulowsen, Executive VP, Finance

Pergul@ae.no

+47 991 57 975

\$1 billion in 2020 (NOK 9.382 million)

Lyse AS

+47 51 908 000

Eirik Børve Monsen, Executive Vice President, Finance, Christian Balchen, CFO, Hans Wilhelm Vedøy, CFO energy and Solveig Gjerde Hjelle, CFO electricity network

Electric power generation, transmission and distribution; With over 100 years of hydropower history, the group is among the country's largest producers of renewable hydropower; 1,300 employees; 70 companies in the corporate family

\$1.01 billion (2020)

Norsk Hydro ASA

+47 22 53 81 00

Line Haugetraa, Head of Investor Relations

+47 414 06 376 (c)

Line.Haugetraa@hydro.com

Christopher Minora, Investor Relations Officer

+47 90 69 51 31 (c)

Christopher.Minora@hydro.com

\$6.051 billion in 2020 (NOK 6,051 million)

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<sup>3</sup> This denotes the company is a subsidiary of or affiliated with the one above it.

Statkraft SF

+47 24 06 70 00

Anne Harris, Executive Vice President of Finance

Investor Relations

Stephan Skaane, Funding manager

+47 905 13 652

stephan.skaane@statkraft.com

Tron Ringstad, Vice President Treasury

+47 992 93 670

tron.ringstad@statkraft.com

Arild Ratikainen, Senior Financial Advisor

+47 971 74 132

Arild.Ratikainen@statkraft.com

a leading international company in hydropower and Europe's largest supplier of renewable energy. The group produces hydropower, wind power, solar power and gas power and supplies district heating. Statkraft is a global market player in energy trading and has 4,600 employees in 18 countries; 370 companies in the corporate family

\$4.25 billion (2020)

...V...

Statkraft Energi AS

+47 24 067 000

Anne Harris, Chief Financial Officer

Electric power generation, transmission and distribution; 1,087 employees; 370 companies in the corporate family

\$1.68 billion (2020)

...V...

Statkraft

Tron Ringstad, Vice President Treasury

+47 992 93 670

tron.ringstad@statkraft.com

Europe's largest generator of renewable energy. We produce hydropower, wind power and solar power and are a global company in energy market

\$5.56 billion in 2018 (55.6 billion NOK)

Statnett Sf

+47 23 903 000

Petter Erevik Director of Finance

+47 952 82 840

petter.erevik@statnett.no

Electric power generation, transmission and distribution; Statnett is the system operator of the Norwegian power system, owning and operating the transmission grid; 1743 employees; 50 companies in the corporate family  
\$1.19 billion (2020)

Hydro Formates (Hydro Energi AS - d&b)

+47 22 538 100

Line Haugetraa, Head of Investor Relations

+47 414 06 376 (c)

Line.Haugetraa@hydro.com

Christopher Minora, Investor Relations Officer

+47 90 69 51 31 (c)

Christopher.Minora@hydro.com

Electric power generation, transmission and distribution + batteries business unit + establishing a separate hydrogen company to take a leading role as a developer and operator in the hydrogen sector, switching from gas to hydrogen at several of our own sites as well as developing and serving the external market - Our new hydrogen business will leverage Hydro's large global footprint of industrial assets and Hydro's world leading position in sourcing renewable power. We have a large hydrogen potential in industrial heating in our portfolio; 260 employees; 379 companies in the corporate family  
\$1.56 billion (2020)

Biosystem AB

reza.hezari@inrigo.no

+47 412 38 000

+47 909 77 446

\$4.797 billion

Elkem Solar

Investor contact

Odd-Geir Lyngstad, VP Finance & Investor Relations

+47 976 72 806

geir.ausland@elkem.no

\$2.740 billion USD

Eidsiva Energi AS

New Projects Contact

Terje Ruud Karlsen, Hamar, Brumunddal, Elverum, Kongsvinger  
91392640

Terje.Ruud.Karlsen@eidsiva.no

Einar Hoff, Gjøvik, Lena, Lillehammer, Moelv, Trysil  
95981632

Einar.Hoff@eidsiva.no

Electric power generation, transmission and distribution; Norway's third largest district heating supplier, and annually delivers over 400 GWh of district heating, steam and biopower to our customers; 71 employees; . There are 51 companies in the corporate family  
\$911.10 million (2020)

Elvia AS

No Management, no IR, so Press contacts

Morten Schau, Communications Manager

900 94 222

morten.schau@elvia.no

Electric power generation, transmission and distribution; 822 employees; 51 companies in the corporate family  
\$792.12 million (2020)

Scatec ASA

+47 48 08 55 00

post@scatec.com

Andreas Austrell, VP Investor Relations

IR Contact: Mikkel Tørud, Chief Financial Officer

+47 976 99 144

ir@scatec.com

Electric power generation, transmission and distribution - We develop, build, own and operate renewable power plants globally: Europe, South America, Latin America, Southeast Asia, India, Mid-Asia, Middle East and Africa; 128 employees; 53 companies in the corporate family  
\$284 million (2020)

REC Solar Pte. Ltd.

+65 6495 9228 Singapore (Operational HQ; HQ in Norway, REC Solar Holdings AS)

<http://www2.recgroup.com/l/547502/2021-03-23/3tkxhz><sup>4</sup>

locations around the world

growing from a pioneer in the solar industry, to a world leader.

\$647 million

BKK AS

+47 55 127 000

kundepostnett@bkk.no

Electric power generation, transmission and distribution; 197 employees; 73 companies in the corporate family

\$503.84 million (2020)

Fjordkraft Holding ASA

No management, no IR, so Press

Jon Eikeland

jon.eikeland@fjordkraft.no

+47 452 43 496 (c)

consultant Frode Fjellstad

frode.fjellstad@fjordkraft.no

+47 412 52 492 (c)

Electric power generation, transmission and distribution - a national electricity supplier that delivers electricity every day to the thousands of homes and to large and small workplaces in the private and public sector; 24 companies in the corporate family

\$465.18 million (2020)

Arendals Fossekompani ASA

+47 37 234 400

website no accessible

Electric power generation, transmission and distribution - 3 hydroelectric powerplants; a green-tech investment company that owns energy- and technology-related companies which enable the transition to a green economy; 129 companies in the corporate family

\$399.27 million (2020)

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<sup>4</sup>These are links to website contact forms.

Fjordkraft AS

+47 23 006 100

Electric power generation, transmission and distribution + e-mobility (a discount for having one) and complete charging solution; 388 employees; 24 companies in the corporate family

\$366.98 million (2020)

Hafslund Eco AS

+47 22 182 903

website not available

Electric power generation, transmission and distribution; 1,700 companies in the corporate family

\$352.96 million (2020)

Elkraft Aksjeselskap

+47 67 970 805

kundeservice@elkraft.no

Electric power generation, transmission and distribution; . There are 34 companies in the corporate family

\$311.65 million (2020)

Hexagon Purus ASA

Hiva Ghiri, Vice President Investor Relations

+47 958 66 790

ir@hexagongroup.com

hiva.ghiri@hexagongroup.com

Our hydrogen solutions enable storage, transport and conversion to clean energy in a wide range of mobility, industrial and consumer applications.

\$303 million (2021)

Nord-trøndelag Elektrisitetsverk AS

+47 74 150 200

Electric power generation, transmission and distribution, including solar cells; 81 employees; 42 companies in the corporate family

\$245.2 million (2020)

SINTEF

+47 40 003 730

info@mk@sintef.no

Eli Aamot, Executive Vice President

952 71 607

Eli.Aamot@sintef.no

The institute performs research and development, advanced consultancy and laboratory services

\$242.03 million (2020)

Nel ASA

info@nelhydrogen.com

+47 23 24 89 50

Investor Relations: IR@nelhydrogen.com

<https://nelhydrogen.com/contact>

also in the USA, Denmark, South Korea and China

\$250 million (2020)

Lyse Produksjon AS

51 90 80 90

Electric power generation, transmission and distribution, including hydropower, electric car chargers and solar cells; 70 companies in the corporate family

\$238.41 million (2020)

Tensio AS

Dina Elverum Aune, Chief Financial Officer

dina.aune@tensio.no

Electric power generation, transmission and distribution; 25 companies in the corporate family

\$233.80 million (2020)

Hafslund Eco Vannkraft AS

+47 24 116 500

website not available

Electric power generation, transmission and distribution; the second largest producer of electricity in Norway - The Group's core activity is to produce

clean, renewable energy and deliver smart electrification solutions; 449 employees; 1,700 companies in the corporate family  
\$211.21 million (2020)

Haugaland Kraft AS  
+47 52 707 000

main activities are production, transmission and sales of electric power, as well as development / operation of fiber networks; 86 employees; 45 companies in the corporate family  
\$189.69 million (2020)

...V...

Finnås Kraftlag SA (owns Haugaland Kraft AS)  
53 42 89 00; firmapost@finnas-kraftlag.no

SØK AS (owns Haugaland Kraft AS)  
Gunnar Dalen  
922 12 656  
post@sok.no

...V...

Fitjar Kraftlag SA (owns Haugaland Kraft AS)  
Agnar Aarskog, Chairman  
witchboard: 53 45 76 00  
post@fitjar-kraftlag.no  
<https://www.fitjar-kraftlag.no/kontaktinformasjon>  
invests in renewable energy!

We have our own hydropower production in 2 small power plants, Årskog power station and Rimbareid power station; the normal production of these is over 5 GWh

Entelios AS  
+47 38 60 77 77  
contact.nordic@entelios.com

Electric power generation, transmission and distribution - provide clean energy, expertise and technology that enables industries, companies and the

public sector to become a driving force in the transition to a renewable and sustainable future; We are specialists within energy management and trading, in an industry where renewable electricity and flexibility from sources such as wind, solar and hydro power are replacing fossil fuels at a rapid pace; offices in nine European cities; from January 1st, 2021 the company will manage the global renewable energy group RWE's renewable energy production in the Nordic region; 126 companies in the corporate family  
\$189.02 million (2020)

Fortum Strøm AS  
+47 22 435 000 d&b  
+47 21 49 49 49  
kundeservice@hafslundstrom.no  
<https://www.hafslundstrom.no/strom/privat/kundeservice/13112>  
Electric power generation, transmission and distribution; 75 employees; 4,559 companies in the corporate family  
\$187.94 million (2020)

Lede AS  
+47 35 935 000  
d&B website took me to firmapost@skagerakenergi.no with the same phone number and CEO Jens Bjørn  
Electric power generation, transmission and distribution; 391 employees; 370 companies in the corporate family  
\$184.72 million (2020)

Agder Energi Nett AS  
+47 38 607 000  
nett@ae.no  
<https://www.aenett.no/kontakt-oss>  
Electric power generation, transmission and distribution, including e-mobility charging; 202 employees; 126 companies in the corporate family  
\$169.33 million (2020)

Lyse AS  
+47 51 908 079  
Eimund Nygaard, CEO  
Electric power generation, transmission and distribution - including e-mobility charging; The network company in the Lyse Group, which operates and

develops the power grid for close to 160,000 customers; 377 employee; 70 companies in the corporate family  
\$165.95 million (2020)

#### Fred Olsen Renewables AS

+47 22 341 000

Electric power generation, transmission and distribution; Fred. Olsen Renewables is a developer, owner, and operator in renewable energy with history back to the mid-1990s; based on a solid position in UK and Scandinavia with 11 operating wind farms as well as one under construction, we are expanding into new countries and new technologies. An increased focus on renewable energy development over the last few years has led to a total project pipeline of ~4 GW in onshore and offshore wind. In addition, we are developing several prospects within both wind energy and solar energy; Fred. Olsen Renewables own and operate 11 wind farms with over 300 turbines in UK, Norway, and Sweden - producing 1.8 TWh in renewable energy; 96 companies in the corporate family  
\$160.14 million (2020)

#### Glitre Energi AS

+47 31 013 000

Håkon Levy, CFO

+47 95 869 339

hakon.levy@glitreenergi.no

Electric power generation, transmission and distribution - hydropower production consists of the subsidiary Glitre Energi Produksjon AS and the associated companies Hadeland Kraft AS and Hellefoss Kraft AS; We produce 100% renewable energy; we have an ambition to be an active driver in the green shift with a sustainable, secure and affordable energy supply. This includes taking an active role in upgrading and expanding our hydropower plants, building robust and smart grid; 31 companies in the corporate family  
\$156.4 million (2020)

#### Lyse Energisalg AS

+47 51 908 000

Electric power generation, transmission and distribution, including e-mobility chargers and solar cells; focusing on 100% hydropower from the Lysefjord; 70 companies in the corporate family

\$155.87 million (2020)

Vattenfall AB Filial Norge (a subsidiary of Vattenfall in Sweden)

+47 23 120 521

Electric power generation, transmission and distribution; 534 companies in the corporate family

\$152.39 million (2020)

Norgesenergi AS

+47 38 149 060 d&b

+ 47 38 10 00 81

corporate@norgesenergi.no

Electric power generation, transmission and distribution; 133 employees; 4,559 companies in the corporate family

\$150.81 million (2020)

Akershus Energi

+47 63 82 33 00

post@akershusenergi.no

Astri England Garshol, Chief Financial Officer

+47 913 80 987

<https://akershusenergi.no/finansiell-informasjon>

hydro, renewables & infrastructure, wind and solar

\$66.31 million (2020)

DynaVec AS

+ 47 934 63 700

contact form: <https://www.dynavec.no/contact>

DynaVec designs, manufactures and installs innovative Francis and Pelton turbines for our customers worldwide

\$46.6 million (2020)

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## Sweden<sup>5</sup>

Atlas Copco  
Investor Relations  
Daniel Althoff  
+46 768 99 95 97 (Sweden)  
ir@atlascopco.com  
40,000 employees worldwide  
leading company in the Geothermal market in 2019  
\$9.9 billion in 2020 (99.79 billion SEK)

Vattenfall AB  
+46 8 739 50 00  
Johan Sahlqvist, Head of Investor Relations  
+46 8 739 72 51  
johan.sahlqvist@vattenfall.com  
in Norway, Sweden, Denmark, Finland, Germany, United Kingdom, Netherlands,  
France, Poland  
\$15.8 billion in 2020 (158.8 billion SEK); another source: \$1.3 billion

Corral Petroleum Holdings AB  
Investor Relations  
Mattias Backmark, SVP Investor Relations & Project Financing  
+46 10 450 41 80  
mattias.backmark@preem.se  
investorrelations@corral.se  
conducts all business through its subsidiary Preem AB - Sweden's largest fuel  
company; refine and sell gasoline, diesel, heating oil and renewable fuels to  
companies and consumers in Sweden and abroad  
\$7.88 billion (2020)

Environment and Bio Solution (EBS)  
+46 705 59 49 22  
+46 46 73 49 22  
stefan@abebs.se

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<sup>5</sup> In September 2021 the SEK was 0.12 vs. the USD - for the purpose of this compilation the currency conversion will be 10%.

<http://abebs.se/kontakt-2/?lang=en>  
provides complete mechanical equipment for biogas plants  
\$5.83 billion

Gasum AB  
+46 13 46 50885  
Johanna Lamminen, CEO  
Heidi Westerbreg  
[heidi.westerbreg@gasum.com](mailto:heidi.westerbreg@gasum.com)  
€772 million

Ellevio AB  
+46 771-53 53 00  
[?kundservice@ellevio.se](mailto:kundservice@ellevio.se)  
Anna-Karin Käck, Finance  
one of Sweden's largest distribution system operators  
\$771.6 million (2020)

Stockholm Exergi AB  
[kundservice@stockholmexergi.se](mailto:kundservice@stockholmexergi.se)  
+46 771 44 46 00  
<https://www.stockholmexergi.se/kundservice/kontakta-oss>  
heating, cooling, electricity and waste management services  
\$736 million (2020)

Ringhals AB (a subsidiary of Vattenfall and Sydkraft Nuclear)  
+46 340 66 70 00  
a nuclear power plant in Sweden  
\$648.5 million (2020)

Göteborg Energi AB  
+46 31 62 60 00  
Alf Engqvist, CEO  
<https://www.goteborgenergi.se/kundservice/kontakt/kundservice-kontakt>

985 employees; a leading energy company owned by the Swedish city; subsidiaries are Göteborg Energi Din El AB (100%) Göteborg Energi Nät AB (100%) Göteborg Energi Gasnät AB (100%) Göteborg Energi Gothnet AB (100%)  
\$604.77 million (2020)

Forsmarks Kraftgrupp AB  
535 subsidiaries; owns a nuclear power plant; subsidiary of Vattenfall AB  
\$580.41 million (2020)

Tekniska Verken i Linköping AB (Publ)  
Telephone number switchboard +46 013-20 80 00  
+46 771-25 26 27  
kundservice@tekniskaverken.se  
\$567.66 million (2020)

Sydkraft Nuclear Power AB (subsidiary of Uniper SE in Germany *infra*)  
Anne Harris, CFO  
+46 40 255 000  
Europe's largest renewable energy producer and a global company in energy market operations; 4,500 employees in 17 countries; 4,578 subsidiaries  
\$544.81 million in 2020

OKG AB  
info@okg.uniper.energy  
+46 491-78 60 00  
electricity power generation - nuclear; 500 employees; 4,578 subsidiaries  
\$353.63 million (2020)

Jämtkraft AB  
+46 63 14 90 00  
info@jamt kraft.se  
hydroelectric, wind, bioenergy, solar, renewable energy  
\$530.18 million (2020)

Eolus Vind AB  
+46 10-199 88 00  
info@eolusvind.com  
Catharina Persson, CFO  
catharina.persson@eolusvind.com  
+46(0)709-329777  
<https://www.eolusvind.com/contact/head-office/?lang=en>  
\$100 million in 2020 (1077.5 million MSEK)

InnoVentum  
+46 0046 733 726 889  
info@innoventum.se  
Julien Daligault, CEO & Technical Sales  
julien@innoventum.se  
\$51 million in 2020 (515 million SEK)

ED BIOGAS  
Anders Ericsson  
+46705167601  
anders.ericsson@edbiogas.se  
Mikael Bengs  
+46705702166  
mikael.bengs@edbiogas.se  
no revenue information

Swedish Biofuels AB  
+46 8 663 27 40  
info@swedishbiofuels.se  
no revenue information

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.se.html?page=1>

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## Finland

### Fortum Oyj

Ingela Ulfves, Vice-President, Investor Relations and Financial Communications

Tel: +358 40 515 1531

ingela.ulfves@fortum.com

Rauno Tiihonen, Investor Relations Manager

Tel: +358 10 453 6150

rauno.tiihonen@fortum.com

€49.02 billion (2019)

### Neste Oyj

+358 1 045 811

Sami Jauhiainen, Vice President, Business Development

sami.jauhiainen@neste.com

a Finnish oil refiner committed to a green energy strategy to lower carbon emissions. The state-controlled firm focuses on refining, marketing, and shipping oil products, including gasoline, biodiesel fuel and lubricants. Neste Oyj primarily sells its products domestically but also exports to customers in North America and Europe. It operates about 850 gas stations in Finland, and almost 320 outside the country (in Estonia, Latvia, Lithuania, Poland, and northwestern Russia). The company has a biodiesel plant and a diesel production line. It has a crude oil refining capacity of 15 million tons per year and renewable diesel production capacity of 2.4 million tons per year; includes the production of sustainable diesel and aviation fuel

\$13.89 billion (2020)

### Stora Enso Oyj

+358 204 61 31

Ulla Paaajanen, SVP, Head of Investors Relations

ulla.paaajanen@storaenso.com

+358 40 763 8767 (c)

<https://www.storaenso.com/en/contact-us#Tfb98e99a-f3f9-4574-8a62-3b4392298943>

Stora Enso is a leading global provider of renewable solutions in packaging, biomaterials, wooden construction and paper; a global leader in fiber-based renewable products and is the #2 paper manufacturer in Europe (behind UPM), providing a range of recycled and virgin fiber papers for print and office use. The

company also makes commercial and consumer packaging products (carton and corrugated cardboard), biomaterials (pulp and byproducts such as tall oil and turpentine), and wood products for construction as well as wood pellets for heating. Stora Enso is based in Helsinki, Finland. Close to 75% of its sales are generated in Europe but the company operates in more 30 countries  
\$10.12 billion (2020)

Espoon Sähkö (Fortum Power and Heat Oy; see Fortum Strøm AS in Norway)  
+358 104 511

he Electric Power Generation, Transmission and Distribution Industry; 1,353 employees; 4,559 companies in the corporate family; Our joint role is to accelerate the change by reshaping the energy system, improving resource efficiency and providing smart solutions for the future  
\$1.52 billion (2020)

Crystalis (Yara Suomi Oy)

+358 10 215 111

Juha Sarlund, Business Manager, Environmental Solutions

+358 (0) 50 320 8022

juha.sarklund@yara.com

Global Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing Industry; in more than 160 countries with 17,000 employees; 254 companies in the corporate family; The AdBlue solution converts the harmful nitrogen oxides in the exhaust of diesel vehicles into harmless nitrogen and water vapor. This can significantly reduce nitrogen oxide (NOx) emissions, which are the main cause of air pollution and the formation of smoke in large urban centers; the SCR system (Selective Catalytic Reduction) injects AdBlue from a separate AdBlue tank into the exhaust pipe between the engine and the SCR catalyst.

\$909.49 (2020)

Stora Enso Oyj

+358 2046 131

Ulla Paajanen, SVP, Head of Investor Relations

ulla.paajanen@storaenso.com

+358 40 763 8767 (c)

<https://www.storaenso.com/en/contact-us?phrase=investor%20relations>

a global leader in fiber-based renewable products and is the #2 paper manufacturer in Europe (behind UPM); Close to 75% of its sales are generated in Europe but the company operates in more than 30 countries  
\$10.12 billion (2020)

Bonvesta (UPM-Kymmene Oyj)

+358 204 15 111

Tapio Korpeinen, CFO, Executive VP, UPM Energy

Mika Mikkola, Vice President, IR

mikka.mikkola@upm.com

+358 204 15 0376

Heli Konttinen, Manager, IR

heli.konttinen@upm.com

Tel. +358 (0) 204 15 0097

develops and offers a wide range of renewable solutions and sustainable and safe products for everyday use. Products are made of renewable and biodegradable materials and are recyclable; references biofuels and energy; UPM is building a first-of-its-kind biorefinery for producing renewable glycols. These wood-based glycols can be used to directly replace their fossil-based equivalents in many applications.

\$10.15 billion (2020)

Stora Enso Oyj

Ulla Paaanen, SVP, Head of Investor Relations

ulla.paaanen@storaenso.com

+358 40 763 8767 (c)

leading provider of renewable solutions in packaging, biomaterials, wooden constructions and paper globally

€8.55 billion (2020)

Neste Oyj

Juha-Pekka Kekäläinen, Vice President, Investor Relations

+358 10 458 5292

juha-pekka.kekalainen@neste.com

uija Ottoila, Investor Relations Manager

+358 10 458 4549

tuija.ottoila@neste.com

renewable road transport, sustainable aviation; renewable & recycled plastics

€11.75 billion (2020); €15.84 billion (2019)

Wärtsilä Finland Oy

+358 107 090 000

is part of the Engine, Turbine, and Power Transmission Equipment Manufacturing Industry; 3,176 employees; 329 companies in the corporate family.

\$1.97 billion (2020)

Pohjolan Voima

Minna Laakso, CFO

minna.laakso@pvo.fi

+358 10 478 6421

+358 40 506 0802 (c)

Electric Power Generation, Transmission and Distribution Industry; 35 employees; 32 companies in the corporate family; 2nd largest energy producer in the country

\$486.64 million (2020)

Voimaosakeyhtiö SF

Akke Kuusela

SVP, Finance and Administration

Tel. +358 40 715 4440

akke.kuusela@voimaosakeyhtio.fi

<http://www.voimaosakeyhtio.fi/en/company>

€405.1 million (1st half 2021)

Lapin Sähköverkko (Caruna Oy)

+358-205 2020

Elina Lehtomäki, Development and Innovation

electricity power distribution; 670,000 customers; 247 employees; 22 companies in the corporate family

\$459.86 million (2020)

Elenia Group

Jenni Heinisuo, CIO

+358 40 862 2044

jenni.heinisuo@elenia.fi

€306.3 million (2020); 295.6 (2019); 272.7 (2018)

Asikkalan Voima (Elenia Verkko Oyj)

+358 2 058 611

Tapani Liuhala d&b key principal

tapani.liuhala@elenia.fi

Electric Power Generation, Transmission and Distribution Industry; 83 employees;  
19 companies in the corporate family

\$354.27 million (2020)

Helen Oy

+358-96171

Timo Rajala SVP, Finance

1109 companies in the Helen Oy corporate family; 905 employees

€1.054 billion (2020); €1.151 billion (2019)

Fingrid Oy

+358-30 395 5000

Jan Montell, Chief Financial Officer

+358 30 395 5213

jan.montell@fingrid.fi

owned by the Finnish gov't and various financial and insurance companies

\$807.09 million

PVO-Pool (Pohjolan Voima Oyj)

+358 104 785 000

Investor Relations contacts

Minna Laakso, CFO

+358 10 478 6421

+358 40 506 0802 (c)

Kaisa Ahtiainen Chief, Financial Officer

358 50 330 9686 (c)

Electric Power Generation, Transmission and Distribution Industry; 35 employees;  
32 companies in the Pohjolan Voima Oyj corporate family; operates power,  
hydroelectric, thermal and nuclear power plants

\$486.64 million (2020)

EPV Heat (EPV Energia Oy)

+358 105 055 000

Rami Vuola, CEO

eami.vuola@epv.fi

Electric Power Generation, Transmission and Distribution Industry; a pioneer in zero-emission energy production, for example in the utilization of wind power and domestic forest energy; 115 employees; 20 companies in the corporate family; hydroelectric and wind power

\$347.00 million (2020) d&b; €293 million (2020) EPV

Neova Group (Neova Oy)

+358 207 904 000

Antti Koivula, Financial Manager d&b key principal

antti.koivula@neova-group.com

procure wood through vertical and procurement trade in various parts of Finland; 387 employees; 87 companies in the corporate family; wants to be a partner towards a carbon-neutral future with renewable energy with biofuels and peat as a transitional fuel.

\$329.42 million (2020)

Ol 1npp (Teollisuuden Voima Oyj)

+358 283 811

Anja Ussa, VP Finance & Business Development

Electric Power Generation, Transmission and Distribution Industry; 983 employees; 32 companies in the corporate family; nuclear and 45% in a coal-fired power plant and a 100 MW gas turbine backup power plant implemented as a joint project between Fingrid Oyj and TVO

\$325.37 million (2020)

Tammerkosen Energia (Tampereen Sähkölaitos Oy)

+358 206 303 000

Jussi Laitinen, Managing Director d&b key principal

<https://www.sahkolaitos.fi/en/customer-service/contact-information/contact-form>

Electric Power Generation, Transmission and Distribution Industry; 253 employees; 505 companies in the corporate family; a modern energy group that produces renewable Finnish energy and actively develops energy solutions for the future. We reduce greenhouse gas emissions

\$313.52 million (2020)

Oivavirta (Oomi Palvelut Oy; Oulun Energia Group)

+358 855 843 300

info@oulunenergia.fi

Jukka Toivonen, Managing Director d&b key principal

Electric Power Generation, Transmission and Distribution Industry; 5 companies in the Oomi Palvelut Oy corporate family.

\$303.90 million (2020)

Turku Energia Kaukolämpö (Oy Turku Energia-Åbo Energi Ab; parent company of the Turku Energia Group is Oy Turku Energia - Åbo Energi Ab, which is owned by the City of Turku)

+358 226 28 111

Electric Power Generation, Transmission and Distribution Industry; 293 employees; 351 companies in the corporate family; the leading energy company in Southwest Finland and one of Finland's largest companies in the field; committed to developing the energy sector and being a pioneer in the field; sells solar panels and electric car charging stations

\$299.17 million (2020)

Merus Power Corporation

+358 20 735 4320

<https://www.meruspowers.fi/contact>

Kari Tuomala, Managing Director

kari.tuomala@meruspowers.com

designs, manufactures and sells domestic innovative electrical storage, power quality solutions and services; its business is based on scalable and modular power electronics, intelligent software technologies and electrical engineering expertise; enables the growth of renewable energy in electricity networks and improve energy efficiency

a presence in the U.S., Mexico, Brazil Europe, South Africa, Saudi Arabia and Southeast Asia

+358 20 735 4321

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.fi.html?page=1>

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## Germany

E. On

Andreas Thielen, Manager Investor Relations

[andreas.thielen@eon.com](mailto:andreas.thielen@eon.com)

+49 151 671 14918

Verena Nicolaus-Kronenberg, Head of Investor Relations

[verena.nicolaus-kronenberg@eon.com](mailto:verena.nicolaus-kronenberg@eon.com)

+49 152 09331400

Martina Burger, Manager Investor Relations

[martina.burger@eon.com](mailto:martina.burger@eon.com)

+49 151 19773784

Max Sadrina, Manager Investor Relations

[max.sadrina@eon.com](mailto:max.sadrina@eon.com)

+49 172 8344377

employs around 70,000 people in 15 countries; two business areas: smart distribution networks and innovative energy solutions; supplies electricity to 5.3 million customers in the country and operates 349,000 km, or 19 percent, of the German power distribution network.

€60.9 billion 2019

Uniper SE

Stefan Jost, EVP Group Finance & Investor Relations

[IR@uniper.energy](mailto:IR@uniper.energy)

Christian Lössle, Manager Investor Relations

+49 151 6772 5191

[christian.loesse@uniper.energy](mailto:christian.loesse@uniper.energy)

Jan Houben, Manager Investor Relations

+49 151 2631 8000

one of Europe's largest electricity producers; E.On its largest shareholder

€998 million (2020)

...V...

Uniper Kraftwerke GmbH

+49 21 145 790

Dr. Adam Strzyz, Head of Investor Relations

+49 171 778 8215

Jan Houben, Investor Relations Manager

jan.houben@uniper.energy

Eva Göttges, Investor Relations Manager

+49 171 814 2018

Christian Loosse, Investor Relations Manager

+49 151 6772 5191

christian.loosse@uniper.energy

Stefan Jost, EVP Group Finance & Investor Relations (Hungary infra)

Christian Loosse, Investor Relations Manager

+49 151 6772 5191 (Germany)

IR@uniper.energy

Electric Power Generation, Transmission and Distribution Industry; 1,909 employees; 4,559 companies in the corporate family; operate power plants across five European countries and Russia; among the largest global power generators. Our core generation markets in Europe are Germany, the United Kingdom, Sweden, and the Netherlands

\$3.99 billion (2020)

innogy SE (a subsidiary of E.ON)

+49 20 11 202

Electric Power Generation, Transmission and Distribution Industry; 42,000 employees; 1,123 companies in the corporate family; electricity, natural gas, photovoltaics, eMobility

\$10.15 billion (2020)

EWE TRADING GmbH

+49 44 148 050

Tanja Groeger, Head of Financing and Investor Relations

+49 441 4805 1880

ir@ewe.de

Jan Wiemann, Financing and Investor Relations

+49 441 4805 1880

Electric Power Generation, Transmission and Distribution Industry; 87 employees; 149 companies in the corporate family; EWE uses its experience to drive the energy transition and protect the climate; the green range is diverse and is constantly being further developed

\$9.12 billion (2020)

...V...

EWE VERTRIEB GmbH

+49 44 18 030

Electric Power Generation, Transmission and Distribution Industry; 539 employees;  
151 companies in the corporate family  
\$3.61 billion (2020)

...V...

EWE NETZ GmbH

+49 44 148 080 d&b

+49 800 393 6389

<https://www.ewe-netz.de/formulare/kontakt>

Jörn Machheit, Managing Director

Electric Power Generation, Transmission and Distribution Industry; 2,035 employees; 149 companies in the corporate family; EWE NETZ has been committed to the success of the energy transition for years. Power grids with intelligent control technology - also known as smart grids - are one of them.

\$3.01 billion (2020)

E.DIS Netz GmbH

+49 3361 700

Electric Power Generation, Transmission and Distribution Industry - electricity grid; 1,710 employees; 1,123 companies in the corporate family; solar, wind, bio and hydropower  
\$3.01 billion (2020)

REMONDIS SE & Co.KG

+49 23 061 060

<https://www.remondis.de/en/contact-us>

a private waste management firm with branches, subsidiaries and affiliated businesses across Europe and in Australia, China, Japan, and Taiwan serving more than 30 million customers and thousands of companies, its engaged in the collection, transport, processing and disposal of waste as well as the reclamation and sale of secondary materials from recycling; the company handles large contracts for garbage collection, wastewater management, recycling and composting; and handles the collection and proper disposal of toxic wastes such as chemicals, photo and print materials and sewage.

\$9.09 billion

Stadtwerke München GmbH

+49 80 07 967 960

found this contact: Since 2006, Prof. Dr. Florian Bieberbach has been Chief Financial Officer of SWM Group; [bieberbach@swm.de](mailto:bieberbach@swm.de)

Electric Power Generation, Transmission and Distribution Industry - a municipal energy company; 10,459 employees; 4,861 companies in the corporate family; has an eMobility and photovoltaics division; is pursuing an expansion of renewable energies; from 2025 we will be producing as much green electricity in our own plants as all of Munich consumes; operate more than 30 photovoltaic systems, 14 hydropower systems, two biogas systems, five geothermal systems and two wind turbines. Many other regional projects are being planned; already using geothermal energy successfully in Riem and Sauerlach; soon be operating 580 public green electricity charging stations

\$9.09 billion (2020)

...V...

Stadtwerke Leipzig GmbH

+49-34 112 130

Electric Power Generation, Transmission and Distribution Industry; 1,445 employees; 2,167 companies in the corporate family

\$2.67 billion (2020)

VNG AG

+49 34 14 430

<https://www.vng.de/en/contact>

Bodo Rodestock, Member of the Executive Board, Finance

Electric Power Generation, Transmission and Distribution Industry; 1,155 employees; 524 companies in the corporate family; BALANCE Erneuerbare Energien GmbH (subsidiary) pools together VNG's activities in the field of alternative energies and energy efficiency - project development and participation in biogas (37 facilities) and biomethane projects technologies

\$9.04 billion (2020)

Westnetz GmbH

+49-5931885590

Diddo Diddens, Managing Director Energy Industry / Finances

Building Equipment Contractors Industry; 5,035 employees; 1,123 companies in the corporate family; electromobility and home charging equipment grid and supplier

\$7.79 billion (2020)

TransnetBW GmbH

+49 711 218 580

Dr. Werner Götz, Chairman

Electric Power Generation, Transmission and Distribution Industry - transmission system operator active at the regional level; 696 employees; 524 companies in the corporate family; to transport ever increasing amounts of electricity from renewables reliably to consumers across longer and longer distances, we are continuously adapting our ultra-high-voltage system

\$7.66 billion (2020)

Thüga Holding GmbH & Co. KGaA\*

+49 89 381 970

info@thuega.de

<https://www.thuega.de/kontakt>

Office Administrative Services Industry; 817 employees; 69 companies in the corporate family; create trend-setting solutions together with our partners and thus actively shape the future of municipal energy and water management; launching a model project for hydrogen heating

\* Thüga Group: the largest local authority association in Germany and, with around 20,300 employees, generated sales of around 21.5 billion euros in 2019

\$5.83 billion (2020)

Bayernwerk Netz GmbH

+49 94 120 100

<https://www.bayernwerk.de/de/ueber-uns/kontakt.html>

Electric Power Generation, Transmission and Distribution Industry; 257 employees; 1,123 companies in the corporate family

\$5.61 billion (2020)

VVG Hannover (Versorgungs und Verkehrsgesellschaft Hannover mit beschränkter Haftung)

+49 51 14 302 344

Hannoverimpuls GmbH provides advice and support viz. economic development

Doris Petersen, Manager

+49 511 30033341

doris.petersen@hannoverimpuls.de

Electric Power Generation, Transmission and Distribution Industry; 5,171 employees; 205 companies in the corporate family; co-project between the Leibniz University and the Hannover Region officer opportunities in hydrogen green energy

\$4.97 billion (2020)

Gas-Union GmbH

+49 69 30 030

info@gas-union.de

Dr. Jens Nixdorf, Managing Director

+49 69 3003 122

reichert@gas-union.de

Electric Power Generation, Transmission and Distribution Industry - natural gas; 80 employees; 524 companies in the corporate family

\$4.94 billion (2020)

Syneco Trading GmbH

+49-89 381 974 415

info@synerco.net

Dr. Johannes Angloher, Managing Director

Electric Power Generation, Transmission and Distribution Industry; 66 employees; 69 companies in the corporate family; a leading municipal energy procurement company. With the change in the energy market, we are evolving from a trading company to a provider of services at all stages of the energy procurement process

\$4.64 billion (2020)

enercity AG (enercity Aktiengesellschaft)

+49 51 14 300

Prof. Dr. Marc Hansmann

Electric Power Generation, Transmission and Distribution Industry; 1,132 employees; 205 companies in the corporate family; gas, solar, electromobility

\$4.57 billion (2020)

Vattenfall Europe Sales GmbH (presence in Sweden and Norway supra)

+49 40 657 988 000 d&b

+49 40 180 409 092

<https://service.vattenfall.de/kontakt?form=kontakt>

Electric Power Generation, Transmission and Distribution Industry; 435 employees; 533 companies in the corporate family; solar and eMobility - expanding the charging infrastructure - for at home, at company locations or in the public sector - enable Europe-wide charging at more than 95,000 charging stations; building charging infrastructures for companies  
\$4.46 billion (2020)

...V...

Vattenfall Wärme Berlin Aktiengesellschaft

+49 30 26 710 267 d&b

+49 40 180 409 092

<https://service.vattenfall.de/kontakt?form=kontakt>

Electric Power Generation, Transmission and Distribution Industry; 1,635 employees; 533 companies in the corporate family; natural gas, solar, eMobility - expanding the charging infrastructure - for at home, at company locations and in the public sector by way of 100% green electricity; enable Europe-wide charging at more than 95,000 charging stations.  
\$1.11 billion (2020)

Netze BW GmbH

+49 80 03 629 900

<https://www.netze-bw.de/unternehmen/ueber-uns>

Dr. Martin Konermann, Managing Director

Electric Power Generation, Transmission and Distribution Industry; 3,885 employees; 524 companies in the corporate family; the largest network company for electricity, gas and water in Baden-Württemberg  
\$4.35 billion (2020)

MVV Energie AG

+49 62 12 900

Dr. Georg Muller, Chairan

Electric Power Generation, Transmission and Distribution Industry; 6,182 employees; 5,561 companies in the corporate family; climate-neutral in the long term with specific sustainability goals up to 2026 and 2030  
\$4.05 billion (2020)

Städtische Werke Nürnberg GmbH

+49 91 12 710

dialog@n-ergie.de (N-ERGIE)

Josef Hasler, Chairman

Electric Power Generation, Transmission and Distribution Industry; 4,552 employees; 5,048 companies in the corporate family; supplies electricity, natural gas, district heating and water; subsidiary N-ERGIE is one of the largest municipal energy suppliers in Germany with over 60,000 customers from electricity and gas procurement to participation in power plants; embracing the expansion of an eMobility charging infrastructure with more than 60 municipal and municipal utilities

\$3.79 billion (2020)

Trianel GmbH

+49 241 413 200

info@trianel.com

Dr. rer. nat. Oliver Runte, Managing Director

Electric Power Generation, Transmission and Distribution Industry; 300 employees; 30 companies in the corporate family; The municipal utility cooperation Trianel offers municipal utilities and energy supply products and solutions for the decentralization and decarbonization of the energy industry, the expansion of renewable energies

\* look like management connected to Stadtwerke Bochum Holding GmbH, Allgäuer Überlandwerk GmbH, RhönEnergie Fulda GmbH, Stadtwerke Herne AG, Osterholzer Stadtwerke GmbH & Co. KG and Salzburg AG

\$3.78 billion (2020)

Stadtwerke Bochum Holding GmbH

+49 234 9600 d&b

+49 234 960 3047

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 88 employees; 4,207 companies in the corporate family; hydropower generation, solar panels, eMobility charging solutions, including solar source and natural gas for home and vehicles

\$682.28 million (2020)

Allgäuer Überlandwerk GmbH - electricity providers: the largest regional electricity provider; also eMobility provider, photovoltaic, battery, solar, hydropower and wind energy

+49 800 2521-320

<https://auew.de/privatkunden/kontaktservice/kontakt>

RhönEnergie

Martin Heun & Dr. Arnt Meyer, Managing Directors

<https://re-fd.de/kontakt#kontaktformular>

natural gas, electromobility, biogas (bio natural gas), solar and wind powerplants; RhönEnergie Fulda Group is one of the largest energy and water supply companies in Hesse and is among the top 50 in all of Germany, almost 1,000 employees

Stadtwerke Herne AG

+49 2323 592 555

<https://www.stadtwerke-herne.de/privatkunden/info-service/kontaktformular>

Ulrich Koch

energy-saving technology and climate-friendly offers such as electric charging stations

Osterholzer Stadtwerke GmbH & Co. KG

eMobility questions to

Jörg Basler

+49 4791 809-217

[joerg.basler@osterholzer-stadtwerke.de](mailto:joerg.basler@osterholzer-stadtwerke.de)

Azad Bayrak

+49 04791 809-395

[azad.bayrak@osterholzer-stadtwerke.de](mailto:azad.bayrak@osterholzer-stadtwerke.de)

been actively shaping the energy transition in the region and nationwide for years in many ways; are also involved in wind and solar parks nationwide; and eMobility home charging stations

Salzburg AG

+49 900 660 660

<https://www.salzburg-ag.at/kontakt/kontaktformular.html>

Dr. Leonhard Schitter, M.A., General Director

pursuing eMobility - charging solutions - and photovoltaic

Avacon Netz GmbH

+49 53 412 210

Electric Power Generation, Transmission and Distribution Industry - electricity and gas; 1,975 employees; 76 companies in the Avacon Netz GmbH corporate family; 85,000 kilometers of electricity and gas networks

\$3.57 billion (2020)

Mitteldeutsche Netzgesellschaft Strom mbH

+49 34 52 160

+49 800 2 884 400 service number

info@mitnetz-strom.de

<https://www.mitnetz-strom.de/kontakt>

Electric Power Generation, Transmission and Distribution Industry; 1,677 employees at this location and generates; 57 companies in the corporate family

\$3.02 billion (2020)

Siemen Energy AG

Michael Hagmann, Head of Investor Relations

michael.hagmann@siemens-energy.com

+49 173 2669650

Tobias Hang, Investor Relations Manager, Retail & Institutional Investors

tobias.hang@siemens-energy.com

+49 172 5744423

gas turbines, steam turbines, generators, transformers, and compressors; 91 thousand employees

€27 billion (2020)

TenneT TSO GmbH

+49 921 507 400

Investor Relations

Gerard Kits, Head of Treasury

+31 26 373 3155

gerard.kits@tennet.eu

Electric Power Generation, Transmission and Distribution Industry - electricity transmission and wants to expand the grid; 1,989 employees; 1,593 companies in the corporate family; innovations include developing a North Sea Power Hub; Can bi-directionally chargeable batteries in electric vehicles help to keep the power

grid stable; TenneT is currently testing this in a joint pilot project with Nissan and The Mobility House  
\$21.68 billion (2020)

Duisburger Versorgungs- und Verkehrsgesellschaft mit beschränkter Haftung  
+49 20 36 040  
info@dvv.de  
Marcus Wittig, Chairman\*  
Management of Companies and Enterprises Industry; over 4,300 employees; 4,207 companies in the corporate family  
\* also CEO of Stadtwerke Duisburg AG and Duisburger Verkehrsgesellschaft AG  
\$2.18 billion (2020)

Senvion GmbH  
+49 40 55 550 900  
d&b link led to Siemens Gamesa  
a big fan of renewable energy; it makes wind turbines; plants in Germany and Portugal; installed more than 3,000 turbines around the world. India's Suzlon Energy, a wind turbine maker, owns more than 95% of Senvion's stock  
\$2.18 billion (2020)

ENTEGA AG  
+49 615 17 010  
info@entega.ag  
Electric Power Generation, Transmission and Distribution Industry; 2,030 employees; 2,454 companies in the corporate family; one of the largest providers of climate-neutral energies in Germany. ENTEGA not only sells green electricity, but also invests in the conversion of the energy supply; the largest single investment is the stake in the Global Tech I wind farm in the North Sea; is continuously expanding regenerative energy generation. The focus is on wind energy, but we also invest in solar and bioenergy  
\$2.05 billion (2020)

TEAG Thüringer Energie AG  
+49 36 165 20 d&b  
+49 36 4181 71 111  
kundenservice@teag.de  
Stefan Reindl, Corporate Development Dept.

Electric Power Generation, Transmission and Distribution Industry; 1,863 employees; 26 companies in the corporate family; natural gas and committed to eMobility charging  
\$2.05 billion (2020)  
2020)

GELSENWASSER AG

+49 20 97 080

Water, Sewage and Other Systems Industry; 1,560 employees; 62 companies in the corporate family; supplies water and sustainable infrastructure  
\$2.03 billion (2020)

MVV Trading GmbH

+49 62 12 900

Electric Power Generation, Transmission and Distribution Industry; 58 employees; 5,561 companies in the corporate family; natural gas; pursuing climate protection and sustainability  
\$1.98 billion (2020)

Amprion GmbH

+49 23 158 490 d&b

+49 2234 85-0

info@amprion.net

For questions about our projects: +49 800 5895 2474

Electric Power Generation, Transmission and Distribution Industry - expand the electricity grid; 2,037 employees; 9 companies in the corporate family  
\$18.34 billion (2020)

WINGAS GmbH

+49 561 998 580

Natural Gas Distribution Industry; one of the biggest natural gas suppliers in Germany. From there we've seen continued growth in our businesses in Belgium, The Netherlands, the UK, Austria and the Czech Republic; 217 employees; 1907 companies in the corporate family  
\$17.51 billion (2020)

GASAG AG

+49 30 78 720

<https://www.gasag.de/kundenservice>

Natural Gas Distribution Industry; 1,783 employees; 57 companies in the corporate family; over 800,000 customers; natural gas and green electricity; eMobility, natural gas and hydrogen mobility and eMobility - charging infrastructure for homeowners and apartment buildings to new mobility concepts to green energy for electric, hydrogen and natural gas vehicles

\$1.38 billion (2020)

TEN Thüringian Energy Networks GmbH & Co, KG (TEN Thüringer Energienetze GmbH & Co. KG)

+49 36 173 900

[info@thueringer-energienetze.com](mailto:info@thueringer-energienetze.com)

Frank-Peter Tille, Managing Director

Electric Power Generation, Transmission and Distribution Industry; 48 employees; 26 companies in the corporate family; natural gas house connection and eMobility

\$1.38 billion (2020)

Stadtwerke Bremen Aktiengesellschaft (swb AG)

+49 42 13 590

Contact the energy dept: +49 421 359 3590

<https://www.swb.de/kontakt/formular>

Electric Power Generation, Transmission and Distribution Industry; 2,342 employees; 149 companies in the corporate family; a regional energy supplier of electricity, natural gas, heating and water and telecommunications provider; investing in a modern energy future for the region to continuously reduce CO<sub>2</sub> emissions; committed to the continuous expansion of the infrastructure in our supply area; swb is already expanding the charging network in the supply area and nationwide

\$1.37 billion (2020)

Stadtwerke München

Dr. Karl Sidhu, LL.M., Lawyer (works for the compliance dept)

+49 89 244 133 4 60

+49 176 225 74 526 (c)

[sidhu@svs-legal.de](mailto:sidhu@svs-legal.de)

owned by the city of Munich; one of the largest energy and infrastructure companies in Germany. Sustainability and climate protection are essential cornerstones of our corporate policy in all sectors  
€7.483 billion (2020)

Stadtwerke Duisburg Aktiengesellschaft

+49 20 36 040

<https://www.stadtwerke-duisburg.de/kontakt/online/kontaktformular/?L=0>

Marcus Wittig, CEO & Head of the Finance Dept

Electric Power Generation, Transmission and Distribution Industry; 493 employees;  
4,206 companies in the corporate family; natural gas and water supplier  
\$1.90 billion (2020)

Vestas Deutschland GmbH (an affiliate in Denmark supra)

+49-40 467 785 000

[https://www.vestas.de/kontakt#!grid\\_0\\_content\\_1\\_Container](https://www.vestas.de/kontakt#!grid_0_content_1_Container)

Electrical Equipment Manufacturing Industry; 2,500 employees; 329 companies in the corporate family; installed more than 8,100 wind turbines with a total capacity of more than 15 GW; does R&D, through production facilities and sales locations; The Vestas Northern & Central Europe business unit, headquartered in Hamburg, is responsible for the sales and marketing of onshore and offshore wind energy solutions as well as the installation and servicing of wind turbines in Germany, Benelux, Austria, Scandinavia, UK, Ireland, Russia and the Baltic States, Eastern Europe and much more  
\$1.34 billion (2020)

Wintershall Dea International GmbH

+49 40 63 750 d&b

+49 561 301-0

[info@wintershalldea.com](mailto:info@wintershalldea.com)

Paul Smith, CFO

Investor Relations

Aleksander Azarnov, SCP Investor Relations

+49 40 6375-3437

[ir?@wintershalldea.com](mailto:ir?@wintershalldea.com)

[aleksander.azarnov?@wintershalldea.com](mailto:aleksander.azarnov?@wintershalldea.com)

a leading independent gas and oil company in Europe; operating numerous gas projects (exploration, production, and storage) in four core regions: Europe,

Russia, Latin America, the Middle East and North Africa (MENA) region; it operates Germany's largest oil field, Mittelplate in the North Sea; its portfolio is well-positioned for growth in natural gas; over the next decade the company will be investing around €400 million in various initiatives to reduce our greenhouse gas emissions, which will also include investing in projects involving carbon capture and storage (CCS) and hydrogen production; has already started to participate and invest CCS and hydrogen projects  
\$1.84 billion (2020)

Berliner Wasserbetriebe

+49 30 86 440 d&b

+49 800 292 75 87 customer center

<https://www.bwb.de/de/kontakt.php>

Frank Bruckmann, CFO

Water, Sewage and Other Systems Industry; 4,595 total employees; 11 companies in the corporate family; invested €400 million in 2020; 118 Kms of networks rehabilitated, refurbished and expanded; Around 300,000 cubic meters of underground storage space for mixed water is to be created by 2025 with the aim of improving the quality of our waters, rivers and lakes. Around 300,000 cubic meters of underground storage space for mixed water is to be created by 2025 with the aim of improving the quality of our waters, rivers and lakes; building Berlin's 2nd largest sewage pumping station  
\$1.31 billion (2020)

badenova AG & Co. KG

+49 80 02 791 020

[service@badenova.de](mailto:service@badenova.de)

<https://www.badenova.de/privatkunden/kontaktformular-privatkunden.jsp>

Electric Power Generation, Transmission and Distribution Industry; 1,452 employees; 47 companies in the corporate family; green electricity from hydropower, solar and natural gas; eMobility and home charging stations; develops strategies and measures to use climate protection potential efficiently and effectively - [klimaschutzberatung@badenova.de](mailto:klimaschutzberatung@badenova.de) & +49 761 279-3456  
\$1.30 billion (2020)

EnBW

Ingo Peter Voigt, Head of Finance, M&A and Investor Relations

+49 721 63-14375

Marcel Münch, Head of Finance, M&A and Investor Relations

+49 721 63-16102

Julia von Wietersheim, Senior Manager Investor Relations

+49 721 63-12060

Lea Gantz, Manager Investor Relations

+49 721 63-13646

Regina Martin, Manager Investor Relations

+49 721 63-13613

[investor.relations@enbw.com](mailto:investor.relations@enbw.com)

focus our business on renewable energies, electricity and telecommunications networks, electromobility and smart, sustainable energy solutions; 24,600 employees, 505 million customers; operating in 10 countries  
€19.69 billion (2020); €19.44 billion (2019)

GVS Germany (GasVersorgung Süddeutschland GmbH)

+49 71 178 125

<https://www.gvs-erdgas.de/gvs/kontakt>

Dr. Michael Rimmner, Managing Partner

supplies gas and electricity to municipal utilities, regional energy suppliers and industrial companies; 69 employees; 524 companies in the corporate family; has partnered with Klimaneutral - ClimatePartner which recommends companies to establish the avoidance and reduction of CO<sub>2</sub> emissions as a continuous process and supports them in appropriate strategies

\$1.75 billion (2020)

Pfalzwerke Aktiengesellschaft

+49 62 15 850 d&b

+49 621 57057 2585

<https://www.pfalzwerke.de/privatkunden/service/kontakt>

Electric Power Generation, Transmission and Distribution Industry; 1,133 total employees; 1,378 companies in the corporate family; natural gas, solar, eMobility - charging stations

\$1.74 billion (2020)

Lechwerke AG

+49 82 13 280

website not accessible

wikipedia: a regional power company, which is majority-owned by E.ON owned subsidiary Innogy is.

Electric Power Generation, Transmission and Distribution Industry; 1,750 employees; 1,123 companies in the corporate family  
\$1.40 billion (2020)

PreussenElektra GmbH

+49 51 143 903

info@preussenelektra.de

Thorsten Lott, Finances

Electric Power Generation, Transmission and Distribution Industry; 1,890 employees; 1,123 companies in the corporate family; nuclear power plants  
\$1.69 billion (2020)

RheinEnergie Trading GmbH

+49 22 11 781 199 d&b

+49 221 178-2000

frontoffice@rheinenergie-trading.com

Babette Bruckbauer & Kaufmann Arndt Robbe, Managing Directors

Electric Power Generation, Transmission and Distribution Industry; 4,206 companies in the corporate family; purchasing and trading energy and energy-related products to external customers - in the Rhenish region and throughout Germany; bundle purchasing and trading, conduct hedging transactions and in this way procure energy particularly efficiently  
\$2.97 billion (2020)

GETEC Energie GmbH

+49 51 151 949 100

info@getec-energie.de

Electric Power Generation, Transmission and Distribution Industry; more than 400 employees; 39 companies in the corporate family; electricity supplier, including wind and solar; plus eMobility charging infrastructure and mobility solutions  
\$1.68 billion (2020); €1.4 billion (2019) GETEC

RWE

Thomas Denny, Head of Investor Relations

+49 201 5179 5647

[https://www.rwe.com/en/contact-services/contact-form?  
c=2c8e22a65bb747c18e558f1916d1d75f](https://www.rwe.com/en/contact-services/contact-form?c=2c8e22a65bb747c18e558f1916d1d75f)

Sabina Gathmann, Manager Investor Relations

+49 201 5179 3115

[https://www.rwe.com/en/contact-services/contact-form?  
c=f46447e9d7ce41dcad83b0347053ad09](https://www.rwe.com/en/contact-services/contact-form?c=f46447e9d7ce41dcad83b0347053ad09)

multinational energy company generates and trades electricity in Asia-Pacific, Europe and the United States.

€13.7 billion (2020); €13.1 billion (2019)

...V...

RWE AG (RWE Aktiengesellschaft)

+49 20 151 790

Thomas Denny, Head of Investor Relations

+49 (0) 201-5179-5647

contact form for him:

[https://www.rwe.com/kontakt-services/kontaktformular?  
c=2c8e22a65bb747c18e558f1916d1d75f](https://www.rwe.com/kontakt-services/kontaktformular?c=2c8e22a65bb747c18e558f1916d1d75f)

Jérôme Hördemann, Investor Relations Manager

+49 (0) 201-5179-5621

[https://www.rwe.com/kontakt-services/kontaktformular?  
c=ef567f2b67c54af69e2958cc0449ecdf](https://www.rwe.com/kontakt-services/kontaktformular?c=ef567f2b67c54af69e2958cc0449ecdf)

Susanne Lange, Investor Relations Manager

+49 (0) 201-5179-5630

[https://www.rwe.com/kontakt-services/kontaktformular?  
c=de1810dd82434fda899310f0c82c50e2](https://www.rwe.com/kontakt-services/kontaktformular?c=de1810dd82434fda899310f0c82c50e2)

Through innovation and investment, the new RWE is creating the foundation for a carbon neutral future. It also owns major UK and Netherlands-based utilities, and Germany-based electricity and gas supplier RWE Power. RWE owns oil and gas exploration and production unit RWE-DEA; other businesses include companies engaged in gas transportation and storage, power generation, energy trading, information technology, and coal mining. It generates almost 40% of its revenue in Germany

\$16.19 billion (2020)

...V...

RWE Power Aktiengesellschaft

+49 22 14 800

Electric Power Generation, Transmission and Distribution Industry; 9,242 employees; 586 companies in the corporate family  
\$3.31 billion (2020)

...V...

RWE Generation SE

+49 20 151 790

Electric Power Generation, Transmission and Distribution Industry; 1,006 employees; 586 companies in the corporate family  
\$1.30 billion (2020)

50Hertz Transmission GmbH (subsidiary of Elia Group\*)

+49 3051 500

Robert Weigert, Head of Treasury

+49 30 5150-32 01

robert.weigert@eurogrid.com

Electric Power Generation, Transmission and Distribution Industry; more than 1,200 employees; 41 companies in the corporate family; offers industrial companies support to decarbonise their production processes; grid expansion projects for land and at sea; 50Hertz and the Belgian transmission system operator and 50Hertz majority owner Elia have formed the Elia Group since 2010; the joint consulting company Elia Grid International (EGI) also belongs to the group

\* Elia Group's shareholders are the Belgian system operator Elia and the German state-owned KfW Bank Group

\$13.12 billion (2020)

Eurogrid GmbH (parent company 50Hertz ...^... with same investor relations contact, Robert Weigert)

+49 30 51 503 201

Management of Companies and Enterprises Industry; 1206 employees; 41 companies in the corporate family  
\$13.07 billion (2020)

Süwag Vertrieb AG & Co. KG

+49 69 31 070 d&b

+49 800 - 4747482

Electric Power Generation, Transmission and Distribution Industry; 340 employees; 1,123 companies in the corporate family; eMobility - charging options, for example charging car from its solar system  
\$1.66 billion (2020)

EWMR (Energie- und Wasserversorgung Mittleres Ruhrgebiet GmbH)  
+49 23 49 601 010  
info@ewmr.de  
electricity supplier across Germany and Europe; 5,263 employees; 4,206 companies in the corporate family  
\$1.61 billion (2020)

SachsenEnergie AG  
+49 35 14 680  
service@SachsenEnergie.de  
<https://www.sachsenenergie.de/wps/portal/energie/cms/footer/kontakt>  
Electric Power Generation, Transmission and Distribution Industry; 416 employees; 2,167 companies in the corporate family; sewage treatment plant, natural gas home heating and electricity provider, including solar and eMobility - electrify a vehicle fleet, including the charging infrastructure - planning, installation and commissioning  
\$1.50 billion (2020)

Marquard & Bahls Aktiengesellschaft  
+49 40 37 004-0  
office@marquard-bahls.com  
Olaf Schulz, Chief Financial Officer  
a holding company that operates through its subsidiaries dealing in downstream oil and gas and renewable energy around the world; provides independent oil trading and operates more than 600 gas stations in Europe, while Oiltanking is one of the world's largest commercial operator of tank terminals storing petroleum products, liquid chemicals and gases; also has interests in aviation fueling (Skytanking), natural gas and renewable energy; a presence in 29 countries in Europe, America, Asia and Africa and employs about 4,300 people  
\$10.86 billion (2020)

STEAG GmbH

+49 20 180 100

<https://www.steag.com/de/kontakt/kontaktformular>

Electric Power Generation, Transmission and Distribution Industry; 6,400 employees; 135 companies in the corporate family; have a strong power plant base; STEAG New Energies GmbH supplies energy solutions based on efficient and sustainable concepts. It plans, realizes and operates decentralized energy generation plants that use renewable energies such as bio and geo energy or wind power; STEAG Fernwärme GmbH is a supplier of heat from environmentally friendly combined heat and power (CHP), STEAG Fernwärme GmbH is responsible for supplying heat to properties; STEAG Waste to Energy GmbH bundles the activities and know-how in the field of waste incineration and operates STEAG's own plants

\$2.31 billion (2020)

KSBG Kommunale Beteiligungsgesellschaft GmbH & Co. KG

+49 20 18 011 280

Management of Companies and Enterprises Industry; 6,300 employees; 135 companies in the corporate family; a supplier network consisting of independent municipal utilities with the aim of using synergies through cooperation and opening up new business areas

\$2.30 billion (2020)

Stadtwerke München

+49 80 07 967 960

10 thousand employees; 4,240 subsidiaries

€7.483 billion (2020)

Stadtwerke Voerde Gasnetz GmbH & Co. KG

+49 28 559 368 330

Dirk Haarmann, Commercial Director

+49 28 558 0334

<https://www.stadtwerke-voerde.de/index.php?id=11129&aim=210&refuid=11094>

Natural Gas Distribution Industry; 456 employees; 8 companies in the corporate family; offers water and green electricity from the municipal utilities - electricity is obtained from renewable energy sources

\$1.49 billion (2020)

Westfalen Netz GmbH & Co. KG

+49 5251 202 0303 - Service for network customers not d&b

Andreas Speith, Managing Director of Westfalen Weser Netz GmbH

Natural Gas Distribution Industry; 456 employees; 27 companies in the corporate family; eMobility - accelerating the expansion of the publicly accessible charging infrastructure; cable and pipeline construction, substations and switching houses  
\$1.49 billion (2020)

Stadtwerke Düsseldorf AG

+49-2118210

<https://www.swd-ag.de/kontakt-service/kontakt/kontaktformular>

Electric Power Generation, Transmission and Distribution Industry; 1,104 employees; 524 companies in the corporate family; eMobility - charging infrastructure for companies when on the road  
\$2.23 billion (2020)

Sachsen Energie & DREWAG

+49 35 18 604 444

<https://www.drewag.de/wps/portal/drewag/cms/footer/kontakt?area=pk>

Electric Power Generation, Transmission and Distribution Industry; 678 employees; 2,167 companies in the corporate family; gas supply for heating and vehicles; have been installing charging technology in Dresden, in private and public spaces, for many years  
\$1.48 billion (2020)

LEW Verteilnetz GmbH

+49 82 13 280 d&b

+49 821 328 2222

<https://www.lew-verteilnetz.de/lew-verteilnetz/ueber-lew-verteilnetz/kontakt>

Electric Power Generation, Transmission and Distribution Industry; 849 employees; 1,123 companies in the corporate family; electricity distribution including eMobility  
\$1.48 billion (2020)

Main-Donau Netzgesellschaft mbH (N-ERGIE Netz GmbH)

+49 91 180 202

Electric Power Generation, Transmission and Distribution Industry; 365 employees; 5,048 companies in the corporate family; electricity, natural gas, water and district heating networks; eMobility solutions - connects charging infrastructure to

the public supply network - garages, multi-story buildings and underground garages and public and semi-public charging facilities; provides funding through KfW  
\$1.45 billion (2020)

Lausitz Energie Verwaltungs GmbH

+49 35 528 870

<https://www.leag.de/de/kontakt/allgemeines-kontaktformular>

Management of Companies and Enterprises Industry; 6,931 employees; 30 companies in the corporate family; power plants, renewable energy - one of the largest landowners in East Germany. With EP New Energies we have a competent partner to develop wind and solar projects, including floating PV systems; and a battery storage system with a usable capacity of 53 megawatt hours based on lithium-ion technology

\$2.57 billion (2020)

Danske Commodities Deutschland GmbH

+49 40 299 993 400

Thor Sebastian Klose, Sr. Business Developer

+49 40 299 993 436

[tki@danskecommodities.com](mailto:tki@danskecommodities.com)

Electric Power Generation, Transmission and Distribution Industry; 10 employees; 781 companies in the corporate family; trades in energy and brings it from where it is in abundance to where it is needed most; in August 2020 announced the closing of a 15-year PPA (power purchase agreement) with the world's largest offshore wind farm, Dogger Bank owned by Equinor and SSE Renewables; pioneers in the direct marketing market and have extensive experience in optimizing electricity generation from renewable energies, including standard and individual electricity purchase agreements - offer these services in Austria, Benelux countries, Denmark, Germany, Italy and the U.K.; also has contact people in the US, Bulgaria, Netherlands, Poland, France, Spain, Scandinavia, Turkey, Denmark, Bosnia Herzegovina, Croatia, Macedonia, Romania

\$2.55 billion (2020)

envia Mitteldeutsche Energie AG

+49 37 14 820

<https://www.enviam.de/privatkunden/kundenservice/kontaktformular>

Electric Power Generation, Transmission and Distribution Industry; 651 employees; 57 companies in the corporate family; natural gas heating and eMobility - home charging and with solar power - elektromobilitaet@enviam.de  
\$2.54 billion (2020)

N-ERGIE Aktiengesellschaft

+49 91 180 201 d&b

+49 800 10 08 009

contact form at <https://www.n-ergie.de>

Electric Power Generation, Transmission and Distribution Industry; 2,580 employees; 4,861 companies in the corporate family; provides electricity, natural gas, district heating and water; eMobility charging - will find the right charging solution and supply you with guaranteed green electricity  
\$2.51 billion (2020)

Nordex SE

Felix Zander, VP & Head of Investor Relations

+49 (40) 300 30 - 1116

fzander@nordex-online.com

one of the world's largest wind turbine manufacturers; 8,500 employees; offices and branches in more than 30 countries

€4.34 billion (2020)

RheinEnergie AG

+49 22 134 645 300

Dr. Dieter Steinkamp, CEO

d.steinkamp@rheinenergie.com

[https://www.rheinenergie.com/de/privatkunden/kundenservice/kontakt/kontaktformular\\_pk.php](https://www.rheinenergie.com/de/privatkunden/kundenservice/kontakt/kontaktformular_pk.php)

Electric Power Generation, Transmission and Distribution Industry; 2,897 employees; 4,206 companies in the corporate family; boasting "green electricity for all households from 2022"; We save 200,000 tons of CO<sub>2</sub> annually through renewable energies. We promote the expansion of green energy and have already invested over 350 million euros. In Cologne, we have set up a nationwide charging infrastructure for e-vehicles. From 2022 we will supply all private and commercial customers with green electricity. We want to supply the region with water, electricity and heat in a completely climate-neutral way by 2035

\$3.03 billion (2020)

Enercon GmbH  
Momme Janssen, Chief Executive Officer  
+49 49 41 9270  
<https://www.enercon.de/en/contact>  
€2.53 billion 2018, €3.2 billion in 2017

DB Energie GmbH  
+49 69 26 523 300  
Contact for eMobility  
+49 (0) 69 265 23800  
[e-projekte@deutschebahn.com](mailto:e-projekte@deutschebahn.com)  
Electric Power Generation, Transmission and Distribution Industry; 1,834 employees; 7,338 companies in the corporate family; driver of the energy transition for the future and for the mobility of the future; consider themselves environmental pioneers; embraced eMobility and the installation of charging stations  
\$2.97 billion (2020)

BayWa r.e. AG (a member of the BayWa Group\*)  
+49 893 839 320  
<https://solar-distribution.baywa-re.ca/en/about-us/your-solar-partner/about-our-parent-company#contactModal>  
Matthias Taft, Chairman  
Industrial Machinery Manufacturing Industry; 2,700 employees; 3,000 companies in the corporate family; Wind energy, solar energy, bioenergy, solar distribution and energy solutions; committed to making renewable energy even better; a presence in Australia, France, Italy, Korea, Poland, Scandinavia, Spain, UK, Ireland and the USA, Germany, Africa, Asia; wind, solar, hybrid, bioenergy; In 2017, BayWa r.e. set a goal to achieve carbon neutral operations from 2018 onwards. We achieved our goal by offsetting all our operative carbon emissions as of the end of 2018  
\* we r.e.think energy - how it is produced, stored and can be best used to enable the global renewable energy transition that is essential to the future of our planet; based in 28 countries, with revenues of almost €2.5 billion, BayWa r.e. is a leading global renewable energy developer, service provider, distributor and energy solutions provider, and is actively shaping the future of energy; a leading global supplier to the solar distribution market, BayWa r.e. is a preferred partner for thousands of installers and contractors  
\$2.94 billion (2020) b&d; € 2.488 billion (2020) company

Schleswig-Holstein Netz AG

+49 41 066 290 d&b

+49 41 066 48 9090

Stefan Strobl, Member of the Board of Management

Electric Power Generation, Transmission and Distribution Industry; 1,300 employees; 1,123 companies in the corporate family; operator of electricity and gas lines in around 900 municipalities in Schleswig-Holstein; as a partner in the energy transition, the company has also connected tens of thousands of systems for generating renewable energies to its grids in recent year; operate around 48,000 kilometers of high, medium and low voltage networks as well as 15,000 kilometers of gas and 7,500 kilometers of communication networks in Schleswig-Holstein; connected over 90% of the state's renewable energies to the grid  
\$2.90 billion (2020)

...V...

Schleswig-Holstein Netz AG

+49 410 66 290

<https://www.sh-netz.com/de/schleswig-holstein-netz/kontakt/kontaktformular.html>

Electric Power Generation, Transmission and Distribution Industry; 1,188 employees; 1,123 companies in the corporate family  
\$2.90 billion (2020)

The Bayerngas Group (Bayerngas GmbH)

+49-897 2000

The website Q is asked: Do you want to become part of the Bayerngas ecosystem?

Verena Schukys, Legal specialist

+49 89 7200 217

[verena.schukys@bayerngas.de](mailto:verena.schukys@bayerngas.de)

Natural Gas Distribution Industry; 211 total employees; 5,048 companies in the corporate family; gas professional in the energy market for six decades  
\$2.80 billion (2020)

Mainova Aktiengesellschaft

+49 692 1302

<https://www.mainova.de/de/service/kontakt>

Water, Sewage and Other Systems Industry; 2,904 total employees; 57 companies in the corporate family;

with intelligent, networked and regenerative solutions, we ensure climate-friendly and livable neighborhoods and communities; including eMobility - smart charging stations for your electric cars - for companies, municipalities and hotels; links to The city of Frankfurt, Stadtwerke Frankfurt and Thüga AG  
\$2.68 billion (2020)

Enel X  
617 224 9900 Boston  
Francesco Venturini, CEO  
info\_enelx@enel.com  
<https://www.enelx.com/n-a/en/forms/get-demo>  
Surpasses \$1.6 Billion USD

SMA Solar Technology, AG  
+49 561 9522 0 (Germany)  
Ulrich Hadding, Board Member for Finance  
info@SMA.de  
<https://www.sma.de/en/investor-relations/ir-contact.html> or  
Stimmrechtsmitteilungen@sma.de  
\$1.21 billion (2020)

Hanwha Q CELLS GmbH (bought by Hanwha Group)  
+49 349 466 990  
<https://www.q-cells.de/gewerbekunden/investoren/kontakt.html>  
one of the biggest producers of photovoltaic system in the world; offers the entire spectrum of solar products and applications  
\$738.50 million

Stadtwerke Münster GmbH  
+49 25 16 940  
lectric Power Generation, Transmission and Distribution Industry; 1,176 employees; 4,206 companies in the corporate family; green electricity and climate-neutral natural gas  
\$641.12 million (2020)

EnviTec Biogas AG

+49 4442/8016-8100, +49 2574/8888-0

Jörg Fishern, CFO & Investor Relations

a presence in 16 countries; agriculture biogas plants, waste-to-energy plants, biomethane

€227 million

Aufwind Schmack Neue Energien GmbH

+49 7541 3740 40 (Germany)

WINDINVEST@AUFWIND.DE

no financial information

EnviTec Biogas AG

+49 4442/8016-8100

Jörg Fischer, CFO

<https://www.envitec-biogas.com/company/contact>

€213.6 million

ABO Wind

Alexander Koffka, General Manager, Public and Investor Relations

+49 611 267 65-515

[alexander.koffka\(at\)abo-wind.de](mailto:alexander.koffka(at)abo-wind.de)

develop solar and wind farms in 16 countries on four continents; revenues in eleven countries for the first time; ~800 employees

€149.2 million

Karlsruher Versorgungs-, Verkehrs- und Hafen GmbH

+49 7 215 990

Michael Homann, Managing Director, Management Spokesman

Electric Power Generation, Transmission and Distribution Industry; 3,607 employees; 5,561 companies in the corporate family; is a municipal service group with four own companies; The Karlsruhe Rail Infrastructure Company (KASIG) is a subsidiary

\$1.26 billion (2020); €1,023 million and €382.7 million investments (2020) KWH

eprimo GmbH

+49 696 976 700

Electric Power Generation, Transmission and Distribution Industry; 149 employees;  
31 companies in the corporate family; green gas and electricity - hydropower  
\$1.23 billion (2020)

SWK Stadtwerke Krefeld Aktiengesellschaft

+49 21 51 980

info@gsak.de

<https://www.gsak.de/kontakt#Ihr%20pers%C3%B6nlicher%20Kontakt>

Wilfried Gossen, Managing Director, phone

+49 2151 582 141

wilfried.gossen@gsak.de

Management of Companies and Enterprises Industry; 2,933 employees; 142 companies in the corporate family; responsible for the planning, construction and operation of supply networks and responsible for the maintenance and servicing of the electricity and gas networks; sectors include natural gas and eMobility - provides e-scooters; also in water, waste - biowaste, green waste (grass, trees etc), old clothes disposal - waste incineration and sewage treatment plant  
\$1.23 billion (2020)

Open Grid Europe GmbH

+49 20 136 420

<https://oge.net/en/contact>

Dr. Frank Reiners, Finance

Pipeline Transportation of Natural Gas Industry; 1,429 employees; 72 companies in the corporate family; building new pipeline infrastructure for the energy transition - this new link will allow the urgent conversion of the regional and municipal gas grids from low-calorific (L-gas) to high-calorific natural gas (H-gas)  
\$1.21 billion (2020)

eins energie in sachsen GmbH & Co. KG

+49 37 15 250

<https://www.eins.de/kontakt>

Electromobility team

+49 371 525 - 2525

E-Mobil@eins.de

Electric Power Generation, Transmission and Distribution Industry; 1,144 total employees; 16 companies in the corporate family; sewage management, natural gas and eMobility - home and on the road charging

\$1.17 billion (2020)

EAM GmbH & Co. KG

+49 56 193 301

<https://www.eam.de/service-kontakt/kontakt/kontaktformular>

Electric Power Generation, Transmission and Distribution Industry; 1,243 employees at 20 locations; 39 companies in the corporate family; natural gas and clean electricity for around 1.4 million people; promoting the energy transition with innovative concepts and actively supporting districts, municipalities, companies and private customers in the implementation of energy projects in the region; eMobility chargers for home with hydropower

\$1.14 billion (2020)

Stromnetz Berlin GmbH

+49 304 920 200

[info@stromnetz-berlin.de](mailto:info@stromnetz-berlin.de)

[https://mein.stromnetz.berlin/web/kundenanfrage?](https://mein.stromnetz.berlin/web/kundenanfrage?language=en&type=QUESTION&reason=COMPANY)

[language=en&type=QUESTION&reason=COMPANY](https://mein.stromnetz.berlin/web/kundenanfrage?language=en&type=QUESTION&reason=COMPANY)

Thomas Schäfer

Electric Power Generation, Transmission and Distribution Industry; 1,425 employees; 474 companies in the corporate family; wind (9 installations), solar (8,676) and biomass (47); serving 3.6 million customers; offers charging management system, eMobility charging infrastructure

\$1.12 billion (2020); €234 million investment in grid structure

NEW Kommunalholding GmbH

+49 21 666 880

<https://www.new.de/kontakt-1>

Management of Companies and Enterprises Industry; 2,304 employees; 55 companies in the corporate family; electricity (400,000), gas (150,000) and water (100,000) provider; maintenance of the sewer network (1,740-kilometers) and removal and disposal of waste; also regularly invests in the region of ~€60 million

\$1.11 billion (2020)

ENERGIEALLIANZ Austria GmbH, Zweigniederlassung Essen

+49 20 13 193 770

+43 1 904 100 (Austria)

office@energieallianz.at

<https://www.energieallianz.com/de/at/info/kontakt.html>

Jörg Sollfelner, Managing Director (Austria)

Electric Power Generation, Transmission and Distribution Industry; 140 employees; 9 companies in the corporate family; Energy Alliance Austria - headquartered in Vienna, supplies around 120,000 customer systems in the large, industrial and business customer segment with electricity (hydropower), natural gas and energy-related services - totaling 2.9 million. ENERGIEALLIANZ Austria trades across Europe in electricity and natural gas  
\$1.11 billion (2020)

Companies generating less than \$1 billion:

<https://www.dnb.com/business-directory/company-information.utilities.de.html?page=6>

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## Denmark

Centrica Energy Trading A/S

+45 99 395 500

+49 40 228 676 950 (Germany office)

EnergyTrading@centrica.com

Electric Power Generation, Transmission and Distribution Industry; 350 employees; 314 companies in the corporate family; move and trade energy  
\$10.31 billion (2020)

Energi Danmark A/S

+45 87 426 262

Electric Power Generation, Transmission and Distribution Industry; 150 employees; 14 companies in the corporate family; one of Denmark's leading energy trading groups with activities within physical and financial electricity trading, CO2 trading, gas and wind energy trading and portfolio management; today Denmark's largest player in the market for trading electricity to business customers and has subsidiaries in Sweden, Finland, Norway and Germany as well as plans for further expansion in the Nordic region as well as in the rest of Europe  
\$7.13 billion (2020)

Ørsted A/S

+45 99 551 111

Marianne Wilnholt, CFO

Investor Relations

Allan Bødskov Andersen, Head of Investor Relations

+45 99 55 79 96

alban@orsted.com

Alex Morgan, Lead Investor Relations Officer

+45 99 55 93 82

alxmo@orsted.com

develops, constructs and operates offshore wind farms, bioenergy plants, and waste-to-energy solutions, primarily in North West Europe; also provides smart energy products to its customers; aims for 95% green energy generation by 2023; completed its public flotation in 2016, with the Danish government the majority shareholder; the world leader in offshore wind; built both the world's first and largest offshore wind farms, and, today, generate enough energy to power more than 16 million people; responsible for around a quarter of the world's offshore wind power currently in operation or under construction; also into onshore wind, hydrogen, solar/storage and bioenergy  
\$5.89 billion (2020)

...V...

DONG Energy Wind Power A/S (Ørsted Wind Power A/S)

+45 99 551 111

Electric Power Generation, Transmission and Distribution Industry; 1,000 employees; 337 companies in the corporate family

\$1.48 billion (2020)

...V...

Ørsted Bioenergy & Thermal Power A/S (DONG Energy Thermal Power A/S)

+45 99 551 111

Electric Power Generation, Transmission and Distribution Industry; 750 employees; 337 companies in the corporate family;

\$850.53 million (2020)

Vestas

+45 9730 0000 (ask for IR)

Vice President, Head of Investor Relations (no names provided)

+45 2829 5383

MADLS@vestas.com

Specialist, Investor Relations

IUTAR@vestas.com

is the world's largest servicer of wind turbines and maintains more than 42,000 turbines with a combined capacity of 87,000 GW. Offshore turbines are offered through MHI Vestas Offshore Wind - a 50:50 joint venture with Mitsubishi Heavy Industries

\$2.3 billion (2020)

Ramboll Group A/S

+45 5161 1000

info@ramboll.com

13.61 billion DKK

Danske Commodities A/S

+45 88 338 181

Ingrid Holm

+45 8833 8181

power and gas trading industry; 350 employees; 782 companies in the corporate family; renewables - more than 5,700 MW under management, Danske Commodities is among the leading players in renewable generation in Europe; offer its services also in Austria, Benelux, Denmark, France, Germany, Italy, Poland and the UK

\$935.13 million (2020)

Energinet

+45 70 10 22 44

info@energinet.dk

Electric Power Generation, Transmission and Distribution Industry; 150 employees; 53 companies in the corporate family; We own and develop electricity and gas networks in Denmark to incorporate more renewable energy and maintain security of supply; is an independent public company under the Ministry of Climate, Energy and Supply; involved in solar cells, wind and biogas

\$905.59 million (2020)

Seas-Nve Strømmen Elforsyning A/S (Seas-Nve Strømmen A/S)

+45 70 292 900

+45 72 10 31 18 customer service

Electric Power Generation, Transmission and Distribution Industry; 40 companies in the corporate family; sells electricity and gas

\$738.35 million (2020)

LM Windpower

Duncan Berry, CEO

Ksenia Valtysheva, CFO

+45 79 84 00 00 (Denmark)

+31 20 30 43 700 (Netherlands)

info@lmwindpower.com

\$703.21 million (2020)

Ke Varme P/S (Hofor Fjernvarme P/S)

+45 395 3395 customer service

kundeservice@hofor.dk

hofor@hofor.dk main email?

Water, Sewage and Other Systems Industry; 68 employees; 1,597 companies in the corporate family; owns the pipes and systems that make it possible to supply our customers in Copenhagen with district heating; no employees, as all operation, maintenance and administration etc. is handled by the group's service company HOFOR A / S.

\$418.02 million (2020)

C.F. Nielsen AS (affiliated with RUF Briquetting in Ohio)

+45 9833 7400 Denmark

sales@cfnielsen.com

<https://cfnielsen.com/contact-cfn>

manufactures equipment and machinery that turns biproducts like wood waste into bricks; also industrial, agriculture and biofuel applications  
no financial information

For companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.dk.html?page=1>

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## Poland<sup>6</sup>

Polska Grupa Energetyczna S.A.

Filip Osadczuk, Head of Investor Relations

+48 22 340 12 24

Filip.Osadczuk@gkpge.pl

Poland's largest energy sector company; goal - generation of environmentally friendly energy; 5.33 consumers

\$11.4 billion

...V...

PGE Górnictwo i Energetyka Konwencjonalna S.A. & PGE Capital Group

+48 48 447 37 7300 d&b

+48 44 737 73 00

kancelaria.giek@gkpge.pl

Zbigniew Fałek, Vice-President of the Management Board for Investments

Electric Power Generation, Transmission and Distribution Industry; 14,627 employees; 3,756 companies in the corporate family; the largest generator of electricity and heat in the country

\$5.95 billion (2020)

...V...

Tauron Polska Energia SA

Krzysztof Surma, VP of the Management Board for Finance

Contacts for investors

Marcin Lauer

marcin.lauer@tauron.pl

+32 774 27 06

Paweł Gaworzyński

pawel.gaworzynski@tauron.pl

+32 774 25 34

Katarzyna Heinz

katarzyna.heinz@tauron.pl

+32 774 25 38

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<sup>6</sup> In September 2021 the Poland currency was 0.26 vs. the USD - for the purpose of this compilation the currency conversion will be 25%.

Miroslaw Szczygieski  
miroslaw.szczygielski@tauron.pl  
+48 516 112 858

52 TWh of electricity to over 5.6 million customers; 475 employees; 67 companies in the corporate family; the parent company of Tauron Group with 26,000 employees  
\$5.38 billion (2020)

...V...

TAURON Sprzedaż sp. z o.o.  
+48 483 260 606 06

Electric Power Generation, Transmission and Distribution Industry; 288 employees; 67 companies in the corporate family  
\$2.41 billion (2020)

...V...

Zespół Elektrociepłowni Wrocławskich KOGENERACJA S.A.  
+48 48 713 238 130

Investor contact

Anna Draczyńska-Kapłon  
+48 71 32 38 152

Anna.Draczynska-Kaplon@kogeneracja.com.pl

Water, Sewage and Other Systems Industry; 405 employees; 3,756 companies in the corporate family; also construction of heating networks; 3 production plants with electric capacity and thermal capacity  
\$503.83 million (2020)

Enea SA  
+48 486 1884 5544  
kontakt@enea.pl

fourth largest energy group in Poland; 2.4 million customers; going to invest over 20 billion Polish zlotys. The money will be used primarily for the expansion and modernization of power plants and transmission lines, and for the development of green energy sources; 402 employees; 3,779 companies in the ENEA S A corporate family. Subsidiary Enea Elektrownia Połaniec S.A. \$717.39 million (2020)  
\$4.81 billion (2020)

PGE Obrót S.A.

+48 484 222 222 22

Robert Choma, Chairman of the Board

Electric Power Generation, Transmission and Distribution Industry; 1,570 employees; 3,756 companies in the corporate family; trades in electricity throughout the country

\$3.04 billion (2020)

Energa SA

Investor Relations

investor.relations@energa.pl

Marcin Chanke

+48 58 771 85 58

727 500 927 (c)

marcin.chanke@energa.pl

Katarzyna Tadeusiak-Wądołowska

+48 58 771 85 58

katarzyna.tadeusiak-wadolowska@energa.pl

Karolina Rorbach-Nagel

+48 58 778 84 77

karolina.rorbach-nagel3@energa.pl

Kacper Grządziel

+48 58 52 79 735

kacper.grzadziel@energa.pl

generation, sale and distribution of electricity and heat; almost 3 million customers; 159 companies in the corporate family.

\$3.29 billion (2020)

PGNiG Obrót Detaliczny

+48 482 258 945 31

Investor Relations

Marcin Piechota, Vice-President for Economic Affairs

+48 22 106 4322

marcin.piechota@pgnig.pl

<https://en.pgnig.pl/investor-relations/contact>

Natural Gas Distribution Industry; 2,545 employees; 3,756 companies in the corporate family; state-controlled oil and gas company; has branches in Russia, Pakistan, Belarus and Ukraine; one of the largest companies in Poland, the largest in oil and gas exploration and production company

\$2.82 billion (2020)

...V...

PGNiG Termika

Water, Sewage and Other Systems Industry; 1,125 employees; 3,756 companies in the corporate family

\$560.44 million (2020)

Polskie Sieci Elektroenergetyczne SA

+48 48 22 242 2600

pse@pse.pl

sekretariat@pse.pl (Secretariat of the Management Board)

Electric Power Generation, Transmission and Distribution Industry; 2,317 employees; 3,756 companies in the corporate family; electricity supplied to our homes is generated in power plants - mainly lignite or hard coal-fired thermal power plants; transmission of energy to the recipient by way of an extensive network of lines and power stations; notes that climate neutrality results in the growing demand for green energy

\$2.42 billion (2020)

Polskie Sieci Elektroenergetyczne

2,317 employees; 3,779 companies in the corporate family.

\$2.35 billion (2019)

Energa Obrót S.A. & The Energa Group

+48 48 587 402 800

Electric Power Generation, Transmission and Distribution Industry; 912 employees; 159 companies in the corporate family; the generation, distribution and suppliers of electricity to approximately 2.7 million people in Northern Poland; third largest distribution network operator in the country; and also provides the installation of solar panels

\$1.83 billion (2020)

Veolia Energia Polska S.A. & The Veolia Group\*

+48 48 225 688 110

<https://www.veolia.pl/kontakt#no-back>

Luiz Hanania, Financial director of the Veolia Group

Water, Sewage and Other Systems Industry; 153 employees; 5,483 companies in the corporate family; high-class services in the field of collective water supply, drinking water treatment, process water preparation, sewage collection and treatment and sewage sludge management for local governments and industry; claims to be a leader in the ranking of decarbonization initiatives; focus is hydrogen solutions

\* its purpose is ecological transition, including fighting water pollution, decontaminating soil, acting on air pollution, fighting plastic pollution and hazard waste treatment; contribute to the circular economybiowaste management, improving energy performance, sewage sludge as a source of green energy, turning wastewater into a source of thermal energy

\$1.71 billion (2020)

PGE Dystrybucja S.A., The Polish Energy Group

+48 48 817 105 702

Bartosz Zawisza (majored in finance and has professional experience in the area)

Electric Power Generation, Transmission and Distribution Industry; 10,272 employees; 3,758 companies in the corporate family; a state-owned public power company and the largest power producing company in Poland - electricity distribution - is largely controlled by the Polish State Treasury; does not provide customer service in matters related to the sale of electricity and other Distribution System Operators

\$1.59 billion (2020)

ENEA Wytwarzanie Sp. z o.o. & The Enea Group

+48 48 486 142 414

Investor Relations - Enea Group - no direct contact info

Electric Power Generation, Transmission and Distribution Industry; 1,987 employees; 3,756 companies in the corporate family; one of the largest viz. generation and distribution of electricity, plus being in the energy trade; 2.7 million recipients of what's distributed; the Group stated it wanats to achieve climate neutrality

\$1.44 billion (2020)

PGE Energia Ciepła SA & The PGE Group

+48 48 126 209 898 d&b

+ 48 22 55 65 300/01

sekretariat.pgeec@gkpge.pl

Radosław Woszczyk (finance credentials)

Electric Power Generation, Transmission and Distribution Industry; 3,397 employees; 3,756 companies in the PGE ENERGIA CIEPŁA S A corporate family; the largest producer of electricity and heat in Poland, mostly to the largest cities  
\$1.39 billion (2020)

Polska Spółka Gazownictwa (Polska Spółka Gazownictwa sp. z o.o.) & PGNiG Capital Group

+48 48 223 637 100

Piotr Staron, Member of the Management Board for Economic and Financial Affairs Natural Gas Distribution Industry; 11,500 employees; 3,756 companies in the corporate family; the largest operator of a gas distribution system in Europe; over 190 thousand. Kms of gas pipelines; 7.1 million customers  
\$1.27 billion (2020)

Zespół Elektrowni Pątnów Adamów Konin SA

+48 48 632 473 000

Investor Relations

Małgorzata Kędzierska - Investor Relations Specialist

+48 63 247 3500

ri@zepak.com.pl

Electric Power Generation, Transmission and Distribution Industry; 958 employees; 46 companies in the corporate family; the second largest domestic producer of electricity obtained from lignite and the fourth producer of electricity in Poland; adopted the goal of energy transformation from coal to green energy;  
\$1.07 billion (2020)

Energa Operator S.A.

+48 48 587 788 200

Electric Power Generation, Transmission and Distribution Industry; 5,197 employees; 159 companies in the corporate family; the Distribution System Operator operating in the northern and central part of the country (about 1/4 of the territory of Poland); 3 million households and companies; operate over 184 thousand Kms of electric lines of all voltages  
\$1.06 billion (2020)

Axpo Polska Sp. z o.o. (Swiss subsidiary)

+48 48 224 525 300

Electric Power Generation, Transmission and Distribution Industry; 53 employees;  
1,232 companies in the corporate family

\$889.31 million (2020)

PKP Energetyka S.A.

+48 48 223 919 000

bok@pkpenergetyka.pl

Electric Power Generation, Transmission and Distribution Industry; 3,126 employees; 14 companies in the PKP ENERGETYKA S A corporate family; electricity services and energy for railways; sell and supply electricity to traction and business customers. We also specialize in electricity services; is owned by one of the largest investment funds in the world - CVC Capital Partners; projects co-financed from EU funds;

\$812.32 million (2020)

For companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.pl.html?page=1>

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## **Netherlands**

Enexis Netbeheer B.V.

+31 88 857 7777

Electric Power and Natural Distribution Industry; 4,700 employees; 21 companies in the corporate family; grid operator; ensure reliable gas and electricity networks - the construction of the energy network and its management, maintenance and development; acknowledges the growth of initiatives for sustainability projects - working hard on the energy system of today and tomorrow; offers to register solar panels

\$1.71 billion (2020)

N.V. Nederlandse Gasunie

+31 50 521 9111

Investor Relations

Treasury Department

ir@gasunie.nl

<https://www.gasunie.nl/en/organisation/investor-relations/contact>

transports natural gas throughout the Netherlands and northern Germany through 15,500 kilometers of pipelines and receiving stations; the gas infrastructure company provides research and engineering services; moving from being a gas transmission company to an energy infrastructure company; mainly natural gas, but the energy transition will increasingly bring about a shift towards green gas and hydrogen; also collaborate in the construction and management of heat and CO2 grids

\$1.41 billion (2019)

Enexis Holding N.V. & The Enexis Group

+31 88 857 7777

Investor Relations

Maarten Michalides, Head of Treasury

+31 88 857 9919

maarten.michalides@enexis.nl

Electric Power Generation, Transmission and Distribution Industry; 4,317 employees; 21 companies in the corporate family; manage electricity grids; the company stimulates, coordinates, facilitates and finances initiatives, partnerships, innovative strength and knowledge to accelerate the energy transition; wants to shape the energy supply of the 21st century

\$1.41 billion (2020)

...V...

Enexis Netbeheer B.V. & The Enexis Group

+31 90 078 08 700

Electric Power Distribution Industry; 250 employees; 21 companies in the corporate family; a grid operator

\$1.08 billion (2020)

TenneT TSO (TenneT TSO B.V.)

+31 26 373 1111

Otto Jager, CFO

Investor Relations

Gerard Kits, Head of Treasury

+31 26 373 3155

gerard.kits@tennet.eu

Electric Power Generation, Transmission and Distribution Industry; 1,442 employees; 1,593 companies in the corporate family; grid operator; 23,500 kilometres of high-voltage lines crossing borders and connecting countries; by 2030, the originally planned capacity of 15 gigawatts of offshore wind energy will increase to 20 GW; seeks to be a key player in the North West European energy market. We continue to work closely with our European partners to further integrate the electricity market; working on cross border connections with Norway, UK, Germany to Norway, Netherlands to Denmark  
\$1.33 billion (2020)

Gas Transport Services (Gasunie Transport Services B.V.)  
+31 50 521 2250 d&b  
+31 50 521 33 33 shipper customer desk  
customerdesk@gastransport.nl  
Bart Jan Hoevers, Managing Director  
Natural Gas Distribution Industry; 1,593 companies in the corporate family; offer gas transport service  
\$1.11 billion (2020)

Energiedirect B.V.  
+31 90 033 473 28  
Electric Power and Natural Generation, Transmission and Distribution Industry; 294 employees; 1,121 companies in the corporate family; supplies electricity and gas to private and business customers. The energy supplier is a brand of the German E.ON; about 18% of electricity production was sustainable in 2019 which not enough to provide all Dutch households with green energy - so obtain green electricity from from 100% European wind energy  
\$1.08 billion (2020)

Liander (Liander N.V.)  
Electric Power and Natural Gas Distribution Industry; 400 employees; 55 companies in the corporate family; make it possible for others to supply consumers with energy by laying cables and pipes and manage the energy network in customers' region - 3.2 million Dutch households and companies; looking to create an eMobility charging infrastructure  
\$1.08 billion (2020)

Stedin Netbeheer B.V.

+31 88 895 6859

Electric Power and Natural Gas Distribution Industry; 337 employees; 30 companies in the corporate family; this year investing €584 million in the energy infrastructure of tomorrow - laying 680 Kms of electricity cables and 242 Kms of gas pipelines; the energy transition requires major adjustments to the energy grid; more than 2.2 million customers

\$1.08 billion (2020)

AgroPower B.V. & The Eneco Group (also in Belgium)

+31 88 895 4545

info@agro-energy.nl

Electric Power Generation, Transmission and Distribution Industry; 191 companies in the corporate family; was founded in 2001 as an energy collective for horticulture; an energy partner for greenhouse horticulture; working towards a climate-neutral future

\$647.30 million (2020)

Greenchoice B.V.

+31 10 478 2326

Electric Power Generation, Transmission and Distribution Industry; 500 employees; 44 companies in the corporate family; green electricity and gas; forest compensated gas - natural gas consumption is compensated by planting and protecting trees (the company supports forest projects in Uganda, Indonesia, Peru, Zimbabwe, Tanzania and Brazil); also provides solar panels - 180,000 of their customers are already doing this

\$610.74 million (2020)

Royal Haskoning DHV

Jasper de Wit, CFO

+31 88 348 20 00

Brenda.ros@rhdhv.com

€609 million

Eneco Energie

+31 88-895 1111

Jeanine Tijhaar, CFO

CorporateCommunicatie@eneco.com

Total investments, excluding mergers and acquisitions, amounted to €385 million; 5.9 million customers; 2020 renewable capacity increased by 202 MW; Oxxio a subsidiary  
€484 million (2020)

Essent Vandebron

<https://vandebron.nl/contact>

company energiedirect.nl

+31 900 334 7328

Powerhouse: <https://powerhouse.net/contact>

Nov 2019: sustainable energy company Vandebron and market leader in the Dutch energy market Essent (including Essent, Powerhouse, energiedirect.nl) announce that they will continue together; Jan 2021) Essent, Vandebron and Energiedirect.nl together served more than three million people in 2018, making them the largest energy suppliers of the Netherlands; both are brands from German-based innogy, itself a subsidiary of RWE

Nuts Groep BV

+31 20 205 0973

[info@nutsgroep.nl](mailto:info@nutsgroep.nl) (investment contact)

Wilbert Schutrups, CFO

power and gas supplier; Dutch and Belgian markets

\$250 million (2020)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.nl.html?page=1>

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## United Kingdom

Centrica

Kate, Group CFO

20.8 billion (2020); 22.7 billion (2019)

Martyn Espley, Group Head of Investor Relations

[Martyn.Espley@centrica.com](mailto:Martyn.Espley@centrica.com)

+44 1753 494 900

Jim Ryan, Director, Investor Relations  
Jim.Ryan@centrica.com  
+44 1753 494 900  
25,000 employees with most working for British Gas  
€21 billion (2020)

National Grid PLC  
+44 19 26 653 000 d&b  
+44 20 7004 3000

Electric Power and Gas Transmission and Distribution Industry; one of the world's largest publicly listed utilities focused on transmission and distribution of electricity and gas; owns and operates England and Wales' electricity infrastructure and operates Scotland's (Scotland's infrastructure is owned separately), which together span over 7,210 kilometers of overhead lines; also operates the UK's gas transmission infrastructure, including some 7,630 kilometers of pipeline; UK customers are mainly electricity generation and gas shipping companies; in the US, subsidiary National Grid USA (infra) manages electricity generation & transmission assets and gas distribution networks in the New England region of the US, reaching 20 million people. National Grid PLC also conducts liquefied natural gas (LNG) business in the UK and US. Majority of the company's sales were generated in the US  
\$20.83 billion (2020)

...V...

National Grid Electricity Transmission PLC  
+44 207 004 3000

Electric Power Generation, Transmission and Distribution Industry; 2,784 employees; 399 companies in the corporate family  
\$2.78 billion (2020)

...V...

National Grid Gas PLC  
+44 20 7004 3000 d&b  
+44 20 7938 0500

info@bbenergy.com  
<https://www.bbenergy.com/contact>

Natural Gas Distribution Industry; the less powerful UK energy unit of powerhouse parent National Grid, National Grid plc owns, operates and maintains a regional UK gas transmission and distribution grid; connects regulated gas suppliers to 10.9

million residential and business consumers in the UK gas market; the company also operates liquefied natural gas storage facilities and provides metering services. National Grid Gas' four regional gas distribution systems comprise of 82,000 miles of distribution pipeline, conveying gas to residential, commercial, and industrial end-users on behalf for 26 gas shippers; offices in the US, Turkey, UAE, Singapore, Turkey, Morocco, Russia, Lebanon, Malaysia, Belgium and Greece;  
\$1.58 billion (2020)

Octopus Energy Group  
+44 33 334 422 68 d&b  
hello@octopus.energy  
Stuart Jackson, CFO

green energy supplier in the UK; 10 businesses in 6 countries across 3 continents; serves more than 2 million domestic customers, over 25,000 business customers, with 17 million contracted accounts for our entech platform; also eMobility; a British renewable energy group specialising in sustainable energy; established in 2015 as a subsidiary of Octopus Group, a British asset management company; operations in the UK, Germany, Australia, Japan, New Zealand and the United States

September 27th: Al Gore's firm buys £483m stake in Octopus Energy Group  
\$1.51 billion in sales (2020)

British Gas (subsidiary of Centrica)  
directed to Centrica's investor relations dept; 315 companies in the corporate family; 30 thousand employees  
\$1.29 billion (2020)

E.ON UK (subsidiary of German utility E.ON)  
+44 24 7618 3145

Christian Barr, Chief Financial Officer  
3.9 million customers

<https://www.eonenergy.com//contact.html>

electricity & natural gas to 5 million non-regulated retail customers; regulated power utility assets, and operates conventional and renewable energy-based power plants with a generating capacity of about 10,400 MW  
\$1.24 billion (2020)

Npower (acquired by Eon UK)  
1,228 employees; 1,125 companies in the corporate family  
\$4.26 billion (2020)

Scottish Power Limited  
+44 141 614 0007  
7,112 employees; 2,474 companies in the corporate family  
\$6.87 billion (2020)

Scottish Power Renewables (UK) Limited (subsidiary of Iberdrola group *infra* Spain)  
+44-141 614 0000  
Keith Anderson, Chief Executive Officer  
at the forefront of the development of the renewables industry; ambitious growth plans include expansion of its existing onshore wind portfolio, investment in new large scale solar deployment and innovative grid storage systems including batteries. The company is also delivering the Iberdrola Group's offshore windfarms in the Southern North Sea off East Anglia; 494 employees; 2475 companies in the corporate family  
\$6.5 billion (2020)

EDF Energy (EDF Renewables subsidiary)  
Rob Guyler, Chief Financial Officer  
+44 333 009 7155  
info@edf-re.com  
£8.03 billion

SSE plc (Scotland, owns nearly 35% of SGN)  
+44 1738 456 000  
Renewables ph # +44 1738 456 000  
Gregor Alexander, Finance Director  
electricity generation, energy portfolio management, gas storage, and gas production; more than 10,530 MW  
\$9.62 billion (2021); 6.8 billion (2020)

Drax Group

+44 17 57 618 381

<https://www.drax.com/contact-us/#contact-us-enquiry-form>

Mark Strafford, Head of Investor Relations

mark.strafford@drax.com

has bragging rights when it comes to operating the largest coal-fired power plant in Europe; the UK's 4th largest generator which meets some 5% of the UK's power requirements and generates more than 10% of the country's renewable power - bioenergy (wood pellets); Drax cuts emissions by over 90% to become one of Europe's lowest carbon power generators; brags the successful conversion of the power station to run on sustainable biomass is Europe's largest decarbonisation project

\$5.63 billion (2020)

OVO (S) Energy Services Limited

+44 345 076 7649 Talk to us about your organization's net zero strategy

Electric Power Generation, Transmission and Distribution Industry; 7,419 employees; 33 companies in the corporate family; the company's Whole System approach accelerates your transition to net zero and creates a more resilient and sustainable energy system by investing in, building and connecting localized flexible infrastructure

\$4.70 billion (2020)

...V...

OVO (S) Electricity Limited

+44 800 048 3516

Electric Power Generation, Transmission and Distribution Industry; 8,587 employees; 33 companies in the corporate family; nothing on website about what it does

\$2.91 billion (2020)

Centrica Energy Marketing Limited

Martyn Espley, Group Head of Investor Relations

+44 1753 494 900

ir@centrica.com

Electric Power Generation, Transmission and Distribution Industry; 312 companies in the corporate family; photos of eMobility charging and wind farms

\$3.14 billion (2020)

Thames Water Utilities Limited

+44 118 373 8000

Brandon Rennet, CFO

the UK's largest water supplier; the company is controlled by Kemble Water, a Macquarie-backed investment concern; the principal activity is that of an appointed water and wastewater services provider, including acting as a retailer for household customers; serves 15 million people in London and the Thames Valley; operates over 95 water treatment plants, pumping stations and reservoirs; on the wastewater side of the business it operates about 354 sewage treatment plants; working hard to improve the water and sewer networks across London and the Thames Valley to make sure they can cope with current and future demands; building the 15-mile-long Thames Tideway Tunnel, also known as the 'Super Sewer'; the new tunnel will pipe sewage to our Beckton works; after that, we'll return clean water to the environment - and use the sewage waste to generate more renewable energy too.

\$2.97 billion (2020)

Cadent Gas Limited

+44 247 605 2639

Natural Gas Distribution Industry; 4,105 employees; 12 companies in the corporate family; gas to 11 million homes and businesses

\$2.92 billion (2020)

TotalEnergies Gas & Power Limited

+44 207 718 6000

Jean-Pierre Sbraire, CFO

Natural Gas Distribution Industry; 665 employees; 5,376 companies in the corporate family; explore for and produce oil & gas and renewable energies, including bioenergies; to support this expected demand growth the goal is to achieve 100 gigawatts of installed renewable power generation capacity by 2030 through the development of solar and wind energy businesses around the world; have developed strong positions across the entire value chain in solar energy from design and construction of solar power plants, operation and distribution; a presence around the world; a pioneer in biofuels for more than 20 years as well as a bioplastics producer, the company sees itself as having a role in the future of the bioenergies sector and the development of all biomass conversion pathways

\$2.59 billion (2020)

United Utilities Water Limited & United Utilities Group

+44 192 523 7000

Phil Aspin, CFO

<https://www.unitedutilities.com/corporate/investors/credit-investors/credit-investor-contact>

Water, Sewage and Other Systems Industry; 3,906 employees; 45 companies in the corporate family; responsible for water and wastewater services in the North West of England

\$2.53 billion (2020)

The UK Power Networks

+44 800 029 4285

<https://www.ukpowernetworksservices.co.uk/contact>

Ian Smyth, Director of UK Power Network Services

owns and maintains electricity cables and lines across London, the South East and East of England; plus owns, operates, and manages three of nearly 15 electricity distribution network in Great Britain covering an area of approximately 30,000 km<sup>2</sup> and delivering power to some 8.3 million homes and business; eMobility - implemented a smart new electric vehicle charging system to power UPS's central London delivery fleet for what is believed to be the first time in the world on this scale; the smart charging solution combines an Active Network Management system with battery storage, ensuring the depot's electricity demand will not exceed the network's limit and prevent significant investment in network electrical infrastructure; investigating the creation of remote offsite access for the control and monitoring of Heathrow Airport's electricity distribution network that meets the airport's high-level security requirements and allows staff to control the electricity network when access to the airport is restricted; worked with UPS, High Speed 1 and WMG to assess the feasibility of using wireless charging to support the use of electric vehicles in commercial fleets on London's roads; Ampaire is a technology company that is developing, and flying, hybrid-electric aircraft to propel the aviation industry to an all-electric future. The company recently delivered a successful demonstration of its hybrid Electric EEL aircraft, flying 85 miles between Exeter Airport and Cornwall Newquay Airport

...V...

South Eastern Power Networks PLC

Ian Smyth, Director

Electric Power Generation, Transmission and Distribution Industry; 13 employees; 61 companies in the corporate family

\$641.98 million (2020)

Severn Trent Water Limited

+44 115 971 3550 d&b

+44 800 783 4444

Water, Sewage and Other Systems Industry; 8,282 employees; 81 companies in the corporate family; a regional, state-owned water authority based in the Midlands and responsible for water supply management, and wastewater treatment and disposal. Located in the catchment areas of two of Britain's largest rivers - the Severn and the Trent; the company already generates the equivalent of 28% of its own energy use from renewable sources; it's used at Severn Trent Water sites or exported to the national grid; now working to increase energy production from renewable sources even further, to 50% of consumption by 2020; currently researching, investigating and working on new projects to use a variety of renewable technologies: sewage, solar, crops, water, wind, food waste

\$2.40 billion (2020)

Western Power Distribution PLC

+44 800 096 3080

Ian Williams, Group Finance Director

Electric Power Generation, Transmission and Distribution and Waste Management Industry; 10 employees; 50 companies in the corporate family; power distribution; from April 2015 to March 2023 the company will invest £7.1 billion in its network - keeping the lights on for 8 million customers; continue to work closely with waste contractors ensuring that where possible waste streams are diverted from landfill and that we always apply the principle of the waste hierarchy - the vast majority of waste is now recycled or recovered at waste to energy plants - reference metal, cable, dry mixed recyclables, general waste, wood, organics, redundant wood poles and hazardous waste

\$2.36 billion (2020)

AWG Parent Co. Limited

+44 845 791 9155

Water, Sewage and Other Systems Industry; 12,386 employees; 107 companies in the corporate family; provides water to 4.3 million people; clean a billion litres of used water in over 1,000 water recycling works, every single day; protect our rivers and waterways by recycling used water from homes and businesses and safely returning it to the environment; protects biodiversity; installing the region's

largest solar array; always developing renewable energies; in we became the first water company to commit to rid the region of plastic pollution by 2030; currently generating around 30% of its own energy from renewable sources like bio-resources, wind and solar power which is significantly reducing carbon emissions - one target is to hit 44% over the next five years; constantly looking at sustainable ways to manage where the rain lands and managing surface water to ensure our region is resilient enough to deal with heavy rainfall  
\$2.31 billion (2020)

Thames Water Limited

+44 845 920 0888

Sarah Bentley, CEO

Water, Sewage and Other Systems Industry; 11,573 employees; 41 companies in the corporate family; serve 15 million customers across London and the Thames Valley; clean water and wastewater networks from small residential developments to large-scale commercial developments  
\$2.20 billion (2020)

Scottish Water

+44 845 601 8855 d&b

+44 800 0778 778

Water Distribution and Waste Management Industries; provides regulated water and wastewater services to 5 million customers in about 2.6 million homes and over 152,800 businesses; one of five largest water utilities in the UK, operates some 30,400 miles of water mains, some 33,655 miles of sewers, over 235 water treatment works and more than 1,825 wastewater treatment works; collects and treats more than 900 million liters of waste water every day from households, businesses, industry and drainage from roads and roofs; it's focusing on upgrading its provision of clean drinking water, making its services more efficient and helping to improve the environment by protecting the watersheds that supply the company's water; also has other units which are engaged in retail and trading activities; the company strives to find ways to be increasingly sustainable in how we deliver those services - this includes supporting Scotland's ambitions for renewable energy generation and carbon reduction  
\$1.99 billion (2020)

Bulb Energy Ltd.

+44 300 303 0635

Electric Power Generation, Transmission and Distribution Industry; 4 companies in the corporate family; a green gas and electricity supplier for home and business; provide our members with 100% renewable electricity from solar, wind and hydro. And gas is 100% carbon neutral; one of the biggest buyers of green gas for homes in the UK so a chunk of the gas mix comes from renewable sources; source electricity from wind, solar and hydro and work with generators of all different sizes, from small-scale sites to large-scale off-shore wind farms  
\$1.97 billion (2020)

Anglian Water  
+44 871 677 0123

Water Distribution and Waste Management Industries; the largest water and water recycling company in England and Wales by geographic area. We supply water and water recycling services to almost seven million people in the East of England and Hartlepool; provides regulated water, wastewater and environmental services to some 6 million residential, commercial and industrial customers primarily in eastern England; the main operating subsidiary provides drinking water to 4.6 million customers across East Anglia and the East Midlands, supplying 1.2 billion liters of water daily; maintains a network of more than 37,876 Kms of water mains and treats wastewater (from 6 million customers) at its more than 1,100 sewage treatment works; were the first water company to set ambitious targets on reducing both capital and operational carbon. We've exceeded our 2020 goals and are on track to reach, and help others to reach, net zero carbon by 2030, as well as reducing carbon in building and maintaining our assets by 70 per cent against a 2010 baseline, by the same date; investing over £300m in our region - list at: <https://www.anglianwater.co.uk/environment/investing-to-protect-the-environment>  
\$1.91 billion (2020)

Drax Energy Solutions Limited  
+44 147 372 5943 d&b  
+44 147 327 7556  
[contactteam@drax.com](mailto:contactteam@drax.com)

<https://energy.drax.com/contact-us/new-customers-contact-us>

Electric Power Generation, Transmission and Distribution Industry; 381 employees; 46 companies in the corporate family; supply 100% renewable source electricity and energy solutions - the UK's largest supplier to businesses and organisations; eMobility - electrifying customers' fleet and improving the efficiency of their electric asset; developing Bioenergy with Carbon Capture and Storage technology  
\$1.82 billion (2020)

RWE (RWE Generation UK PLC, a German subsidiary)

+44 17 938 77 777

Electric Power Generation, Transmission and Distribution Industry; 1,000; 586 companies in the corporate family

\$1.57 billion (2020)

...V...

RWE Renewables UK Swindon Ltd.

Electric Power Generation, Transmission and Distribution Industry; 550 employees; 587 companies in the corporate family

\$768.53 million (2020)

Yorkshire Water (subsidiary of Kelda Group)

+44 127 469 1111

+44 1274 600 111 Kelda Group

Investor Relations

debtIR@keldagroup.com

Water Distribution and Waste Management Industries; provides drinking water and wastewater services to about 1.9 million households (approximately 5 million people) and approximately 135,000 business customers across the Yorkshire region; operates nearly 700 water and sewage treatment works, 120 reservoirs and 83,000km of water and sewer mains, and supplies more than 1.2 billion liters of drinking water per day to homes and businesses. The company also collects, treats, and disposes of about 1 billion liters of wastewater; Kelda Group Chief Executive Liz Barber

\$1.55 billion (2020)

Octopus Energy Limited

hello@octopus.energy

Electric Power Generation, Transmission and Distribution Industry; 433 employees; 114 companies in the corporate family; supply energy to over 2 million UK homes; backed by Octopus Investments, the UK's largest investor in solar power, responsible for nearly 40% of the nation's large scale solar generation

\$1.47 billion (2020)

The Drainage Company Limited

+44 12 963 26 111

<https://www.ukseptictanks.co.uk/index.php?route=information/contact>  
Water, Sewage and Other Systems Industry; 8,510 employees; one of the largest septic tank suppliers in the UK  
\$1.47 billion (2020)

UK Power Networks (Operations) Limited  
+44 80 002 942 85  
<https://www.ukpowernetworksservices.co.uk/contact>  
Ian Smith, Director  
Electric Power Generation, Transmission and Distribution Industry; 5,259 employees; 61 companies in the corporate family; solve energy challenges through innovative solutions, delivering resilience, cost efficiency and sustainability; in aviation, rail, utilities, defense, logistics and fleet, manufacturing and industrial, ports, public sector, commercial and property development and nuclear  
\$1.41 billion (2020)

SSE Generation Limited  
+44 17 384 560 00  
Gregor Alexander, Finance Director  
Sally Fairbairn, Director of Investor Relations  
Electric Power Generation, Transmission and Distribution Industry; 763 employees; 1,232 companies in the corporate family; a leading developer and operator of renewable energy across the UK and Ireland - onshore wind, offshore wind and hydro; recognizes the United Nations Sustainable Development Goal; aiming to treble our renewable energy output from 2019 levels to 30TWh by 2030, making a significant contribution to decarbonising the power sector and achieving net zero emissions by 2050  
\$1.40 billion (2020)

SP Energys Networks (Scottish Power Energy Networks Holdings Limited)  
+44 80 009 29 290  
Investment website  
[dgsr@communityrelations.co.uk](mailto:dgsr@communityrelations.co.uk)  
[https://www.spenergynetworks.co.uk/pages/dumfries\\_galloway\\_contact\\_us.aspx](https://www.spenergynetworks.co.uk/pages/dumfries_galloway_contact_us.aspx)  
Electric Power Generation, Transmission and Distribution Industry; 400 employees; 2,475 companies in the corporate family; electricity transmission and distribution; investing billions of pounds to modernise and expand the network to ensure the safety and security of the electricity supply

\$1.33 billion (2020)

SGN

customer srvs: +44 800 912 1700

[investor.relations@sgn.co.uk](mailto:investor.relations@sgn.co.uk)

manages Scotland's pipe network and gas meters; goals - reducing leakage from our pipes, using only 100% renewable energy or rolling out zero-emission vehicles  
£1.27 billion (2019-2020); £206.3 million after investing activities

Northumbrian Water Group Limited

+44 34 560 47 468

provides water utility services in both northern and southern England; its primary subsidiary, Northumbrian Water Limited, provides water and wastewater services to 2.7 million people in North East England; provides water to some 1.9 million people in South East England, where it operates as Essex and Suffolk Water  
\$1.21 billion (2020)

Southern Water Services Limited

+44 19 032 64 444

<https://www.southernwater.co.uk/help-advice/contact-us>

provides water to more than 2.5 million households in South East England and wastewater services to more than 4.5 million households; has about 85 water treatment works, more than 205 water supply booster stations and another over 365 wastewater treatment works; maintains a network of about 14,000 Kms of water mains; also recycles sewerage sludge for use in agriculture  
\$1.16 billion (2021)

Glas Cymru Holdings Cyfyngedig

<https://account.dwrcymru.com/en/online-services/contacting-on-behalf-of-someone-else.aspx>

Water, Sewage and Other Systems Industry; 13 companies in the corporate family; is a single purpose company formed to own, finance and manage Welsh Water; a private company with no shareholders, financed in the capital markets with no government support; over £6 billion in investments since 2001 to improve drinking water quality, environmental protection and customer service with similar amounts to come; has no shareholders  
\$1.10 billion (2020)

...V...

Glas Cymru Anghyfyngedig

+44 14 434 52 300

Not-for-profit holding company Glas Cymru owns Dwr Cymru Welsh Water, one of the largest regulated water and sewerage companies in the UK; Welsh Water distributes water and provides wastewater services to 1.4 million household customers and more than 110,00 business customers in Wales and England; has a network of 92 reservoirs, 105 water treatment works, 715 service reservoirs and more than 530 pumping stations; the company supplies 800 million liters of drinking water daily through its 27,000-km network of water mains; its sewer system includes 19,000-km of sewers and more than 800 wastewater-treatment works

\$1.09 billion (2021)

Water Plus Group Limited

+44 17 824 09 641

+44 345 072 6072 customer service

<https://www.water-plus.co.uk/contact-us>

primarily engaged in distributing water for sale for domestic, commercial, and industrial use; a joint venture between United Utilities and Seven Trent and the largest water retailer in the UK - with more than 350,000 customers - and service the full business customers from small independents to largest national chains

\$1.02 billion (2021)

Atlantica Sustainable Infrastructure plc

Investor Relations

Leire Perez

+44 203 499 04 65

[ir@atlantica.com](mailto:ir@atlantica.com)

<https://www.atlantica.com/web/en/investors/investor-relations-contact>

The company acquires, operates and invests in renewable energy, natural gas, electric transmission lines and water assets, focused on North America (US and Mexico), South America (Peru, Chile and Uruguay) and EMEA (Spain, Algeria and South Africa); with interests in more than 20 assets, Atlantica boasts capacity of 1,450 MW of renewable energy generation, 300 MW of efficient natural gas power generation, 10.5 M ft<sup>3</sup> per day of water desalination and some 1,100 miles of electric transmission lines; two energy companies, Abengoa and Algonquin, hold significant interests in Atlantica Yield

\$1.01 billion (2020)

VPI Immingham LLP

+44 20 7973 4200

<https://www.vpi.co.uk/contact>

Simon Hale, Investments

Electric Power Generation, Transmission and Distribution Industry; one of the leading Combined Cycle Gas Turbine (CCGT) operators; total portfolio is capable of generating enough to power for around 3 million homes; committed to being part of the UK's pathway to Net Zero. its efficient and flexible generation portfolio will complement an increased use of renewables as part of the energy mix;

\$982.70 million (2020)

Walney Extension Ltd. (a subsidiary of Denmark's Ørsted A/S)

+44 20 781 15 200

Electric Power Generation, Transmission and Distribution Industry; generating green electricity for almost 600,000 UK homes; the world's second largest offshore wind farm (wikipedia);

\$951.47 million (2020)

Morrison Water Services Limited

+44 33 012 30 324

[Customer.enquiriesWS@morrisonws.com](mailto:Customer.enquiriesWS@morrisonws.com)

<https://www.morrisonws.com/contact-us>

Tim Sargent, Business Development Director

Corporate Enquiries

Paul Gilbert, Head of Communications

[paul.gilbert@mgroupservices.com](mailto:paul.gilbert@mgroupservices.com)

Electric Power Generation, Transmission and Distribution Industry; 4,998 employees; 63 companies in the corporate family; the delivery of water and wastewater network renovation and renewal, along with all aspects of mechanical, electrical, instrumentation, control, automation and telemetry associated with above ground and below ground assets; services include design, construction, repair, refurbishment and renewal claims to be the leading service provider in the water and wastewater infrastructure sectors in the UK; a workforce of more than 2,500 operating daily in local communities;

\$940.40 million (2020)

Orsted Power Sales (UK) Limited (subsidiary of the Denmark company)

44 20 745 118 50

Electric Power Generation, Transmission and Distribution Industry; 337 companies in the corporate family;

\$814.72 million (2020)

SEPD (Southern Electric Power Distribution PLC)

+44 80 007 27 282

Electric Power Generation, Transmission and Distribution Industry; 2,396 employees; 232 companies in the corporate family; hydro

\$789.69 million (2020)

South West Water Limited & The Pennon Group

+44 13 924 46 688

a major subsidiary of Pennon Group, provides water and wastewater services to approximately 1.7 million people in England's South West region; maintains around 18,370 miles of water kilometers and operate some 650 sewage treatment works; using renewable energy sources that are self-generated through a combination of hydro power, combined heat, solar, and wind power

\$766.43 million (2021)

CFP Energy Limited

+44 15 345 00 417 d&b

+44 207 348 3500

contact@cf-partners.com

Electric Power Generation, Transmission and Distribution Industry; 375 employees; 2 companies in the corporate family; a leading provider of energy and environmental solutions for large and complex energy users; its mission is to drive clients' transition to a low-carbon economy by providing both physical and financial sustainable energy solutions

\$739.90 million (2020)

Western Power Distribution (West Midlands) Plc

+44 11 79 332 000 d&b

+44 800 096 3080

<https://www.westernpower.co.uk/contact-us/contacting-western-power/general-contact-enquiries>

Electric Power Generation, Transmission and Distribution Industry; 1,961 employees; 50 companies in the corporate family; providing the power, managing

the electricity distribution network for the Midlands, South West and Wales;  
supplying to millions of homes and businesses;  
\$739.51 million (2020)

Western Power Distribution (East Midlands) Plc

+44-1332827000

Electric Power Generation, Transmission and Distribution Industry; 1,889  
employees; 50 companies in the corporate family;  
\$722.46 million (2020)

South Hook Gas Company Ltd.

+44 20 723 43 500

<http://www.southhookgas.com/contact/>

Simon Hadlington, General Manager

Natural Gas Distribution Industry; 17 employees; 359 companies in the corporate  
family; one of the largest LNG importers in the UK  
\$738.13 million (2020)

Anglian Water Business (National) Limited

+44 33 32 079 283

[hello@wave-utilities.co.uk](mailto:hello@wave-utilities.co.uk)

<https://www.wave-utilities.co.uk/about/contact>

Water, Sewage and Other Systems Industry; 344 employees; 3 companies in the  
corporate family; a leading national water retailer; over 300,000 business  
customers  
\$719.43 million (2020)

Contract Natural Gas Ltd.

+44 14 2350 2554

Natural Gas Distribution Industry; 211 employees; 12 companies in the corporate  
family; over 45,000 business customers;  
\$718.34 million (2020)

ScottishPower Renewables (UK) Limited (subsidiary of Iberdrola group)\*

+44 141 614 0000

Electric Power Generation, Transmission and Distribution Industry; 494 employees; 2,475 companies in the corporate family; onshore and offshore wind, tidal and wave and solar

\* one of the world's largest utilities and the leading wind energy producer

\$651.18 million (2020)

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SP Distribution PLC

Electric Power Generation, Transmission and Distribution Industry; 744 employees; 2,475 companies in the corporate family

\$590.02 million (2020)

Wales & West Utilities Limited

+44 800 912 2999

Investor Relations

Ian Weldon, Head of Treasury and Tax

+44 (0) 2920 278841

ian.weldon@wwutilities.co.uk

Natural Gas Distribution Industry; 1,449 employees; 7 companies in the corporate family; the transportation of gas, the supply of transportation services to gas shippers and the ownership, operation and development of the gas transportation network in its area of operations

\$640.99 million (2020)

Electricity North West Limited

David Brocksom, Chief financial officer

<https://www.enwl.co.uk/about-us/contact-us/enquiry-form>

Electric Power Generation, Transmission and Distribution Industry; 1,189 employees; 19 companies in the corporate family; one of 14 distribution network operators in the UK regulated by Ofgem and the majority of electricity enters our network from the National Grid; responsible for maintaining and upgrading 13,000 km of overhead power lines and more than 44,000 km of underground electricity cables and much more; investing £1.9bn by 2023

\$617.88 million (2020)

Scottish Water Business Stream Ltd.

+44 330 123 2000

<https://www.business-stream.co.uk/contact-us/general-enquiries>

Water, Sewage and Other Systems Industry; 400 employees; 32 companies in the corporate family; water supplier to over 240,000 businesses  
\$617.10 million (2020)

Northern Powergrid (Yorkshire) PLC

+44 800 011 3332

Stephen Lockwood, Director of Finance (Interim) - Phil Jones, Chief Executive  
Electric Power Generation, Transmission and Distribution Industry; 1,119 employees; 130 companies in the corporate family; manage the electricity network for more than 8 million people across 3.9 million homes and businesses in the North East, Yorkshire and northern Lincolnshire  
\$581.45 million (2020)

Water Plus Limited

+44 345 072 6072

Water, Sewage and Other Systems Industry; 566 employees; 3 companies in the corporate family; largest water retailer in the UK with more than 350,000 customers - and a joint venture between two of the largest water companies in the UK, United Utilities and Severn Trent  
\$579.69 million (2020)

Scottish Hydro Electric Transmission plc

+44 173 845 6000 d&b

+44 800 048 3516 general enquiries

Electric Power Generation, Transmission and Distribution Industry; 642 employees; 232 companies in the corporate family; responsible for maintaining and investing in the electricity transmission network in the north of Scotland; take the electricity generated from onshore windfarms, hydro power stations and other generators and transport it at high voltage and extra high voltage over long distances through our transmission network to areas of demand; the operating area is home to vast renewable energy resources and this is being exploited by wind, hydro and marine generation; much of the transmission network was not designed for the substantial volume generated from renewable energy, so undertaking fundamentally required investment  
\$570.66 million (2020)

Northern Ireland Water Ltd.

+44 345 744 0088

Water, Sewage and Other Systems Industry; 1,300 employees; 6 companies in the corporate family; providing the community it serves with water and waste-water services; renewable goals include solar farms, water treatment plants, eMobility fast-charging services; is playing a leading role in the decarbonisation of transport and development of clean energy by exploring the possibility of opening up a network of green fuel stations; producing and storing hydrogen could be central to the decarbonisation journey - early production of hydrogen at a wastewater treatment works; projects include planting 1 million trees, peatland restoration, doubling renewable generating capacity; building more renewable facilities and helping the gas network

\$554.57 million (2020)

Southern Water Limited

+44 800 820 999

<https://www.southernwater.co.uk/help-advice/contact-us>

Water, Sewage and Other Systems Industry; 2,000 employees; 24 companies in the corporate family; water and wastewater for East Kent, parts of Sussex, Hampshire and the Isle of Wight

\$550.04 million (2020)

E D F Energy West Burton Power Ltd. (EDF Energy (Thermal Generation) Limited)

+44 142 788 2100

Electric Power and Natural Gas Generation Distribution Industries; 13,331 employees; 17,234 companies in the corporate family; a British integrated energy company, wholly owned by the French state owned EDF (Électricité de France) with operations spanning electricity generation and the sale of natural gas and electricity to homes and businesses throughout the United Kingdom; handles 5.7 million customer accounts; eMobility: electric car leasing deals and home charging points

\$547.64 million (2020)

Calor Gas Limited

+44 192 6458 239

Natural Gas Distribution Industry; 1,500 employees; 2,134 companies in the corporate family; a brand of bottled butane and propane which is available in

Britain and Ireland; coming in cylinders, which have a special gas regulator; one of the UK's largest suppliers of liquefied petroleum gas.  
\$543.74 million (2020)

Castle Water Limited

+44 1250 718 700

Water, Sewage and Other Systems Industry; 100 employees; 6 companies in the corporate family; water supplier to more than 350,000 customers  
\$535.96 million (2020)

Saltend Cogeneration Company Limited

+44 1482 895 500

Russell Holland - CFO

Electric Power Generation, Transmission and Distribution Industry; 55 employees; 9 companies in the corporate family; a private power generating company  
\$514.52 million (2020)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information/utilities.gb.html?page=3>

Gridworks Development Partners LLP

+44 20 7550 7010

info@gridworkspartners.com

Chris Flavin, Head of Business Development

a development and investment platform principally targeting equity investments in transmission, distribution and off-grid electricity in Africa; backed by CDC Group - the UK Government's Development Finance Institution and French utility company Eranove and Spanish power developer AEE Power, it develops and invests in critical power infrastructure, both on and off-grid. Gridworks is a developer, long-term investor and partner to governments, utilities, and companies in the power sector

Eranove Group

<https://www.eranove.com/en/contact>

a pan-African industrial platform for public services management and independent water and electricity production; has its headquarters in Paris and operates

throughout Africa; it develops innovative solutions that help to provide access to essential services; in the Ivory Coast, Gabon, Madagascar, Mali, DR Congo, Senegal and Togo

Power Africa (USAID initiative)\*

\* 202-712-4300 and <https://www.usaid.gov/contact-us>

a U.S. Government-led partnership that's bringing together technical and legal experts, the private sector, and governments from around the world to work in partnership to increase the number of people with access to power = two out of three people in sub-Saharan Africa lack access; goal is to add at least 30 GW of cleaner and more reliable electricity generation capacity and 60 million new home and business connections by 2030

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Sudan

Sudanese Electricity Transmission Company

[info@sedc.com.sd](mailto:info@sedc.com.sd)

<https://www.sedc.com.sd/en/web/guest/home>

\$50.79 million (2020)

Sudanese Thermal Power Generating Company (Ministry of Energy Oil)

[info@stpgc.sd](mailto:info@stpgc.sd)

\$1.75 million (2020)

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Uganda

Umeme Limited

Ross Masterman, Chief Finance Officer

Investor Relations

Hussein Mubiru, Energy Investment Liaison Manager

+256 772 460 977

[husssein.mubiru@umeme.co.ug](mailto:husssein.mubiru@umeme.co.ug)

the main electricity distribution company; responsible for the purchase of electricity from all Independent Power Producers, import and export of electricity

and being Umeme's sole supplier; its mandate involves operation, maintenance and upgrade of electricity distribution infrastructure, electricity retail and provision of related services; has 1.5 million customers

National Water and Sewerage Corporation

info@nWSC.co.ug

Dr. Sylvia Tumuhairwe, Deputy MD Finance

a public utility company 100% owned by the Government of Uganda; operates and provides water and sewerage services

Uganda Electricity Transmission Company

+256-417-802000, +256-414-233433, +256-414-233434

transco@uetcl.com, info@uetcl.com

<https://uetcl.go.ug/contact-us>

purchases electricity in bulk from generating companies and sells the electricity to distribution companies throughout the country

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## **Mexico**

Federal Electricity Commission

+52-55 522 94 400

Edmundo Sánchez Aguilar, Corporate Finance Director

Investor Relations

investor.relations@cfe.gob.mx

Esther Villarreal

esther.villarreal@cfe.mx

a non-profit state-owned company that offers electric power; aims to develop business, economic, industrial and commercial activities in terms of its purpose, generating economic value and profitability for the Mexican State; ; one of the largest electricity companies in the world; has about over 190 power plants of various types, including thermoelectric, nuclear, hydroelectric, coal, turbogas, geothermal, wind, diesel, and photovoltaic. It also has some 335,200 transmission and sub-transmission towers

\$27.04 billion (2019)

...V...

CFE Distribución, E.P.S.  
\$6.07 billion (2020)

...v...

CFE Transmisión  
+52 555 229 4400  
\$\$3.63 billion (2020)

...v...

CFE Generación III, E.P.S.  
\$2.18 billion (2019)

IEnova (Infraestructura Energética Nova, S.A.B. de C.V., a subsidiary of Sempra Energy - see *supra*)

Investor Relations

Miguel Osio

+52 55 9138 0100

ienovainvestorrelations@ienova.com.mx

invested in the storage, transportation and distribution of natural gas; its partner is TC Energy (*supra*) - large private marine gas pipeline; mission to develop, build and operate energy infrastructure; has more than 1,400 employees

\$1.245 billion

Naturgy México, S.A. de C.V. (a subsidiary of Naturgy in Spain *supra*)

+52 55 5279 2400

, a pioneer in the distribution of natural gas and electricity generation; parent in 30 countries with more than 19 million customers - in Mexico 1.65 customers; the only company that integrates the natural gas distribution and electricity generation businesses; is present in 16 states of the country; an energy group in continuous growth

\$644.52 million (2018)

Compañía Minera Autlán, S.A.B. de C.V.

+52 81 8152 1500 d&b

+52 55 5262 9000

committed to energy generation from 100% renewable sources; developed and now operates the Atexcaco Hydroelectric Plant; is looking for opportunities to invest in other renewable energy projects, such as wind and solar  
\$346.24 million (2020)

Companies generating less than \$300 million:

<https://www.dnb.com/business-directory/company-information.utilities.mx.html?page=1>

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## Guatemala

Instituto Nacional de Electrificación

+502 2422 1800

gcomunicacion@inde.gob.gt

<http://www.inde.gob.gt/contacto>

Lic. Luis Fernando Chavarría Tenas, Financial Manager

state-owned company - objective: generate, transport and commercialize electricity from renewable sources; shortage of electricity in the country and ensure that there is energy available at all times to meet normal demand, to promote the development of new industries and the use of electricity in rural regions; cooperate in the multiple use of hydraulic, geothermal and other sources of the country for the purpose of generating electricity; determine, technically, economically and legally the hydroelectric, geothermal and other renewable sources

\$323.61 million (2019)

Distribuidora de Electricidad de Occidente, S.A.

+502 2367 9300

generates and distributes electricity in the country; has 400 employees

\$322.78 million (2017)

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## Ireland

### ESB

William Young, Manager, Investor Relations

+353 1 702 6942

[william.young@esb.ie](mailto:william.young@esb.ie)

government-majority owned electricity supplier; we continue to pursue green financing options; Sustainability is at the heart of our operations; ESB is taking carbon out of electricity generation; has a section on electric cars - charging stations; a leading electricity utility in Ireland, providing electricity generation, distribution, and supply. The state-owned company has several divisions that operate independently in the electricity market. Its NIE Networks owns and maintains over 47,000 kilometers of electricity network in Northern Ireland. The group's ESB Networks owns the high-voltage transmission network and other distribution systems. ESB International works in partnership with its clients in delivering modern, efficient, and dependable energy systems and has completed projects in approximately 120 countries. The company currently supplies electricity to approximately 1.4 million customers through the island of Ireland \$3.93 billion (2020)

### Irish Water

+353 189 027 8278 d&b

+353 1 707 2828

<https://www.water.ie/contact/general-enquiry/form>

Water, Sewage and Other Systems Industry; built new wastewater infrastructure for 17 towns and villages across the country, ending the discharge of raw sewage into our rivers, lakes and seas every day. 60% of the raw sewage in Ireland has now been eliminated; now a plan to remove the rest; construction will start in at least 14 locations across the country, with 8 more starting in 2022

\$1.24 billion (2020)

### Bord Gáis Energy Limited (subsidiary of Centrica *supra*)

+353 123 35 000

<https://www.bordgaisenergy.ie/company/contact-us>

John Dalton, Chief Financial Officer and Barclay Clibborn, Head of Strategy & Corporate Development

Natural Gas Distribution Industry; 293 employees; 312 companies in the corporate family; continuously investing in innovative products and services; created a guide for its customers related to solar, eMobility, solar and battery storage

\$984.09 million (2020)

Ervia

+353 1 823 0300

Water and Natural Gas Distribution Industries; 700 employees; 7 companies in the corporate family; build, operate and maintain Ireland's gas and water networks; responsible for the operation and maintenance of Ireland's water and wastewater assets; operates one of the most modern and safe gas networks in the world and provides a secure supply of energy to warm homes and power businesses; responsible for providing clean, safe water to millions of people across Ireland and operating and maintaining our national water and wastewater infrastructure.

\$654.95 million (2020)

ESB Independent Energy Limited

+353 21 238 6555 d&b

+353 1 676 5831

+353 1 258 3799

esbnetworks@esb.ie, ecars@esb.ie

William Young, Manager, Investor Relations

+353 1 702 6942

william.young@esb.ie

Electric Power Generation, Transmission and Distribution Industry; 112 companies in the corporate family; includes offshore wind

\$623.11 million (2020)

NTR PLC

Manus O'Donnell, Chief Investment Officer

+353 1 206 3700 (Ireland)

info@ntrplc.com

Manus.ODonnell@ntrplc.com

€400 million

Bórd na Móna

+353 45 439 000

Tom Donnellan, CEO

<https://www.bordnamona.ie/who-we-are/contact>

clean energy, recycling, waste, store carbon in bogs & construct and maintain large-scale infrastructure to help meet strategic national targets for renewables; now developing new, large-scale projects in renewable energy and resource recovery.

€324 million (2020)

Coillte

Dominic Reilly, CFO

Forestry Queries: +353 1890 367 378

<https://www.coillte.ie/contact>

forestry, land solutions and medite smartply (manufacturer of environmentally produced, sustainable timber construction panels; these products are exported to over 30 countries)

€285 million (2020); €327 million (2019)

EirGrid Group

+353 1 677 1700

<https://www.eirgridgroup.com/contact>

Aidan Skelly, Chief Financial Officer

strengthening the grid so that Ireland can use more renewable electricity

€688.4 million (2020)

SSE Airtricity Energy Supply (NI) Limited

+44-3456 019 093 d&b

[customerservice@sseairtricity.com](mailto:customerservice@sseairtricity.com); +353 1655 6093

country's leading green energy provider; 232 companies in the corporate family

\$292.58 million (2020)

Ervia

+353 1 823 0300

[ccs@ervia.ie](mailto:ccs@ervia.ie) on the carbon capture and storage webpage

Ronan Galwey, Group Chief Financial Officer

business development goals: reduce CO2 emissions from the electricity, heating, industry, agriculture and transport sectors, including Carbon Capture and Storage

447 million (2020)

Applegreen plc

+353 1 512 4800

info@applegreen.ie

the Group has 559 sites as at 30 June 2020, across the Republic of Ireland (204 sites), United Kingdom (164 sites) and United States (191 sites) and has over 11,000 employees. Applegreen is the number one Motorway Service Area operator in the Republic of Ireland and the number two Motorway Service Area operator in the United Kingdom - approach them about e-vehicle charging

€3.1 billion (2019)

Bord Gáis Energy (subsidiary of Centrica)

+353 1 611 01 01

John Dalton, Chief Financial Officer and Barclay Clibborn, Head of Strategy & Corporate Development

gas and electricity supplier and provides energy services

£725 million (2020); £777 million (2019)

Ervia

+353 21 423 9000 d&b

+353 1 823 0300

ccs@ervia.ie

Tony Keohane, Chairman

Cathal Marley, Chief Executive Officer

Natural Gas and Water Distribution Industries; 700 employees; 7 companies in the corporate family; is the parent company of Ireland's largest utility company, Irish Water; a multi-utility company distributing pipeline natural gas, water services and dark fibre services in Ireland; business development includes carbon capture and storage (because Ireland has major industries that produce CO2 emissions) and hydrogen

\$654.95 million (2020)

Esb Independent Energy Ltd. (Esb = Electricity Supply Board)

+353 21 238 6555

esbnetworks@esb.ie

Investor Relations

William Young, Manager

+353 1 702 6942

E: william.young@esb.ie

eMobility contact

+353 1 258 3799

ecars@esb.ie

Electric Power Generation, Transmission and Distribution Industry; 116 companies in the corporate family; manages construction and maintenance of the electricity transmission system; operates a portfolio of power stations across the country, along with holdings in wind and other renewable; and is responsible for the operation and maintenance of the electricity network in Northern Ireland; eMobility - is now making improvements to the public charging network  
\$623.11 million (2020)

For companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.ie.html?page=1>

Mainstream Renewable Power

+353 1 2902000 (HQ)

Info@mainstreamrp.com

Paul Corrigan, Group CFO and Adrian Swift, Head of Corporate Finance raised €3 billion to finance projects; vision: to electrify the world with renewable energy; a leading pure-play renewable energy company with a global footprint; delivers the highest quality onshore and offshore wind and solar PV plant across diverse markets; in the United States, Australia, the Philippines, Singapore, Ghana, South Africa, Ireland, Scotland, Chile and Columbia  
\$78.26 million (2019)

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Iceland

Landsvirkjun

+354 51 59 000

landsvirkjun@landsvirkjun.is

Green financing: Treasury Department

treasury@landsvirkjun.is

50 years of experience in Hydropower, 30 years of experience in geothermal, and has completed over 30 international projects; aspires to become a leader in the sustainable use of renewable energy sources. It is also the largest electricity generator in Iceland thereby contributing to the rise of Iceland's renewable energy

percentage; established a Green Finance Framework in line with the company's focus on sustainability and climate action; 18 power stations in the country; 260 employees; 23 companies in the corporate family  
\$509.59 million (2020)

#### Reykjavik Energy

<https://www.or.is/hafa-samband>

the city-owned utility is an Icelandic energy company that provides electricity, geothermal water for heating and cold water for consumption and fire fighting; it also operates a data-utility network and waste-treatment facilities; the service area extends to 20 communities in the south-west part of Iceland; investments in it and its subsidiaries will amount to over ISK 106 billion over the next 6 years according to the Group's financial forecast

For companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.is.html?page=1>

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#### France

##### TotalEnergies

+33 1 47 44 45 46

Jean-Pierre Sbraire, CFO

<https://totalenergies.com/fr/formulaire-de-contact?form=103>

Its businesses cover the entire oil and gas chain, from crude oil and natural gas exploration and production to power generation, transportation, refining, petroleum product marketing, and international crude oil and product trading. TotalEnergies is also a large-scale chemicals manufacturer; developed a positioning across the entire solar value chain from design to operation, incl the construction of photovoltaic solar power plants; a presence from Chile to Japan to South Africa; 640 MW offshore wind project in Taiwan; 1.5 GW in the U.K.

\$140.7 billion (2020)

##### Electricité de France (EDF)

+33 967 670 596

One of the world's top electric utilities (electricity and gas) as well as one of the last major state-controlled energy giants in Europe; provides power to nearly 30 million French customers and over 10 million customers in other countries;

eMobility charging solutions for home and the company fleet; waste recovery; solar panels  
\$81.64 billion (2020)

Schneider Electric

+33 146 046 982

individual shareholders: +33 1 41 39 32 44

<https://www.se.com/ww/en/about-us/investor-relations/contact.jsp>

a leading global manufacturer of equipment for energy management and industrial automation - products like circuit breakers and switches, switchgear and transformers, motor starters, and power grid automation and electric car charging systems and more; 2025 goal - 80% green revenues  
\$29.67 billion (2020)

Schneider Electric SE (HQ France)

+33 146 046 982

Jean-Pascal TRICOIRE, Chairman & CEO

<https://www.se.com/ca/en/work/support/customer-care/contact-schneider-electric.jsp>

a leading global manufacturer of equipment for energy management and industrial automation - products like circuit breakers and switches, switchgear and transformers, motor starters, and power grid automation and electric car charging systems. Its end markets span residential and commercial buildings, utilities, oil and gas infrastructures, waste water plants, machine manufacturers and data centers. Schneider Electric operates into two segment, these are the energy management, which provides a complete end-to-end technology offering enabled by EcoStruxure, and industrial automation, which includes industrial automation and industrial control activities, across discrete, process & hybrid industries. Majority of the company's sales come from outside Europe; 135,000+ employees  
\$29.67 billion (2020); \$27.2 billion (2019)

Suez Environnement

Florent Gautron, Shareholder Relations Manager

[actionnaires@suez.com](mailto:actionnaires@suez.com)

+33 800 207 207

<https://www.suez.com/en/contact>

a global expert in the water and waste sectors; presence all over the world  
€17.2 billion (2020)

Rexel Group

+33 142 858 500

Investor Relations

Ludovic DEBAILLEUX

+33 1 42 85 76 50

ir@rexel.com

<https://www.rexel.com/en/finance-contact>

distributes electrical parts and supplies that include wiring devices, cabling systems, lighting products, electrical tools, and climate control and security equipment. The company serves customers in the commercial sector (its largest market); industrial markets such as mining, oil and gas, and energy; and the residential market, including new construction and upgrade projects. Subsidiaries include Conectis (voice and networking products) as well as North American units Rexel USA and Rexel Canada Electrical. The company has about 2,000 branches and logistics centers in more than 25 countries around the world. It generates about 55% of its sales in Europe and about 35% in North America.

\$13.93 billion (2020)

Engie Energie Services

+33 146 350 801

ir@engie.com

operates in close to 70 countries on 5 continents; 160 thousand employees; By signing with Mercedes-Benz Trucks on 20 May, ENGIE has become the first energy company to partner with the major manufacturers of heavy electric mobility; Providing charging terminals in towns and local regions is therefore key: to meet the regulatory targets, at least 17,000 public charging terminals need to be deployed by 2025, of which 13,000 must offer charging power of over 100 kW; Mercedes-Benz Trucks to call on ENGIE for their integrated approach. With this partnership, freight transport operators will benefit from an integrated electrification service for their fleet of heavy vehicles in seven European countries. The German manufacturer will supply the electric trucks and the software for intelligent control of the charging process; ENGIE will study, design and supply the electrical equipment and charging infrastructure, as well as ensure their maintenance; the contract also provides for the delivery of an intelligent and scalable high-power charging solution tailored to each customer

\$60.6 billion (2020)

EDF France

+33 96 7670 596

Emilio Zito, Group Head of Investor Relations

+33 1 40 42 15 26

Hélène Quatresous, Deputy Group Head of Investor Relations

+33 1 40 42 28 40

IR secretary's office:

+33 1 40 42 78 36

edf-irteam@edf.fr

One of the world's top electric utilities (as well as one of the last major state-controlled energy giants in Europe), EDF has a generating capacity of nearly 560 TWh (primarily from nuclear sources) and provides power to nearly 30 million French customers and over 10 million customers in other countries; Accelerating the deployment of electric vehicles is decisive in the fight against climate change  
\$81.64 billion (2020) d&b; €70 billion (2020) statista.com

...V...

IZIVIA Group (a subsidiary of EDF France)

+339 72 66 80 01

<https://www.izivia.com/en/contact>

specialising in electrical mobility for the last 20 years; Running a full network of charging points, from town centres to peri-urban and rural areas, and including motorways; With just one pass, you can charge your vehicle at any of the 100,000 charging points on the IZIVIA network in Europe

...V...

DALKIA (a subsidiary of the EDF group)

+33 171 007 120

Water, Sewage and Other Systems Industry; 9,949 employees; 17,234 companies in the corporate family; committed to developing clients' local renewable and recovery energies; develops wood energy, biogas, geothermal and thalassothermal energy and also recovery energies  
\$2.44 billion (2020)

ENEDIS

+33 156 651 111

Electric Power Generation, Transmission and Distribution Industry; 38,624 employees; 17,234 companies in the corporate family; operates, modernizes and repairs the electricity distribution network in France; eMobility charging solutions  
\$17.14 billion (2020)

Réseau de Transport d'Électricité

+33 147 763 577 d&b

+33 141 022 122 HQ

Laurent Martel, Managing Director, Finance Department

Electric Power Generation, Transmission and Distribution Industry.; 9,397 employees; 17,231 companies in the corporate family; the manager of the French Electricity Transmission Network; the transport network links producers to electricity consumers and links France to its European neighbors; welcoming renewable energies and optimizing their contribution; 106,847 Kms of power lines, the largest in Europe

\$5.53 billion (2020); € 4,729m (in turnover in 2020) RTE

TotalEnergies Electricité et Gaz France

+33 988 813 003 d&b

+33 147 444 546 HQ

<https://totalenergies.com/fr/formulaire-de-contact>

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 105,000 employees; 5,376 companies in the corporate family; electricity, natural gas, hydrogen, biogas, wind and solar; eMobility charging solutions, a historic aviation battery manufacturer, the 1st full electric aircraft refueller transporter; the first helicopter engine running on 100% sustainable fuel

\$5.47 billion (2020)

Alpiq Energie France SAS (subsidiary of the Swiss company)

+33 153 438 420

Electric Power Generation, Transmission and Distribution Industry; 50 employees; 84 companies in the corporate family

\$1.52 billion (2020)

Lampiris

<https://www.lampiris.be/fr/contact/form>

green electricity and gas, photovoltaic panels; provides charging station at home and more than 6,000 stations on the roads; 5,376 companies in the corporate family

\$1.57 billion (2020)

Compagnie Nationale du Rhône

+33 472 440 802 d&b

+33 472 006 969

Electric Power Generation, Transmission and Distribution Industry; 1,477 employees; 374 companies in the corporate family; electricity generation company, mainly supplying renewable power from hydroelectric facilities on the Rhone; diversifying into wind power and photovoltaics, working on the development of new renewable energies (hydrogen) and eMobility

\$1.38 billion (2020)

Volalia

+33 181 703 700

accueil.paris@votalia.com Paris HQ

invest@votalia.com

international player in renewable energies, and a multi-source electricity producer (wind, solar, hydropower and biomass) - presence in Europe, Africa, S. America, Mexico and Japan; 280 employees; 547 companies in the corporate family

\$253.07 million (2020)

GazelEnergie (Gazel Energie Solutions)

+33 144 634 047

<https://gazelenergie.fr/contactez-nous>

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 87 employees; 200 companies in the corporate family; an electricity producer and supplier of electricity, natural gas and energy services; since 2012 have been present alongside renewable energy producers to make the best use of their production

\$1.27 billion (2020)

ES Energies Strasbourg & The ÉS Group

+33 388 206 060

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 228 employees; 17,231 companies in the corporate family; electricity production and marketing of gas and electricity in the Lower Rhine; it is now part of the Électricité de France group

\$901.47 million (2020)

EDF PEI Siegf (EDF Production Electrique Insulaire SAS, subsidiary of EDF in the UK)  
Electric Power Generation, Transmission and Distribution Industry; 427; 17,234  
companies in the corporate family; generation of electricity  
\$901.28 million (2020)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.fr.html?page=1>

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## Italy

### Enel Group

Carlo Federico Vladimir Zorzoli, Business Development

+39 06 83051

infosviluppoegp@enel.com

€62.6 billion

### ENI SPA

+39 065 9821 d&b

+39 800 11 22 34 56

segreteria.societaria.azionisti@eni.com

Martina Opizzi, Head of Investor Relations

opizzi\_investor@eni.com

Andrea Quaggia, Continental Europe and Rest of the World Investor Relations

quaggia\_investor@eni.com

Stefania Sperotto, North America Investor Relations

sperotto\_investor@eni.com

Shaun Liu, UK & Ireland Investor Relations

+44 20 7344 6058

liu\_investor@eni.com

Rosanna Bolzoni, ESG Investor Relations

bolzoni\_investor@eni.com

Eni is one of the world's major oil and gas suppliers, engaging in exploration, development, production, and trading activities worldwide; its portfolio of refineries, transmission networks and power generation plants sell fuels/biofuels, chemical products, lubricants, and gas & power; active Africa, Europe, and North America as well as other productive gas regions such as Kazakhstan and Venezuela.

Europe, which accounts for most of Eni's sales, is home to more than 5,400 service stations  
\$52.02 billion (2020)

Gestore Dei Mercati Energetici SPA

+39 0680 111

info@mercatoelettrico.org

oversees operations of the electricity market, also known as the Italian Power Exchange (IPEX). The bulk of the buying and selling takes place in the Day-Ahead Market; fine-tuning is done in the Intra-Day Market. In the Ancillary Services Market, Terna has a hand in controlling the power grid system operations. GME also operates markets for the trading of gas, energy efficiency certificates, and fuels. The Gestore dei Mercati Elettrici (GME), operational since 2004, is owned by the Italian Ministry of Finance and the Economy

\$15.46 billion (2020)

ENEL Energia SPA

+39 232 981 107

investor.relation@enel.com

Electric Power Generation, Transmission and Distribution Industry; 1,692 employees; 3,111 companies in the corporate family; electricity distribution for homes and businesses

\$15.41 billion (2020)

...V...

ENEL Produzione SPA (subsidiary?)

+39 684 082 092

Electric Power Generation, Transmission and Distribution Industry; 1,640 employees; 3,111 companies in the corporate family; electricity supply to homes and big business; much of it comes from Edison SPA

\$5.17 billion (2020)

Gestore Dei Servizi Energetici - GSE SPA

+39 680 113 453

Flaminia Barachini, Governance Director - one potential source of introduction

+39 06.80113453

flaminia.barachini@gse.it

Electric Power Generation, Transmission and Distribution Industry; 642 employees; 36,480 companies in the corporate family; provides solar, wind and eMobility solutions; the company has been identified by the state to pursue and achieve the objectives of environmental sustainability in the two pillars of renewable sources and energy efficiency; has invested €4.2 billion in electric renewables, €328 million in thermals and €236 million in biomethane  
\$15.16 billion (2020)

E-Distribuzione SPA

+39 683 051

Electric Power Generation, Transmission and Distribution Industry; 14,734 employees; 3,111 companies in the corporate family; not much informational information on the website  
\$7.89 billion (2020)

Servizio Elettrico Nazionale SPA

+39 683 051

Electric Power Generation, Transmission and Distribution Industry; 1,175 employees; 3,111 companies in the corporate family; manages the higher protection service for electricity in the areas where e-Distribuzione is the concessionaire of the distribution service  
\$7.34 billion (2020)

Edison SPA

+39 119 513 912

edison@pec.edison.it

has grown to become Italy's leading independent power producer with hydroelectric, fossil-fueled and wind-powered generating capacity; the company has a focus on natural gas exploration, production and marketing. It also distributes gas directly to 171,900 retail customers. Edison and its subsidiaries operate across Europe, Africa and the Middle East; owned by French energy company EDF.

\$7.56 billion (2020)

...V...

Edison Energia SPA

+39 282 518 251

becomeapartner@edison.it - If you want to become Edison's partner  
Electric Power Generation, Transmission and Distribution Industry; 385 employees;  
17,227 companies in the corporate family  
\$4.45 billion (2020)

#### A2A SPA

sondrio@a2a.eu

A2A is a leading Italian multi-utilities company that generates, distributes and markets renewable energy (76% of mix), electricity, gas, integrated water supply and waste management services; a national leader in providing integrated environmental services, district heating and management solutions for smart cities; has energy production facilities in Italy and Greece and technological partnerships in both countries along with the UK, Spain and Montenegro. Annually, A2A distributes some 12,400GWh of thermoelectricity, 3,500GWh of hydroelectricity, and sweeps up 1,600 kilotons of waste  
\$ 4.66 billion (2020)

#### Eni Gas E Luce SPA Societa Benefit

+39 2 444 033

Natural Gas Distribution Industry; 1,553 employees; 1,284 companies in the corporate family; natural gas and electricity distributor; solar panel supplier plus lithium-ion batteries for storage and eMobility charging solutions  
\$4.93 billion (2020)

#### Acquirente Unico SPA

+39 680 131 d&b

+39 680 134 086

info@acquveriunico.it

Electric Power Generation, Transmission and Distribution Industry; 283 employees;  
36,480 companies in the corporate family; natural gas supplier  
\$3.41 billion (2020)

#### GRUPPO HERA Trading Srl

+39 542 843 100 d&b

+29 51 28771

heraspa@pec.gruppohera.it

Natural Gas Distribution Industry; over 9,000 employees; 571 companies in the corporate family; the sectors operated in that service 4.2 million citizens are

environmental (waste management and treatment), water (aqueduct, sewage and purification) and energy (distribution and sale of electricity, gas and energy services); also offer public lighting services and telecommunications; since 2002, the Hera Group has been the first Italian company for the aggregation of municipal companies which, with a multi-business approach, manages the supply of energy and environmental services to citizens and businesses  
\$3.32 billion (2020)

...V...

HERA COMM SPA (subsidiary?)

+39 542 843 111

Natural Gas Distribution Industry; 584 employees; 571 companies in the corporate family

\$3.28 billion (2020)

ENGIE Italia SPA

+39 672 490 499

Electric Power Generation, Transmission and Distribution Industry; 599 employees. 63 companies in the corporate family; the company's energy is in homes, companies and cities, with solutions able to reconcile individual and collective interests; has a solid and diversified electricity production park, which pays particular attention to renewable sources - 6 wind farms; 5 photovoltaic systems; solar thermal systems; biomass plants

\$2.69 billion (2020)

A2A Energia SPA

+39 282 841 510

Electric Power Generation, Transmission and Distribution Industry; 655 employees; 484 companies in the corporate family; a trading company of the A2A Group focused on the sale of electricity and gas to large industrial customers, SMEs, condominiums and domestic customers.; the A2A Group has over 750 eMobility charging stations for customers - since 2010 developing a network of electric charging stations for 2, 3 and 4 wheel vehicles, all powered by 100% renewable energy; also manage the entire water cycle to bring drinking water into peoples' homes; offer municipalities separate waste collection; also manage waste treatment, recycling recover and disposal plants; also transform non-recyclable waste into new energy

\$2.54 billion (2020)

SNAM RETE GAS SPA

+39 237 039 452

Investor Relations

Secretariat

+39 02 3703 7272

investor.relations@snam.it

Natural Gas Distribution Industry; 1,906 employees; 284 companies in the corporate family; one of the leading energy infrastructure companies in the world and one of the largest listed Italian companies by capitalization; in addition to Italy, it operates through subsidiaries in Albania (AGSCo), Austria (TAG, GCA), United Arab Emirates (ADNOC Gas Pipelines), France (Teréga), Greece (DESFA) and United Kingdom (Interconnector UK) and has recently also launched in China and India; also one of the main shareholders of TAP (Trans Adriatic Pipeline); has over 41,000 Kms of transport network

\$2.49 billion (2020)

Terna Rete Elettrica Nazionale SPA

+39 683 138 111

<https://www.terna.it/en/contacts>

Terna turns the key to Italy's high-voltage power grid.; also referred to as Terna Rete Elettrica Nazionale, it owns more than 98% of the power grid, including about 63,500 kilometers of electric transmission lines that cover the country; manages 475 transforming and switching stations in Italy, as well as other interconnection lines with neighboring countries; other operations include plant engineering, power plant and line operation and management and grid automation.; also included in the ENTSO-E, the European Network of Transmission System Operates, a group of 41 operators from 34 EU countries; over €18 billion in investments for the ecological transition

\$2.91 billion (2020)

IREN Mercat SPA

+39 105 586 284

Natural Gas Distribution Industry; 497 employees; 397 companies in the corporate family; no information of value on the website

\$2.33 billion (2020)

Repower Italia SPA (subsidiary of Switzerland?)

+39 25 814 211

Electric Power Generation, Transmission and Distribution Industry; 121 employees;  
57 companies in the corporate family;  
\$2.09 billion (2020)

AXPO Italia SPA (subsidiary)

+39 10 291 041

+41 56 200 31 11 website phone number

Christoph Brand, Chief Executive Officer

Electric Power Generation, Transmission and Distribution Industry; 178 employees;  
1,231 companies in the corporate family; Switzerland's largest producer of  
renewable energy and an international leader in energy trading and the marketing  
of solar and wind power; Axpo develops innovative energy solutions for its  
customers based on state-of-the-art technologies in over 30 countries in Europe,  
the USA and Asia

\$2.08 billion (2020)

Green Network SPA

+39 645 200 326

<https://greennetworkenergy.it/contatti/formonline>

Electric Power Generation, Transmission and Distribution Industry; 207 employees;  
29 companies in the corporate family; solar systems, biomass, wind, geothermal,  
hydroelectric, marine energy; investments in the green network in 2020 led to  
€2.098 billion

\$2.05 billion (2020)

Ansaldo Energia S.p.A.

Andrea Balzarini, Chief Finance & Business Officer

+39 010 6551 (Italy)

[info@ansaldoenergia.com](mailto:info@ansaldoenergia.com)

leading company in the Geothermal market in 2019

€1.89 billion

Italgas Reti SPA

+39 1 123 941

+39 2 8187 2175

[investor.relations@italgas.it](mailto:investor.relations@italgas.it)

supplying natural gas to 5.6 million residential and business customers in more than 1,310 Italian municipalities, including Rome, Venice, and Naples; more than 30,260 miles of pipeline; also has interests in water distribution, telecommunications and international gas utility businesses  
\$1.85 billion (2020)

ACEA Energia SPA

+39 657 991

+39 06 57991

Stefano Raffaello Songini, Investor Relations & Sustainability Manager & Elvira Angrisani, Investor Relations Manager + Daniela Bellucci + Simonetta Gabrielli + Donatella Galanti

[investor.relations@aceaspa.it](mailto:investor.relations@aceaspa.it)

Electric Power Generation, Transmission and Distribution Industry; 395 employees; 36,480 companies in the corporate family; eMobility - combine our green know-how and our approach always inspired by the future, electric mobility - over 10,000 charging stations in the country; charging solutions for home

\$1.81 billion (2020)

Sorgenia SPA

+39 223 329 400

[customercarefibra@sorgenia.it](mailto:customercarefibra@sorgenia.it) customer service

Electric Power Generation, Transmission and Distribution Industry; 278 employees; 749 companies in the corporate family; natural gas and electricity provider

\$1.74 billion (2020)

Duferco Energia SPA

+39 102 756 001

Electric Power Generation, Transmission and Distribution Industry; 300 employees; 84 companies in the corporate family; services for recharging electric vehicles, public and home infrastructures; over 25,000 charging stations in the country and over 214 charging stations in Europe

\$1.66 billion (2020)

ALPHERG SPA

+39 200 664 700

[info@alpherg.eu](mailto:info@alpherg.eu)

Natural Gas Distribution Industry; 20 employees; 8 companies in the corporate family;  
\$1.59 billion (2020)

Energy Green City SPA

+39 645 206 151

info@romagas.it

<http://www.romagas.it/area-clienti>

Natural Gas Distribution Industry; 63 companies in the corporate family; one of the most important Italian private groups operating in the natural gas and electricity markets. In parallel with its activity on the wholesale markets, the group has undertaken over the last few years a strategy of entering the market for sales to end customers, in order to acquire a sustainable and solid position in the changed Italian energy context

\$1.50 billion (2020)

Turboden S.p.A.

Paolo Bertuzzi, CEO & Managing Partner

+39 030 3552001 (Italy)

<https://www.turboden.com/contacts>

a Mitsubishi Heavy Industries (MHI) Group Company; almost 15 trillion Japanese yen 2020

a leading company in the Geothermal market in 2019

Edison S.p.A.

+39 011 951 3912

Didier Calvez, Finance

[investor.relations@edison.it](mailto:investor.relations@edison.it)

Italy's leading independent power producer, with 18.7 GW of hydroelectric, fossil-fueled, and wind-powered generating capacity; more than 5,000 people in Europe, North Africa and the Middle East

\$7.56 billion (2020)

2i Rete Gas SFA

+39 0293 8991

[2iretegas@pec.2iretegas.it](mailto:2iretegas@pec.2iretegas.it)

2,006 employees; 748 companies in the corporate family

\$834.88 million (2020)

A2A S.p.A.

Renato Mazzoncini, CEO & Managing Director

Investor Relations

ir@a2a.eu

generates, distributes, and markets renewable energy, electricity, gas, integrated water supply and waste management services. The company has significant energy production facilities in Italy and Greece

6.862 billion (2020); 7.324 billion (2019)

FIAMM Energy Technology S.p.A.

+39 0444 709 311

a multinational company engaged in the production and distribution of batteries and accumulators for motor vehicles - situate in the United States, Europe, the Middle East and China; has numerous commercial and technical branches (in Italy, Germany, UK, Slovakia, France, USA, Spain, Dubai, Japan, Singapore, Korea, Malaysia and China to name a few) and a wide network of importers and distributors and operates with a staff of more than 1,000 employees; 373 companies in the corporate family; the supplier of original equipment batteries for some of the most important car manufacturers - Citroen, Ferrari, Fiat, Ford, Iveco, Jaguar, Maserati, Mercedes-Benz, Nissan, Opel, Peugeot, Renault, Toyota and Volvo  
\$345 million (2020)

Hera Group S.p.A

+39-051 287 111

Jens Klint Hansen, Investor Relations Director

jens.hansen@gruppohera.it

+39 051 287737

operates in the distribution of gas, water, energy, and waste disposal; 2,988 employees; 571 companies in the corporate family

\$8.37 billion (2020)

...V...

HERA SPA

+39 51 287 111

Water, Sewage and Other Systems Industry; 2,988 employees; 571 companies in the corporate family;  
\$1.413 billion (2020)

Saras S.p.A.

+39 0276 009 555

Ilaria Candotti, Head of Investor Relations

ir@saras.it

a leading European oil refining company based in Italy, produces an average of more than 300,000 barrels of oil per day at its Sardoch refinery based off the coast of Sardinia. While oil refining represents more than half of its business, Saras also owns other energy-related companies, including a wind farm in Sardinia, a biodiesel plant in Spain, and an industrial engineering research business. The company's finished products include gasoline, diesel, kerosene, and aviation fuel. Through subsidiary Saras Energia, the company operates a chain of owned and leased retail gas stations in Spain.

\$6.13 billion (2020)

Terna S.p.A

Omar Al Bayaty, Head of Investor Relations & ESG

+39 06 8313 8282

OMAR.ALBAYATY@TERNA.IT

If you are a private investor and need more information please contact:

Terna Legal and Corporate Affairs

Viale Egidio Galbani, 70 00156 Roma (IT)

+39 06.8313.8136

azionisti.retail@terna.it

a transmission system operator (TSO) based in Rome, Italy. It operates through Terna Rete Italia, that manages the Italian transmission grid and Terna Plus which is in charge of new business opportunities and non-traditional activities in Brazil, Uruguay, Peru and Chile

€2.08 billion (2019)

Edison Italy S.p.A

+39 0119 513 912

Didier Calvez, Finance

investor.relations@edison.it

an Italian electric utility company headquartered in Milan. ... The company was established in 1884 and acquired by Electricité de France in 2012. Edison employs more than 5,000 people in Europe, North Africa and the Middle East

18 GW of hydroelectric, fossil-fueled and wind-powered generating capacity. Much of Edison's electricity goes to Italy's largest utility, Enel; Edison also sells power to commercial and industrial businesses. The company has a focus on natural gas exploration, production and marketing. It also distributes gas directly to 171,900 retail customers. The Group's hydrocarbon reserves totaled about 50 billion cubic meters in 2013. Edison and its subsidiaries operate across Europe, Africa and the Middle East. Edison is owned by French energy company EDF. It is acquiring Italian electricity supplier

\$7.56 billion (2020)

Stoccaggi Gas Italia S.p.A., now Snam

Investor Relations

Secretariat

+39 02 3703 7272

investor.relations@snam.it

one of the leading energy infrastructure building companies in the world; production, storage, re-gassification, gas pipelines; over 41,000 Kms of transport network - which includes the delivery of hydrogen; references eMobility and CNG, biomethane and LNG; MSC, Fincantieri and Snam collaborating to build the world's first hydrogen-powered cruise ship; 3,249 employees

€2.6 billion (2020)

ENEL Green Power Italia Srl

+39 683 051

Marco Salemme, Finance

Electric Power Generation, Transmission and Distribution Industry; 2,658 employees; 3,111 companies in the corporate family; has hydro, geothermal and thermal plants powered by renewable resources all around the world; manages more than 1,200 power plants on five continents and is present with assets in operation or under construction in 21\* countries and development activities in a further 6 countries

\*21 countries with operative assets or assets under construction (Canada, United States, Mexico, Costa Rica, Guatemala, Panama, Colombia, Peru, Brazil, Chile, Argentina, Spain, Italy, Romania, Greece, Morocco, Zambia, South Africa, Russia, India, Australia) and 6 countries with assets in the development phase (Portugal, Kenya, Ethiopia, France, Germany, South Korea.)

\$1.19 billion (2020)

E.ON Energia S.p.A.

+39 289 448 001

Christian Zaum, Chief Financial Officer

Natural Gas Distribution Industry; 291 employees; 1,122 companies in the corporate family; one of the main energy operators on the market - with more than 500 collaborators, the company supplies over 11 TWh of green energy per year; in addition to natural gas, solar and eMobility charging stations, including e-bikes (+ rental service)

\$1.15 billion (2020)

IREN Energia S.p.A. & IREN GROUP

+39 10 558 115 d&b

+39 11 55 49 111

posta@irenenergia.it

Natural Gas Distribution Industry; 544 employees; 397 companies in the corporate family; production, distribution and sale of electricity, thermal energy for district heating (production and sale), gas (distribution and sale), management of integrated water services, environmental services (waste collection and disposal) and services for public administrations.

\$1.13 billion (2020)

Ansaldo Energia S.p.A.

+39 498 701 281 d&b

+39 010 6551

info@ansaldoenergia.com

Engine, Turbine, and Power Transmission Equipment Manufacturing Industry; 2,259 employees; 36,481 companies in the corporate family; its 4 companies profiled on its website: (1) the design and construction of different nuclear power plants; (2) the leading aftermarket service provider for multi-platform OEM gas turbine power plants worldwide; specializes in the design, manufacture, assembly, test, installation and commissioning of customised solutions for the nuclear decommissioning, defence, and nuclear new build markets; (3) a leading high-tech Centre in Abu Dhabi, UAE, offering the latest, state-of-art technologies for stripping, welding, brazing, machining, heat treatments, cleaning facilities, overlay coatings and laboratory activities for Gas Turbine Buckets, Vanes, Nozzles, Transition Pieces, Shrouds, Combustion Liners and other Hot Gas Path components;

and (4) manufacture new parts and repair hot gas path parts for heavy duty gas turbine as blades and vanes, burners /combustors and combustion chamber  
\$1.08 billion (2020)

Dolomitti Energia S.p.A.

+39 464 456 111

+39 461 362 222

info.holdings@dolomitienergia.it

Electric Power Generation, Transmission and Distribution Industry; 1,434 employees; 104 companies in the corporate family; commercial management of electricity

\$970.71 million (2020)

EP Produzione S.p.A. & EPH Group

+39 688 985 111

Peter Černák, Chairman of the Board

Electric Power Generation, Transmission and Distribution Industry; 275 employees; 200 companies in the corporate family; five gas and one coal-fired plants

\$961.59 million (2020)

Egea Commerciale & The Egea Group

+39 173 441 155

+39 800 44 10 10 customer service

servizioclienti@egea.it

Electric Power Generation, Transmission and Distribution Industry; 74 employees; 88 companies in the corporate family; born as a utility active in the methane gas distribution sector; now electricity (production and sale), sale of natural gas, thermal energy for district heating (production, distribution and sale) and regulated activities, such as distribution of natural gas, waste management (collection and sweeping) and integrated water service; plus reference in the navigation drop down to biogas and solar but no mention on webpage

\$958.90 million (2020)

Centrex Italia S.p.A.

+39 256 616 611

<https://www.centrexitalia.com/contatti>

Michele Libutti, CEO

Electric Power Distribution and Natural Gas Distribution Industry; 30 employees; 5,593 companies in the corporate family; active in the import, sale and trading of natural gas and electricity  
\$911.60 million (2020)

Unoenergy S.p.A.  
+39 183 960 470  
clienti@unoenergy.it  
<https://www.unoenergy.it/contatti>  
Natural Gas Distribution Industry; 332 employees; 108 companies in the corporate family; gas for home and business; plus solar and eMobility - charging options with solar  
\$866.98 million (2020)

Alperia Trading Srl & Alperia Group  
+39 471 225 111 d&b  
+39 471 986 111  
info@alperia.eu, alperia@pec.alperia.eu??  
Electric Power Generation, Transmission and Distribution Industry; 1,087 employees; 121 companies in the corporate family; 39 hydroelectric plants; supply heat from 6 direct heating plants; supply energy to 340,844 customers; responsible for 8,725 Kms of cable lines; operates 800 eMobility charging points shareholders are 2 municipalities and a province  
\$864.89 million (2020)

Sorgenia Trading S.p.A.  
+39 244 388 001  
customer@SORGENIA.it  
Electric Power Generation, Transmission and Distribution Industry; 749 companies in the corporate family; delivers 100% renewable electricity and gas to its customers  
\$876.77 million (2020)

Estra Energie Srl  
+39 574 872 511 d&b  
+39 282 70

Natural Gas Distribution Industry; 204 employees; 115 companies in the corporate family; one of the top ten industrial groups for the sale of gas and electricity, gas and LPG distribution, energy efficiency and renewables, fiber connectivity and activities in the environmental cycle; total electricity production from renewable sources: €697.18 million (2020); always looking for people and companies who can help us do better and more  
\$856.38 million (2020)

F2i Fondi Italiani per le infrastrutture SGR S.p.A.

+39.02.72179

segreteria@f2isgr.it

home page headline: "We turn finance into industry"; Italy's largest independent infrastructure fund manager, with assets under management of over Euro 6 billion; sectors of the national economy: transport and logistics, energy for transition, distribution networks, telecommunications networks, infrastructure with a particular focus on ESG; key shareholders include financial institutions, including banking foundations, domestic and foreign social security and pension funds, domestic and international asset managers and sovereign wealth funds; has about 20,000 employees in Italy

Dolomiti Energia Trading S.p.A. & Dolomiti Energia Group

+39 464 456 111 d&b

+39 461 362 222 & +39 045 826 2011

Marco Merler, Chairman and Chief Executive Officer

info.trading@dolomitienergia.it

Electric Power Generation, Transmission and Distribution Industry, including Gas; 22 employees; 104 companies in the corporate family; deals with the optimization of the electricity and natural gas portfolio, the dispatching of electricity produced by both Group and third-party plants, the sale and wholesale of natural gas and electricity on the main European markets and exchanges  
\$810.52 million (2020)

Acea Ato 2 Gruppo Acea S.p.A. & Acea Group

+39 6 57 991

Claudio Cosentino, President

Adelina Di Pietro, Vice president

Acea Innovation

+39 06 57996583

acea.innovationsrl@aceaspa.it  
e-mobilitysolutions@aceaspa.it  
organicwastemanagement@aceaspa.it

<https://www.gruppo.acea.it/acea-innovation/form-informazioni>

Water, Sewage and Other Systems Industry; 1,577 employees; 36,481 companies in the corporate family; manages the integrated water service of the territorial area no. 2 Central Lazio - Rome integrating quality of service, sustainable management of water resources and respect for the environment; the infrastructures managed in the area include over 15,000 km of water network (including aqueduct, adduction, distribution), with 332 million cubic meters of drinking water supplied to end users; the company follows the development of new urbanizations and annually carries out modernization or upgrading of plants, completion, expansion or remediation of pipelines and networks; Acea Innovation is the Acea Group company whose mission is the research, development and implementation of innovative services associated with the world of energy to support the energy transition process of our customers and partners

\$790.22 million (2020)

Repower Vendita Italia S.p.A

+39 258 14 211 company info website

Electric Power Generation, Transmission and Distribution Industry; 40 employees; 57 companies in the corporate family; Turnkey solutions to bring electric mobility into everyday work, even for your customers - charging tools, charging circuits and electric fleet

\$788.26 million (2020)

Erg Power Generation S.p.A.

+3910 24 011

Michele Pedemonte, Finance and Corrado Bosio, Business Development & Mergers & Acquisitions

Matteo Bagnara, Head of Investor Relations

+39 102 401 423

ir@erg.eu

Electric Power Generation, Transmission and Distribution Industry; 380 employees; 351 companies in the corporate family; among the main European producers of energy from renewable sources; looking carefully at new opportunities in energy storage and also at the evolution of green hydrogen

€974 million (2020)

Europe Energy S.p.A. & Europe Energy Group bought by Europe Energy Holding Srl  
+39 454 645 300

info@europe-energy.it

Europe Energy Holding Srl

+39 045 4645300

Matteo Ballarin, Chairman of the Board

Electric Power Generation, Transmission and Distribution Industry; 72 employees; 7 companies in the corporate family; energy and gas trading; +120,000 customers in Europe; +90 employees

\$736.62 million (2020)

AGSM Energia S.p.A. & the AGSM AIM Group

+39 452 212 123

Electric Power Generation, Transmission and Distribution Industry; 81 employees; 36,480 companies in the corporate family; a leading multi-utility present in 7,000 municipalities in Italy with over 527,000 active supply points; it operates in the sectors of the sale of electricity, natural gas and district heating; was born in 1898 with the production of hydroelectric energy

\$718.75 million (2020)

Alpiq Energia Italia S.p.A. (subsidiary of Alpiq; locations in Switzerland & Czech Republic *supra*)

+39 2 366 981

Electric Power Generation, Transmission and Distribution Industry; 101 employees; 84 companies in the corporate family

\$715.24 million (2020)

Turbode S.p.A.

+39 030 355 2001

<https://www.turboden.com/contacts>

Paolo Bertuzzi, CEO & Managing Director

an Italian firm operating in 49 countries with 406 plants and 46 under construction; a global leader in the design, manufacture and maintenance of Organic Rankine Cycle (ORC) systems, highly suitable for distributed generation, that generate electric and thermal power exploiting multiple sources, such as renewables (biomass, geothermal energy, solar energy), traditional fuels and waste heat from industrial processes, waste incinerators, engines or gas turbines. ; today it has expanded its solutions with gas expanders and large heat pumps to

contribute to the worldwide efforts to mitigate global warming by creating reliable and clean energy systems

Tirreno Power S.p.A.

+39 197 754 111

info@tirrenopower.com

Electric Power Generation, Transmission and Distribution Industry; 235 employees; 24 companies in the corporate family; the Vado Ligure site hosts two 800 MW combined cycle turbogas units fueled by natural gas; the production coming from the 18 hydroelectric plants distributed throughout the Ligurian Apennines is managed for a total installed power of about 75 MW; the production of the Polo Ligure plants supplies energy to more than one million families  
\$709.14 million (2020)

Cura Gas & Power S.p.A. & Cura Group

+39 546 683 970

marketing@gruppocura.it - displayed upon clicking 'become a partner' at bottom of home page

Mr. Tullio Bosi, President

Natural and Green Gas Distribution Industry; 34 employees; 8 companies in the corporate family; five integrated companies specialized in different sectors in the energy field of which CURa Consorzio is the parent company; eMobility charging systems and vehicles - provide city bikes, front and full suspension mountain bikes, Segways and other solutions; Batteries of different sizes to store, absorb and use the electricity produced by photovoltaic systems to maximize self-consumption and reduce dependence on the grid  
\$694.18 million (2020)

Areti S.p.A. & Acea Group (see *supra*)

+39 800 130 330 d&b

+39 800 130 336

Massimo Bonato, CEO

Electric Power Generation, Transmission and Distribution Industry; 1,309 employees; 36,481 companies in the corporate family; is one of the main Italian operators in the distribution of electricity - to 1.6 million supply points and 31,000 Km of high, medium and low voltage network ; Acea Group is investing to improve water and electricity infrastructures and in renewables, both utility scale and consumer

\$684.38 million (2020)

Illumia S.p.A.

+39 516 008 080

[servizioclienti@illumia.it](mailto:servizioclienti@illumia.it)

Electric Power Generation, Transmission and Distribution Industry; 106 employees; 13 companies in the corporate family; supplies gas and electricity

\$666.71 million (2020)

Costantin S.p.A.

+39 429 840 172 d&b

+39 800 357 771 company facebook

Gasoline Stations Industry; 67 employees; 60 companies in the corporate family; gas stations and LPG for domestic and industrial use; doesn't say how many or where

\$666.51 million (2020)

Energas S.p.A.

+39 81 412 287 operational headquarters

+39 800 170 701

+39 812 451 820

[info@energasq8.it](mailto:info@energasq8.it)

<https://energasq8.it/contatti>

Natural Gas Distribution and Gas Station Industries; 188 employees; 166 companies in the corporate family; supplies homes, condominiums, businesses and fuel distribution systems with LPG; upwards of 100 stations

\$639.20 million (2020)

Sorgenia Powewr S.p.A.

+3987 57 231 d&b

+39 9-- 070 800

Alberto Bigi, Director of Innovation and Development

Electric Power Generation, Transmission and Distribution Industry; 58 employees; 749 companies in the corporate family; offers electricity and gas for home and business; running and building new plants from renewable sources; have built generation plants capable of starting quickly when production from renewable sources decreases

\$635.27 million (2020)

Sarlux SRL & Saras Group  
relazioniesterne@saras.it

Petroleum Generation Industry; 1,098 employees; 25 companies in the corporate family; largest refinery in the Mediterranean in terms of production capacity and structural complexity

\$619.74 million (2020)

SPIGAS SRL

+39 187 257 105

info@spigas.com general info

administration@spigas.com administration email

Methane Gas Distribution Industry; 16 employees; 524 companies in the corporate family; has become part of an international group among the most important in Europe (the German company VNG supra <https://www.vng.de>); operates in major international markets such as NCG, TTF, CEGH, and many others; sales to the industrial customer

\$606.56 million (2020)

Nova Aeg S.p.A.

+39 161 271 898

+39 800 663 836

info.clienti@novaaeg.it

Electric Power Generation, Transmission and Distribution Industry; 45 employees; 78 companies in the corporate family; use energy from renewable sources

\$590.67 million (2020)

Unareti S.p.A.

+39 3 035 531 d&b

+39 800 030 103

<https://www.unareti.it/unr/unareti/elettricita/progetto-contatori/contatti> -  
electricity contact form

Electricity and Natural Gas Distribution Industry; 1,479 employees; 484 companies in the corporate family; supplies natural gas and electricity; plus eMobility - charging point operators interested in the installation of infrastructures for recharging on public and/or private land

\$586.25 million (2020)

Electrade S.p.A.

+39 35 321 414 d&b

+39 0424 195 551 Registered Office and Investments

info@electrade.it

Electric Power and Natural Gas Trading Industry; 17 employees; 11 companies in the corporate family; active in the trading of electricity, natural gas and environmental securities on the main European regulated and over-the-counter markets with energy volumes traded equal to 46 TWh per year; with over 200 counterparties and volumes of energy from renewable sources and cogeneration equal to 1 TWh; operate on the international energy markets (27 countries) in the marketing of electricity and natural gas; purchase and manage the energy of renewable sources and cogeneration plants

\$569.32 million (2020)

Vivigas S.p.A.

+39 302 583 137 d&b

+39 800 30 22 33 business number

<https://www.viviennergia.it/form-top-business-contact-form>

Natural Gas Distribution Industry; 138 employees; 79 companies in the corporate family; 351,000 customers

\$565.44 million (2020); €525 million Vivigas

A2A Ambiente S.p.A. (parent A2A S.p.A.)

+39 233 203 001 d&b

+39 2 77 201

infomi@a2a.eu

website blocked

Waste Treatment and Disposal Industry; 840 employees; 484 companies in the corporate family; Subsidiaries: A2A Recycling S.r.l., Electrometal Srl, RI.ECO s.r.l., Resmal srl, Partenope Ambiente SpA, Tecnoacque Cusio S.P.A.

A2A needs €10.6 billion for:

Energy Transition - €10 billion of cumulated investments in 2021-2030; mission: guaranteeing the production and use of clean energy by speeding up decarbonization and enabling the electrification of consumption

Circular Economy - €6 billion of cumulated investments in 2021-2030; mission: enabling circular economy to preserve the planet's resources and protect the

environment; actions: boosting material recovery, strengthening energy recovery, reduction of waste  
\$556.42 million (2020); €1.19 billion (2020) A2A

Terna Rete Italia S.p.A. & Terna S.p.A.

+39 683 138 111

Investor Relations & ESG

investor.relations@terna.it

Omar Al Bayaty, Head of Investor Relations & ESG

+39 683 138 282

omar.albayaty@terna.it

Electric Power Generation, Transmission and Distribution Industry; 3,223 employees (4,735 2020 wikipedia); 98 companies in the corporate family; Terna S.p.A. is a transmission system operator (TSO) based in Rome, Italy. It operates through Terna Rete Italia, that manages the Italian transmission grid and Terna Plus which is in charge of new business opportunities and non-traditional activities in Brazil, Uruguay, Peru and Chile (2020). With 74,723 kilometres (46,431 mi) of power lines or around 98% of the Italian high-voltage power transmission grid, Terna is the sixth largest electricity transmission grid operator in the world based on the size of its electrical grid.[1]

\$550.67 million (2020); €786 million (2020) Wikipedia

CVA Energie Srl

+39 166 823 205 d&b

+39 800 998 944

customers.business@cvaenergie.it medium and large customers

Electric Power Generation, Transmission and Distribution Industry; 607 employees; 36,484 companies in the corporate family; from the waters of the Aosta Valley we generate renewable energy; the company invests in renewable sources; over 40,000 customers; actively continuing to equip the Aosta Valley area with an efficient charging network for electric vehicles; Fast charging stations for e-bikes are operational in the municipalities of Saint-Pierre, Gaby, Brusson and Torgnon

\$544.64 million (2020); €6.8 Million profit (2020) CVA

Enipower S.p.A.

+39 025 201

Investor Relations

+39 02 520 516 51

investor.relations@eni.com

Martina Opizzi, Head of Investor Relations (also her and the others for Oléoduc du Rhône S.A. supra)

opizzi\_investor@eni.com

Electric Power Generation, Transmission and Distribution, Natural Gas and Renewable Energy Industries; 308 employees; 1,284 companies in the corporate family; natural gas and oil to co-generated electricity and renewables, including both traditional and bio refining and chemicals, operating at all levels of the market, right down to the end user; pursuing green energies, so called because they come from renewable sources like solar, wind and wave motion, are increasingly present in our activities; operates in 68 countries with 30,775 workforce; references the 17 Sustainable Development Goals - #7 affordable and clean energy and #13 climate action

\$535.66 million (2020); €3.4 billion Adjusted operating profit (2021) ENI

Ireti S.p.A.

+39 105 586 664

posta@ireti.it

Water, Natural Gas and Electricity Distribution Industries; 1,348 employees; 397 companies in the corporate family; 1,200 million meters of gas distributed through 8,000 Km of network; 4,000 GWh of electricity distributed through 7,70 Km of network; 290,000 million meters of water distributed through 23,000 Km of aqueduct network

\$531.42 million (2020)

Herambiente S.p.A. rigavi

+39 51 812 125

Waste Treatment and Disposal, Natural Gas, Water and Energy Distribution Industries; 711 employees; 571 companies in the corporate family; a multiutility company based in Bologna, Italy. Hera operates in the distribution of gas, water, energy, and waste disposal; the largest company in the waste treatment sector; 90 certified plants, over 1,400 specialized operators and a dedicated commercial structure, the company operates on the national and international market

\$515.58 million (2020)

Acquedotto Pugliese S.p.A.

+39 805 723 111 d&b

+29 800 735 735

Water Distribution Industry; 2,029 employees; 36,480 companies in the corporate family; distribution by aqueduct  
\$506.30 million (2020)

Societa' Metropolitana Acque Torino S.p.A. & The SMAT Group  
+39 114 645 111  
info@smatorino.it

Water, Sewage and Other Systems Industry; 953 employees; 36,484 companies in the corporate family; The SMAT Group is a leader in the field of integrated water service where it operates through the design, construction and management of diversified sources of water supply, technologically advanced purification plants, treatment plants and reuse of urban waste water, collection networks, purification and reuse and cogeneration and energy recovery plants  
\$494.77 million (2020)

For companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.it.html?page=3>

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## Spain

Iberdrola SA  
Tomás Redondo, Investor Relations  
+34 917 842 804, número 1  
[investor.relations@iberdrola.es](mailto:investor.relations@iberdrola.es)  
€36.44 billion

...V...

I-de Redes Electricas Inteligentes Sociedad Anonima (Iberdrola subsidiary)  
+34 944 151 411  
Electric Power Generation, Transmission and Distribution Industry; 3,378 employees; 2,475 companies in the corporate family  
\$2.29 billion (2020)

Naturgy Energy Group S.A.  
+34 900 100 252

Shareholders and investors

accionista@naturgy.com, capitalmarkets@naturgy.com

formerly Gas Natural Fenosa, is a Spanish multinational natural gas and electrical energy utilities company, which operates primarily in Spain; a leading Spanish energy company supplying gas and electricity to over 18 million customers globally. With a distribution network consisting of nearly 220,000 kilometers of electricity lines and nearly 135,000 kilometers of gas lines, the company delivers around 465,000 GWh of gas and around 55,000 GWh of electricity annually. It also produces about 45,000 GWh of electricity itself. Gas Natural Fenosa has a global customer base, with special concentration in Spain, Chile, Brazil, Argentina, Mexico and Panama

\$18.15 billion (2020)

Siemens Gamesa Renewable Energy SA

+34 944 037 352

Andreas Nauen, CEO

For retail shareholders:

+34 900 50 41 96 & info\_accionista@siemensgamesa.com

installed about 27,000 MW of wind turbines in more than 40 countries; installed 6,000 MW and has an 18,000 MW capacity in Asia, Europe, and the US

\$11.19 billion (2020)

Gamesa Corporación Tecnológica

Carlos Albi, Managing Director of Corporate Development and Strategy

+34 944 03 73 52 (Spain)

info@siemensgamesa.com

€9.4 billion (2020)

Endesa Energía, S.A.U.

+34 912 131 000

Investor relations

+34 91 213 15 03

ir@endesa.es

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 1,078 employees; 3,111 companies in the corporate family; a multinational electric utility company, the largest in Spain - nuclear, fossil-fueled, hydroelectric, and renewable resource power plants; the firm, a majority-owned subsidiary of the Italian utility company Enel, has 10 million customers; increased

investment in renewables - the new strategic plan 2021-2023, which was presented on November 25, 2020 to the investment community, increases investments by 25% to \$7.9 billion; in the 2020s estimated total investment of \$25 billion; \$10 billion allocated to new renewable power  
\$12.61 billion (2020)

...V...

EDISTRIBUCIÓN Redes Digitales, S.L.

+34 912 131 000

Electric Power Generation, Transmission and Distribution Industry; 2,740 employees; 3,111 companies in the corporate family  
\$2.80 billion (2020)

Acciona

+34 01 663 28 50

[inversores@acciona.es](mailto:inversores@acciona.es), [responsabilidadcorporativa@acciona.com](mailto:responsabilidadcorporativa@acciona.com)

a Spanish multinational conglomerate dedicated to the development and management of infrastructure and renewable energy. The company, via subsidiary Acciona Energy, produces 21 TW hours of renewable electricity a year  
€6.47 billion (2020)

Gas Natural Comercializadora SA

+34 900 100 251

Investor Relations

+39 900 100 339

[Accionista@naturgy.com](mailto:Accionista@naturgy.com)

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 582 employees; 798 companies in the corporate family; multinational natural gas and electrical energy utilities company  
\$6.12 billion (2020)

...V...

EDE (Naturgy Iberia S.A.)

+34 900 100 251

Natural Gas Distribution Industry; 433 employees; 798 companies in the corporate family  
\$3.89 billion (2020)

Elecnor SA

+34 914 179 900

Rodríguez Arias, Economy & Finance

+34 94 489 91 00

Shareholder Office

accionistas@elecnor.es

one of the leading corporations in project development, construction and operation through two major mutually-enriching business areas: infrastructure and concessions; is firmly committed to entering as a benchmark investor, diversifying its renewable energy portfolio with photovoltaic and thermoelectric solar energy projects; business segments - infrastructure, renewable energy, electrical transmission concessions and technology; a top EPC (engineering, procurement, and construction) firm; sectors include gas, telecom, railways, construction, power plants and environmental services; has some 80 subsidiaries and affiliates located in more than 40 countries; more than 18,000 employees

\$2.90 billion (2020)

EDP Renováveis, S.A.

<https://www.edpr.com/en/general-contact-form>

+34 90 283 0700

€1.697 billion

Nexus Energía & The Nexus Energía Group

+34 900 818 533 d&b

+34 932 993 332 / 900 818 533

atencioncliente@nexusenergia.com

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 160 employees; 13 companies in the corporate family; Commercialization of electricity and natural gas and representation of producers; Supply of energy to Qualified Users and Energy Management to Renewable Energy Generation Plants in Mexico

\$1.02 billion (2020)

Ufd Distribucion Electricidad S.A. & The Naturgy Group

+34 900 100 251

<https://www.ufd.es/contacto>

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 1,195 employees; 798 companies in the corporate family; the third largest electricity distribution operator in Spain; focus on the development,

modernization and digitization of our electrical networks applying innovation as the main axis of the electricity distribution business; immersed in an important plan to reduce waste originated in the construction and maintenance operations of our electricity distribution network, incorporating recovery and recycling processes \$996.03 million (2020)

Canal de Isabel II S.A.

+34 915 451 000 d&b

+34 900 365 365 customer service

Javier Tusell García, Finance and Business Development Director

Water, Sewage and Other Systems Industry; 2,833 employees; 175 companies in the corporate family; water supplier for more than 6 million; the only company that manages the water supplies for Madrid, Spain; owned by the Autonomous Community of Madrid

\$981.38 million (2020)

FCC Aqualia S.A. (Fomento de Construcciones y Contratas, S.A.)

+34 913 595 400

Water, Sewage and Other Systems Industry; 5,629 employees; 525 companies in the corporate family; the fourth largest water management and sewage/wastewater treatment company in Europe and the ninth in the world-serves nearly 30 million people in 17 countries: Algeria, Saudi Arabia, Colombia, Chile, Ecuador, Egypt, United Arab Emirates, Spain, France, Italy, Mexico, Oman, Portugal, Qatar, Czech Republic, Romania and Tunisia; specialized in the design and construction of all types of hydraulic infrastructures - purification, desalination, reuse and industry solutions

\$917.85 million (2020)

Repsol Comercializadora De Electricidad Y Gas, Slu

+34 900 118 866

+34 91 75 381 00/91 75 38 000

Electric Power Generation, Transmission and Distribution Industry; more than 24,000 employees in 31 countries; 1,801 companies in the corporate family; operating in more than 37 countries - 24 million customers; market a wide range of products in 100 countries; 5,000 gas stations in Spain, Portugal, Peru and Mexico; eMobility - more than 300 charging points in Spain and Portugal; accelerating the energy transition - energy efficiency and the circular economy; producing in its industrial complex in Petronor the first batch of biojet in Spain obtained from

waste; 5,300 tons of sustainable fuel that will prevent the emission of 300 tons of CO<sub>2</sub>, equivalent to 40 Madrid-Bilbao flights  
\$845.50 million (2020)

Aldro Energía y Soluciones, S.L.

+34 902 646 022

info@ldroenergia.com

<https://aldroenergia.com/contacto>

Electric Power and Natural Gas Generation, Transmission and Distribution Industry;  
84 employees; 1,284 companies in the corporate family; sells electricity from 100% renewables

\$642.54 million (2020)

CEPSA Gas Comercializadora SA (subsidiary Cepsa Gas Y Electricidad S.A.)

+34 913 749 090

<https://www.cepsa.com/en/footer/contact-us>

Investor Relations

investorrelations@cepsa.com

<https://www.cepsa.com/en/footer/contact-us#tab-inversores>

Electric Power and Natural Gas Generation, Transmission and Distribution Industry;  
996 companies in the corporate family; a global and integrated energy and diversified company operating on 5 continents and across the entire oil, chemical and gas value chain. Mubadala Investment Company Group and The Carlyle Group are main shareholders

\$620.29 million (2020)

Fenie Energía, S.A.

+34 916 263 912

+34 900 215 470

info@fenieenergia.es

shareholders@fenieenergia.es

<https://www.fenieenergia.es/nosotros>

Electric Power and Natural Gas Generation, Transmission and Distribution Industry;  
170 employees; 6 companies in the corporate family; Marketer of electricity, gas, green energy, energy producers, energy saving services, self-consumption; committed to sustainable development; 440,000 customers; eMobility charging solutions

\$589.29 million (2020)

Entech - Renewable Energy Solutions Pty Ltd. (partnered with Oxicom Group and affiliated with Fujian Newland Group)

+34 91 304 8302

<https://newlandentecheuropa.com/contact>

developed nine series of water treatment, air purification and disinfection products, such as UV disinfection systems, large ozone generators, deodorizing equipment, and so on.; 4,000 employees

...V...

Oxicom Group

+34 91 304 8302

[info@oxicom.es](mailto:info@oxicom.es)

<https://oxicom.es/contacto>

been in the water treatment market for more than 30 years with products and applications sold in many countries; diffusion system allows recovery to eliminate eutrophication problems of lakes, reservoirs, swamps, etc. and therefore recover the natural state of the water; and state-of-the-art ozone equipment, highly efficient ultraviolet systems (in open channel or in reactors), a wide variety of rotor filter models, compact plants, etc.

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.es.html?page=1>

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## Portugal

EDP - energias de Portugal S.A.

+351 210 012 500

generates, transmits & distributes electricity and gas to more than 11 million customers. EDP is the fourth largest wind energy production company in the world and almost 66% of its energy is produced from renewable resources. Other operations include a majority stake in Spanish utility HC Energía. EDP (a major wind energy player) has a combined generating capacity of more than 25 GW (around 26,680 MW) from its domestic hydroelectric, coal, and wind-powered plants. Majority of its sales were generated in Portugal  
\$14.72 billion (2020)

...V...

EDP Commercial - ComercializaCAO De Energia, S.A. & The EDP Group

+351 210 012 500 d&b

+351 213 53 53 53

Electric Power & Gas Generation, Transmission and Distribution Industry; 449 employees; 535 companies in the corporate family; gas green electricity and solar power; eMobility home charging  
\$3.56 billion (2020)

...V...

EDP - Gestao Da Producao De Energia S.A.

+351 210 012 500

Electric Power Generation, Transmission and Distribution Industry; 745 employees; 535 companies in the corporate family;  
\$1.64 billion (2020)

Galp Energia, SGPS, S.A.

investor.relations@galp.com

+351 21 724 08 66

Otelo Ruivo, Head of Investor Relations

E-mail: otelo.ruivo@galp.com

Teresa Rodrigues

teresa.l.rodrigues@galp.com

João G. Pereira

joao.pereira@galp.com

João D. Antunes

joao.david.antunes@galp.com

goal: decarbonisation - developing innovative solutions that promote the transition into a low-carbon economy; ensure that Galp is part of the solution to today's and tomorrow's challenges; more than 1,450 gas stations, it is seeking to expand its exploration and production efforts. The company has significant exploration and production activities in Angola, Brazil, and Portugal and holds gas and power infrastructure assets in Portugal

\$13.47 billion (2020)

Galp Power, S.A.

+351 217 242 500

Electric Power, Oil, Gas and LPG Generation, Transmission and Distribution Industries; 6,360 companies in the corporate family; renewables includes solar - its

ambition is to develop its renewable generation pipeline, also biofuels; has a presence in 11 countries and export its products to over 50 nations; are evaluating the development of green hydrogen solutions, taking advantage of our privileged position and industrial skills; plus assessing entry opportunities in the fast-growing battery value chain, namely in lithium processing, capturing an early mover advantage in Europe  
\$12.98 billion (2020)

SU Eletricidade S.A.  
+351 210 017 528 d&b  
+351 210 540 549 business customers  
Electric Power Generation, Transmission and Distribution Industry; 80 employees;  
535 companies in the corporate family  
\$2.93 billion (2020)

Elecnor SA  
+351 914 179 900  
elecnor@elecnor.com  
provides facilities services including analysis, design, construction, installation, operations, and maintenance for a variety of sectors, including gas, telecom, railways, construction, power plants, and environmental services. Elecnor has some 80 subsidiaries and affiliates located in more than 40 countries around the world; more than 18,000 employees  
\$2.90 billion (2020)

REN - Rede Electrica Nacional, S.A.  
+351 210 013 500  
Representative for Market Relations  
Gonçalo Morais Soares, Chief Financial Officer  
Investor Relations  
Ana Fernandes (Director), Alexandra Martins & Telma Mendes  
+351 21 001 35 46  
ir@ren.pt  
Electric Power and Gas Distribution Industries; 210 employees; 17 companies in the corporate family; operates in two major business areas: the transport of very high voltage electricity and the overall technical management of the National Electric System and the transport of high pressure natural gas; reflecting the national investment in the field of renewable energies, the Portuguese State

awarded Enondas - Energia das Ondas. SA, whose share capital is fully held by REN, the concession for the exploration of a pilot zone for the production of electricity from the waves of the sea; the internationalization of REN's operations is taking its first steps

\$2.4 billion (2020)

E-Redes - Distribuicao De Eletricidade, S.A.

+351 808 100 100 d\*b

+351 808 100 100 or 218 100 100

<https://www.e-redes.pt/pt-pt/contacte-nos>

José Ferrari Careto, Chairman of the Board

Electric Power Generation, Transmission and Distribution Industry; 2,971 employees; 535 companies in the corporate family; 229,168 Kms of transmission lines, 6.3 million customers; €308 million operating investment in 2020; Director Angelo Manuel de Melo Sarmiento - Operation of Electric Mobility Charging Points since 2010; goals: (1) drive the development of a low-carbon smart grid through innovation, responding to the integration of new energy markets and services, impacting investment options and operation management; clean distribution - drive the development of a low-carbon smart grid through innovation, responding to the integration of new energy markets and services, impacting investment options and operation management; (2) circular Economy and biodiversity; (3) sustainable consumption, sustainable business partnerships and diversity and well-being; sustainability strategy is also aligned with the Sustainable Development Goals of the United Nation - #6, 7, 8, 9, 11, 12, 13 and 15

\$1.50 billion (2020)

Endesa Energia, S.A.

+351 217 231 455 d&b

+351 800 101 033

Electric Power Generation, Transmission and Distribution and Gas Sale Industries; 47 employees; 3 companies in the corporate family; a multinational in the energy sector with more than 12 million customers across Europe - 4,000 in Portugal; eMobility charging solution

\$1.27 billion (2020)

Iberdrola Clientes Portugal, Unipessoal, LDA & Iberdrola Group

+351 213 502 750 d&b

Iberdrola Group

+351 808 50 20 50

Electric Power Generation, Transmission and Distribution Industry; 53 employees; 2,474 companies in the corporate family; electricity, gas, solar and eMobility; Iberdrola Group is the largest producer of renewable energy in Europe and the USA, one of the 5 largest electricity companies in the world and the world leader in wind energy; a multinational team of more than 28,000 working in 31 countries to provide 100 million customers around the world; \$916.32 million (2020); €33.44 billion (2020) Wikipedia

Redes Energéticas Nacionais

+351-21 001 3500

Gonçalo Morais Soares, Chief Financial Officer

ir@ren.pt

[https://www.ren.pt/pt-PT/quem\\_somos/contacte\\_nos](https://www.ren.pt/pt-PT/quem_somos/contacte_nos)

\$834.15 million (2020)

Altri SGPS SA

Ricardo Mendes Ferreira, Investor Relations Officer

rmf@altri.pt

+351 21 049 42 46

\$719 million

EDP Gas.com - Comercio De Gas Natural, S.A. & The EDP Group

+351 808 273 333

<https://www.edpgassu.pt/index.php?id=248>

Natural Gas Distribution Industry; 535 companies in the corporate family

\$352.41 million (2020)

Alves Bandeira & CA., S.A.

+351 231 244 200

alvesbandeira@a-bandeira.pt

Gasoline Stations Industry; 506 employees; 125 companies in the corporate family; ~150 gas stations

\$285.19 million (2020)

DC-PV Decentralized Photovoltaics (subsidiary of Asunim Group, DC-PV)  
+351 289 819  
info@dc-pv.com  
<https://www.dc-pv.com/en/contacts>  
financials unknown

Energie Energia Solar Termodinâmica  
+351 252 600 230  
energie@energie.pt  
<https://www.energie.pt/en/contacts>

goal: achieving a prominent position on new markets worldwide; ENERGIE EST, Lda. is the exclusive holder of the patent and manufacturer of thermodynamic solar systems; since that time it has asserted itself nationally and internationally as a reference in the manufacture of solar energy

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.pt.html?page=1>

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## Greece

Public Power Corporation  
+30 210 523 0301

The company is Greece's primary electric utility, providing around 75% of the total electricity supplied to end-customers in Greece. PPC holds assets in lignite mines, power generation and distribution. The installed capacity of its power plants is 11.6 GW capacity and accounts for approximately 55% of the installed capacity of power stations in Greece (including 930 MW of its two lignite subsidiaries Lignitiki Melitis S.A. and Lignitiki Megalopolis S.A.). Its power portfolio consists of hydroelectric, thermal (oil, lignite, and natural gas), and renewable sources (wind and solar power), and it delivers the spark to 6.6 million customers. Most of the company's sales were generated in Greece.

\$5.50 billion (2020)

Mytilineos SA  
+30-2106 877 300  
Investor Relations (+30 210-6877300 & ir@mytilineos.gr)  
Nikolaos Lattas

+30 210 687 7436

nikolaos.lattas@mytilineos.gr

a leading global industrial and energy company with a strong presence in all five continents; Four Business Units, the Power & Gas BU, the Metallurgy BU, the Renewables & Storage Development BU and the Sustainable Engineering Solutions BU; portfolio of 1,200 MW of thermal units and 222 MW of Renewable Energy Sources, covers more than 10% of domestic demand; 2,720 employees; 95 companies in the corporate family  
\$2.25 billion (2020)

...V...

Protergia (a subsidiary of Mytilineos SA)

210 344 8500

<https://www.protergia.gr/el/forma-epikoinwnia>

Protergia manages all MYTILINEOS power plants, including gas-fired power plants and Renewable Energy Units (wind farms, photovoltaic stations and small hydropower plants)

Gek Terna

+30 210 6968000

info@gekterna.com

Peristeris Georgios, CEO

invested more than €2.5 bn during the recent years; energy storage, clean and thermal energy, waste management infrastructure construction; 3,400 employees; 69 companies in the corporate family; Terna Energy S.A. is actively involved in wind (Aeolian) power generation; Heron S.A. is a subsidiary of Terna and is involved in the construction and operation of thermoelectric power stations fuelled with natural gas  
\$1.15 billion (2020)

Hellenic Electricity Distribution Network Operator S.A.

+30 211 190 0500

Electric Power Generation, Transmission and Distribution Industry.; 6,297 employees; 40 companies in the corporate family; the operation, maintenance and development of the electricity distribution network in Greece; references the U.N.'s Sustainability Goals  
\$1.06 billion (2020)

Depa Commercial S.A.

+30 210 270 1000

Natural Gas Distribution Industry; 121 employees; 215 companies in the corporate family; more than 1,000 kilometers of high-pressure transmission network, more than 5,000 kilometers of medium-pressure distribution; the main lever, the investment horizons are widened and the business opportunities are multiplied in the whole network of respective activities inside and outside the country; in its group of companies is North Solar S.A. but no info  
\$840.82 million (2020)

Elpedison Power Generation Single Member S.A.

+30 210 344 1000

customer@elpedison.gr

Nikolaos Zachariadis, CEO

Electric Power and Natural Gas Generation, Transmission and Distribution Industries; 205 employees at this location and generates; there are 6 companies in the corporate family; two privately owned combined cycle power plants with natural gas fuel; a leading energy company, both in the production and supply of electricity and in the supply of natural gas  
\$809.96 million (2020)

Iron Sa Energeiakon Ypiresion & The Heron Group

+30 213 033 3000

+30 213 00 75 499

CustomerCare@heron.gr

Electric Power and Natural Gas Generation, Transmission and Distribution Industries; 200 employees; 7,659 companies in the corporate family; eMobility charging solution with solar; the priority of the HERON Group is the promotion of electric mobility in the country;  
\$511.53 million (2020)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.gr.html?page=1>

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## Austria

OMV Gas Marketing & Trading GmbH & OMV Group (subsidiary of OMV Aktiengesellschaft)\*

+43 140 4400

Michael Peisser, Managing Director

Natural Gas Distribution Industry; 112 employees; 562 companies in the corporate family; is part of an integrated, international oil and gas group that has been active for more than 60 years across the entire value chain - from the borehole to the end customer; has partnered in Austria, Germany, Hungary, the Netherlands and Belgium

\* Reinhard Florey, Chief Financial Officer

\$17.40 billion (2020)

VERBUND AG

+43 503 130

Investor Relations

Ana Triska

+43 50313 52614

investor-relations@verbund.com

Selling electricity to households and small and large companies in Austria and to large customers in Germany, France and other countries;; operates 90 hydropower plants it owns, as well as another 20 for which it has procurement rights, and nine thermal power plants; generating assets produce about 28,300 gigawatt hours of energy per year; The Republic of Austria owns 51%

\$3.58 billion (2020)

...V...

VERBUND Energy4Business GmbH

+43 50 313

Electric Power Generation, Transmission and Distribution Industry; 133 employees; 3,377 companies in the corporate family

\$2.88 billion (2020)

...V...

VERBUND Hydro Power GmbH

+43 503 130

Electric Power Generation, Transmission and Distribution Industry; 1,096 employees; 3,377 companies in the corporate family  
\$943.60 million (2020)

Energie AG Oberösterreich

+43 590 000

website not accessible

Electric Power Generation, Transmission and Distribution Industry; 4,362 employees; 508 companies in the corporate family;  
\$2.10 billion (2020)

Salzburg AG für Energie, Verkehr und Telekommunikation (partnered with Salzburg Netz GmbH)

+43 66 88 840 d&b

+43 800 650 660

kundenservice@salzburg-ag.at

<https://www.salzburg-ag.at/kontakt/kontaktformular.html>

Dr. Leonhard Schitter, General Director

Electric Power Generation, Transmission and Distribution Industry; 2,400 employees; 45 companies in the corporate family; provides electricity, light, water and heating; eMobility charging solutions for home and on the road, includes fleet management

\$1.72 billion (2020)

KELAG-Kärntner Elektrizitäts-Aktiengesellschaft

+43 463 5250

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 1,524 employees; 142 companies in the corporate family; hydropower, wind, solid/liquid biomass, solar and other eco-energy sources; eMobility charging solutions for home, business and on the go; partnered with Kelag Autostrom - over 5,000 charging points throughout Austria

\$1.44 billion (2020)

Tiroler Wasserkraft

+43 506 0727 060

sc@tiwag.at

clean and CO2-free generation of electricity from regenerative domestic hydropower

1,433 employees; 175 companies in the corporate family

\$1.34 billion (2020)

EVN AG

+43 2236 2000

Gerald Reidinger, Head of Controlling and Investor Relations

+43 2236 200 12698

gerald.reidinger@evn.at

Matthias Neumüller, Investor Relations Officer

+43 2236 200 12128

matthias.neumueller@evn.at

The utility -- one of Austria's largest -- provides electricity, natural gas, heat, and related services. Outside its home borders, the company has gained control of electricity suppliers in Bulgaria and Macedonia; The company has built drinking water and wastewater treatment plants in Croatia, Poland, and Russia EVN has also put its waste-incineration know-how to good use and has a waste-to-energy plant in Moscow

\$2.49 billion

...V...

Netz Niederösterreich GmbH (subsidiary)

+43 223 620 10

Electric Power Generation, Transmission and Distribution Industry; 1,110 employees; 628 companies in the corporate family;

\$615.21 million (2020)

Energie Steiermark Business GmbH

+43 316 900 00

service@e-steiermark.com

<https://www.e-steiermark.com/hilfe-kontakt>

Martin Graf MBA

Electric Power Generation, Transmission and Distribution Industry; 1,800 employees; 361 companies in the corporate family; 29 main operating locations; also in Slovakia, the Czech Republic and Slovenia; 600,000 customers

\$1.25 billion (2020)

Energie AG Oberösterreich Trading GmbH

+43 590 000 d&b

+43 800 81 800

website not accessible

Electric Power Generation, Transmission and Distribution Industry; 41 employees;

508 companies in the corporate family

\$1.16 billion (2020)

ENERGIEALLIANZ Austria GmbH, Zweigniederlassung Essen

+49 20 13 193 770

+43 1 904 100 (Austria)

office@energieallianz.at

<https://www.energieallianz.com/de/at/info/kontakt.html>

Jörg Sollfelner, Managing Director (Austria)

Electric Power Generation, Transmission and Distribution Industry; 140 employees;

9 companies in the corporate family; Energy Alliance Austria - headquartered in

Vienna, supplies around 120,000 customer systems in the large, industrial and

business customer segment with electricity (hydropower), natural gas and energy-

related services - totaling 2.9 million. ENERGIEALLIANZ Austria trades across

Europe in electricity and natural gas

\$1.11 billion (2020)

EAM Netz GmbH

+49 80 03 250 532

Info@EAM-Netz.de

Electric Power Generation, Transmission and Distribution Industry; 928 employees;

39 companies in the corporate family; 928 employees; eMobility charging solution;

and has a solar package; plus water supply and wastewater disposal

\$1.09 billion (2020)

SWM Infrastruktur GmbH & Co. KG

+49 8 923 610

netzinfo@swm-infrastructure.de

Natural Gas Distribution Industry; 103 employees; 5,048 companies in the

corporate family; electricity network levels of low voltage, medium voltage and

high voltage; plus natural gas distributor

\$1.09 billion (2020)

WSW Wuppertaler Stadtwerke GmbH

+49 20 25 690

<https://meine-wsw.wsw-online.de/Home/Contact>

Management of Companies and Enterprises Industry; 3,107 employees; 4,206 companies in the corporate family; a local electricity and gas distribution network operator; has a wind farm, wind energy plant, hydropower turbines, gas pressure expansion turbine, waste incineration plant and water treatment plant; leases photovoltaic systems - excess power is fed into the power grid and is remunerated; eMobility charging solutions for home and on the road; driving on natural gas

\$1.04 billion (2020)

ENERVIE (Südwestfalen Energie und Wasser AG)

+49 233 135 650

Erik Höhne, Board spokesman, Director of Finance

Management of Companies and Enterprises Industry; 1,200 employees; 18 companies in the corporate family; supplies electricity, gas, heating and drinking water; covers the entire value chain - generation, trading, distribution, sales - in the energy market

\$1.03 billion (2020)

Infraserv Höchst (Infraserv GmbH & Co. Höchst KG)

+49 693 056 767

<https://www.infraserv.com/en/allgemein/kontakt>

Electric Power Generation, Transmission and Distribution Industry; 2,700 employees; 29 companies in the corporate family; design and construction of plants and buildings; in the chemical and pharmaceutical industry, represented at over 100 industrial sites nationwide. We're the leading site developer and expert for chemical industry services; expertise includes keeping clients reliably supplied with utilities, whether power and natural gas or heating and cooling or water and industrial gases

\$1.02 billion (2020)

A-TEC Industries AG

+43 168 08 2993 (d&b)

+43 1 680 82 991

5,189 employees; 9 companies in the corporate family; might be defunct

\$923.20 million (2020)

Wiener Netze GmbH

+43 501 2888

info@wienernetze.at

DI Thomas Maderbacher, DI Gerhard Fida, Mag. Hermann Nebel

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 2,500 employees; 1,076 companies in the corporate family; Austria's largest combined network operator with 30,000 Kms of transmission lines; supplies millions of people with electricity, gas and district heating; 2.1 million customers; investing in the future of energy, including an infrastructure for eMobility - will spend €1.4 billion in all three business models by 2024; spends €300 million a year for maintenance and network expansion

\$894.11 million (2020)

Andritz AG

+43 508 050

Investor Relations

+43 316 6902 0

welcome@andritz.com

<https://www.andritz.com/group-en/investors/investors-inquiry>

Engine, Turbine, and Power Transmission Equipment Manufacturing Industry; 1,240 employees; 377 companies in the corporate family; industries include desalination, environment, marine/offshore (tidal energy generation, seawater flue gas desulphurization, pumps and motors for seawater applications); oil and gas production, power generation (hydro), recycling (manufacture recycling plants & machines, separation solutions, metals recycling solutions, thermal power (turbogenerators for thermal power plants, chemical recovery boilers, ecofluid boilers, HERB recovery boilers, power fluid boilers, soda liquor boilers, sulfite liquor boilers), solid biofuel pelleting and waste - recycling (converting paper mill waste into valuable fuels, converting organic waste to energy; a presence in Brazil, Canada, China, Finland, Germany, US and more totaling over 280 sites

\$879.22 million (2020)

TIWAG-Tiroler Wasserkraft AG

+43 506 070 d&b

+43 506 0727 060

sc@tiwag.at

Electric Power Generation, Transmission and Distribution Industry 1,123 employees; 175 companies in the corporate family; hydropower generation and

distribution; operates 9 large and 34 smaller power plants. In addition, the state energy supplier is working on the implementation of several power plant projects \$853 billion (2020)

Austrian Power Grid AG

+43 50 320 161

apg@apg.at

Dr. Michael Strugl, MBA

Electric Power Generation, Transmission and Distribution Industry; more than 600 employees; 3,377 companies in the corporate family; as the operator of the supra-regional electricity transmission network, APG is also responsible for exchanging electricity with neighboring countries; Our network forms the basis for the further expansion of renewable energies; developments like eMobility are also unthinkable without a powerful and flexible power grid

\$822.88 million (2020)

illwerke vkw AG

+43 55 746 010

Electric Power Generation, Transmission and Distribution Industry; 1,211 employees; 176 companies in the corporate family; hydropower; he planning, financing, implementation, construction and maintenance of the heating systems and lighting concepts; builds, operates and maintains the technical infrastructure for the electricity and natural gas network in Vorarlberg; with a network availability of 99.999% in the electricity network, we are among the absolute leaders in security of supply across Europe

\$802.51 million (2020)

Energie AG Oberösterreich Vertrieb GmbH

+43 590 000

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 155 employees; 508 companies in the corporate family; a regional energy supply and infrastructure companies. With its subsidiaries and holdings, the group is active in the fields of energy, i.e. electricity, natural gas and heat, as well as in the areas of waste disposal and water

\$715.89 million (2020)

Wien Energie Vertrieb GmbH & Co KG

<https://www.wienenergie.at/kontakt/kontaktformular-business>

Electric Power Generation, Transmission and Distribution Industry; 1,075 companies in the corporate family; Austria's largest regional energy provider and a subsidiary of Wiener Stadtwerke; supply 2 million customers with electricity, heat, cooling, eMobility (with 100% green electricity) and telecommunications; to promote climate protection, there will be massive investment in the expansion of renewable energies such as solar, wind and water power as well as electromobility over the next few years

\$690.45 million (2020)

Netz Oberösterreich GmbH

+43 590 700

website not accessible

Electric Power Generation, Transmission and Distribution Industry; 537 employees; 508 companies in the corporate family; electricity distribution network operator

\$533.27 million (2020)

Holding Graz - Kommunale Dienstleistungen GmbH

+43 316 8870 d&b

+43 316 8057 - 1857

[office@energie-graz.at](mailto:office@energie-graz.at)

Electric Power and Natural Gas Generation, Transmission and Distribution Industries; 2,426 employees; 68 companies in the corporate family; electricity, natural gas, district heating, lighting supplier from ecological production, natural gas and district heating; currently operates 85 trams and over 170 buses

\$510.18 million (2020)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.at.html?page=1>

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## **Belgium**

Electrabel (subsidiary of ENGIE)

+32 783 533 33

Operates nuclear, fossil-fueled, and hydroelectric power plants; the #1 power company in Benelux has a generating capacity of 9,020 MW (as well as 480 MW of renewable energy); it also supplies electricity and/or natural gas to more than 2.8 million customers; produces most of Belgium's electricity, also provides energy, heat, and steam to domestic industrial customers, trades power and gas and manages electricity and natural gas infrastructures  
\$12.91 billion (2020)

#### Rioglass Solar

<https://www.rioglass.com/24-rioglass-solar-international>

Headquartered in Brussels, Rioglass has offices in Spain, the U.S., South Africa, China, Germany, and Italy. Our factories are located in Spain, Middle East, Chile, China, the U.S., and South Africa; a multinational solar power and renewable energy technology manufacturer. We specialize in developing key optical components for concentrated solar power (CSP) and concentrated photovoltaic (CPV) applications, helping our customers all over the world capture and harness the sun's energy to create solar power. Founded in 2007, Rioglass Solar is the global market leader in CSP technologies. With six million mirrors delivered worldwide and 20 years of experience in supplying receiver tubes, Rioglass Solar is the largest provider of CSP heat collector element (HCE) tubes and tempered glass mirrors in the world  
no financial information

#### Global Water & Energy

+32 50 54 64 44

[mail.belgium@globalwe.com](mailto:mail.belgium@globalwe.com)

<https://www.globalwe.com/contact/#belgium>

hundreds of worldwide installations and over 40 years of application experience; offices in Belgium, Hong Kong, Netherlands, Philippines, Thailand, the USA and Singapore; member of the Global Water Engineering Group of Companies, is a solution provider to the global marketplace for industrial wastewater treatment, water reuse and production of green energy. To that end, GWE offers state-of-the-art technologies to assist industries and private owners in their efforts to grow while reducing the costs of doing business  
no financial information

#### Electrabel (subsidiary of ENGIE)

+32 78 353 333

Operating nuclear, fossil-fueled, and hydroelectric power plants; also supplies electricity and/or natural gas to more than 2.8 million customers; produces most of Belgium's electricity, also provides energy, heat, and steam to domestic industrial customers, trades power and gas, and manages electricity and natural gas infrastructures  
\$12.91 billion (2020)

Luminus  
+32 78 150 210  
Julien Doyard, Chief Financial Officer  
<https://secure.luminus.be/nl/contacteer-ons/prive/contactformulier>  
Electric Power and Natural Gas Generation, Transmission and Distribution Industries; 923 employees; 17,227 companies in the corporate family; the number 1 in onshore wind energy (operates 235 wind turbines) and hydropower (7 plants); also has thermal power plants; pursuing further development of renewable energy production to build a CO2-neutral energy future; is investing in research into innovative solutions to enable the switch to other types of fuels (biogas, green hydrogen)  
\$2.56 billion (2020)

Fluvius System Operator  
+32 783 535 34  
Investor Relations  
Koen Schelkens  
+32 9 263 4504  
Electric Power Generation, Transmission and Distribution Industry; 4,416 employees; 54 companies in the corporate family; building, managing and maintaining the distribution grids for electricity and natural gas in all 300 Flemish municipalities; managing the public lighting in all 300 Flemish municipalities; building, managing and maintaining the sewerage system in 85 Flemish municipalities; managing the cable distribution network in 103 Flemish municipalities; building district heating grids; the duties of a social supplier of energy; the promotion of the rational use of energy and water? solar panel supplier; eMobility options; invested €859.4 million (2019)  
\$1.91 billion (2020)

Lampiris (also in France supra)  
+32 78 790 790

<https://www.lampiris.be/fr/contact/form>

Electric Power Generation, Transmission and Distribution Industry; 192 employees; 5,376 companies in the corporate family; 100% green electricity - buys energy from more than 1,500 local producers - and natural gas; sustainable energy; solar panels installation with batteries; has an eMobility section but nothing of substance articulated

\$1.57 billion (2020)

Ores Assets

[infosecretariatores@ores.be](mailto:infosecretariatores@ores.be)

Investor Relations

[financements@ores.be](mailto:financements@ores.be)

Electric Power Generation, Transmission and Distribution Industry; 18 companies in the corporate family; brings together 200 municipalities for the purpose of ensuring access to electricity, natural gas and municipal public lighting

\$1.44 billion (2020); €378.4 million investments Ores (2018)

...V...

ORES (Operateur de Reseaux d'Energies)

+32 78 157 801

Electric Power Generation, Transmission and Distribution Industry; 2,436 employees; 18 companies in the corporate family

\$664.79 million (2020)

Societe Wallonne des Eaux (Walloon Water Company)

+32 87 342 811 d&b

+32 87 87 87 87

<https://www.swde.be/fr/contact/nous-contacter-par-e-mail>

Water, Sewage and Other Systems Industry; 1,340 employees; 33 companies in the corporate family; produces drinking water; protecting water catchments; produces and treats water whose origin is mainly underground

\$651.72 million (2020)

Essent Belgium

+32 781 579 79 d&b

+32 2 302 20 00

<https://www.essent.be/nl/prive/contactformulier>

Electric Power and Natural Gas Generation, Transmission and Distribution Industries; 138 employees; 1,121 companies in the corporate family; electricity and gas supplier; also solar panels and eMobility solutions  
\$587.03 million (2020)

#### ENGIE

+32 25 107 092

<https://corporate.engie.be/nl/contact-form?subject=37>

ENGIE Energy Management has 124 employees; there are 7,679 companies in the ENGIE Energy Management corporate family

\$493.48 million (2020)

#### EDF Luminus

+32 78 150 210

the number 1 in onshore wind energy and hydropower; investing massively in renewable energy - solutions to enable the switch to other types of fuels (biogas, green hydrogen) in the future and to enable connection to CO<sub>2</sub> capture installations; 923 employees; there are 17229 companies in the corporate family.

\$2.56 billion (2020)

#### Elia Group

+32 25 467 011

Yannick Dekoninck, Investor Relations Officer

[investor.relations@elia.be](mailto:investor.relations@elia.be)

+32 2 546 70 76

+32 478 90 13 16 (c)

Stéphanie Luyten, Investor Relations

[investor.relations@elia.be](mailto:investor.relations@elia.be)

+32 2 546 74 29

+32 (0) 467 05 44 95 (c)

delivers high-voltage electricity from power generators to the distribution system operators and large industrial consumers. Elia owns all of Belgium's 150 to 380 kilovolt (kV) grid infrastructure and 94% of its 30 to 70 kV grid infrastructure. Its primary roles consist of operating the transmission system, as well as maintaining and developing the high-voltage grid

\$2.73 billion (2020)

...V...

Elia Transmission Belgium

+32 25 467 011

Yannick Dekoninck, Investor Relations Officer

investor.relations@elia.be

+32 2 546 70 76

+32 78 90 13 16 (c)

Stéphanie Luyten, Investor Relations

investor.relations@elia.be

+32 2 546 74 29

+32 467 05 44 95 (c)

Utility System Construction Industry; 381 employees; 41 companies in the corporate family; will lead the way in the energy transition by developing diversified, sustainable and reliable on- and offshore electricity systems that open up new possibilities; In Germany, we are already integrating over 60 percent renewable energy safely into the grid

\$1.13 billion (2020)

...V...

EA (Elia Asset)

+32 25 467 011

Electric Power Generation, Transmission and Distribution Industry; 878 employees; 41 companies in the corporate family

\$686.72 million (2020)

...V...

ESO & The Elia Group

The Belgian transmission system operator delivers high-voltage electricity from power generators to the distribution system operators and large industrial consumers. Elia owns all of Belgium's 150 to 380 kilovolt (kV) grid infrastructure and 94% of its 30 to 70 kV grid infrastructure. Its primary roles consist of operating the transmission system, as well as maintaining and developing the high-voltage grid, which includes overhead lines, underground cables, and transformers. Elia also owns the German transmission grid operator 50Hertz Transmission. Publi-T (a cooperative representing Belgian municipalities) owns 33% of Elia.

\$2.73 billion (2020); but on list webpage \$879 million

Eneco Belgium (also in The Netherlands)

+32 15 434 562 d&b

+32 15 40 41 40 & 10 23 26 40

infoewb@eneco.com

<https://wind.eneco.be/contact>

Electric Power Generation, Transmission and Distribution Industry; 227 employees; 191 companies in the corporate family; generating power from solar and wind; currently constructing 7 wind turbines in 3 locations; has a total of 98 operational wind turbines across the country plus offshore projects; a top player in the field of renewable energy. The company has been around since 2001 and joined the Dutch Eneco Group in 2008; In 2021, the company will operate 22 wind farms in Wallonia and Flanders

\$1.11 billion (2020)

VMW (Vlaamse Maatschappij voor Watervoorziening)

+32 22 389 411

<https://www.dewatergroep.be/nl-be/contact/contactformulier>

Hans Goossens, Director General

Utility System Construction Industry; 1,576 employees; 36 companies in the corporate family; builds systems for drinking, industrial and wastewater; 34,000 kilometers of pipes to 177 municipalities spread over West and East Flanders, Flemish Brabant and Limburg. We serve more than 3.3 million customers and hundreds of companies

\$825.08 million (2020)

Sibelga

+32 22 744 066 d&b

+32 02 549 4100

Transmission and Distribution Industry; 46 employees; 5 companies in the corporate family

\$379.95 million (2020)

Fluxys

+32 22 827 211

fully independent gas infrastructure group with 1,300 employees active in gas transmission & storage and liquefied natural gas terminalling. We operate in Europe and are developing activities in South America and Southeast Asia. Where the market is ready, as a gas infrastructure company we are also ready for the transition to a hybrid energy future in which carbon-neutral molecules and renewable electricity complement one another in the energy system; committed

to continuing to build a greener energy future for the generations to come; has a minority stake in Interconnector UK; primary shareholder of Fluxys is Publigaz (with a 90% share). GDF SUEZ sold its 38% stake to Publigaz in 2010  
\$670.85 million (2020)

... V...

Publigaz  
info@publigas.be  
Public holding company for gas transport

...V...

Fluxys  
+32 22 827 211  
transports natural gas throughout Western Europe; maintains and operates a natural gas transport network in Belgium made up of about 3,730 kilometers of pipeline, associated infrastructure, a terminal for liquefied natural gas, and an underground storage unit. Its network includes 17 points of connection to natural gas sources and to neighboring networks. It has a minority stake in Interconnector UK, the operator of the subsea pipeline linking Zeebrugge and Bacton. The primary shareholder of Fluxys is Publigaz (with a 90% share)  
\$670.85 million (2020)

...V...

Fluvius Antwerpen  
Electric Power Generation, Transmission and Distribution Industry; 204 employees  
\$512.27 million (2020)

For companies generating than \$500 million:  
<https://www.dnb.com/business-directory/company-information.utilities.be.html?page=1>

Groupe Forrest International SA  
+32 10 23 96 80 Belgium  
design, build and install tailor-made infrastructures to deliver energy - production, transmission and distribution  
Morocco office +243 995 340 000 d&b  
\$80 million (2020)

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## Switzerland

Climeworks AG

+41 44 533 29 99 (Zurich)

Dr. Christoph Gebald & Dr. Jan Wurzbacher, Directors, Founders and Members of the Board

contact@climeworks.com

Alpiq AG Switzerland

+41 622 867 111

Lukas Oetiker, Investor Relations

+41 62 286 75 37

investors@alpiq.com

a leading Swiss energy services provider and electricity producer in Europe

\$4.41 billion (2020); 84 companies in the corporate family

...V...

EolJorat Nord SA (subsidiary)

+41 213 158 310

Electric Power Generation, Transmission and Distribution Industry; 84 companies in the corporate family; in the coming years, twelve wind turbines will be erected to produce renewable electricity for the needs of the region; this ambitious energy project is led by two experienced players in the field of electricity production: the Alpiq Group and SI-REN SA; same website so subsidiary

\$4.19 billion (2020)

...V...

Cotlan Wasserkraft AG (subsidiary)

+41 556 432 121

Electric Power Generation, Transmission and Distribution Industry; 655 employees; 84 companies in the corporate family

\$4.19 billion (2020)

...V...

Aare Versorgungs AG (subsidiary)

+41 622 055 656

Electric Power Generation, Transmission and Distribution Industry; 149 companies in the corporate family  
\$735.31 million (2020)

Axpo Solutions AG  
+41 562 996 161 d&b  
+41 56 200 3111  
info@axpo.com

Switzerland's largest producer of renewable energy and an international leader in energy trading and the marketing of solar and wind power; customers in over 30 countries in Europe, the USA and Asia; 5000 employees; 1232 companies in the corporate family  
\$5.28 billion (2020)

Its shareholders:

AEW Energie AG  
Andrea Tranel, CFO  
+41 628 342 111  
<https://www.aew.ch/kontakt>  
info@aeew.ch

products for energy supply companies - smart solutions in the field of e-mobility, e-charging stations; 325 employees; 7,037 companies in the corporate family  
\$520.36 million (2019)

SAK Holding AG  
owns hydroelectric power plants, photovoltaic plants and wood-fired power plants and is further involved in various plants producing electricity from renewable energy

Oléoduc du Rhône S.A.  
+41 277 221 471  
Martina Opizzi, Head of Investor Relations  
opizzi\_investor@eni.com  
Andrea Quaggia, Continental Europe and Rest of the World Investor Relations  
quaggia\_investor@eni.com  
Stefania Sperotto, North America Investor Relations  
sperotto\_investor@eni.com  
Shaun Liu, UK & Ireland Investor Relations

+44 20 7344 6058

liu\_investor@eni.com

Rosanna Bolzoni, ESG Investor Relations

bolzoni\_investor@eni.com

Pipeline Transportation of Crude Oil Industry; 7 employees; 1,284 companies in the corporate family; "Our mission is based on the United Nations' 17 Sustainable Development Goals (SDGs) - the benchmark for all our activities"; is integrating sustainability into its business model

\$49.22 billion (2020)

EKT Holding AG

+41 714 406 111

<https://www.ekt.ch/kontakt>

The Thurgauer Kantonalbank TKB and we, EKT, support electromobility in the canton of Thurgau. That is why we have implemented four loading points at two TKB branches; 104 total employees; 7,037 companies in the corporate family

\$157.00 million (2020)

End of shareholders

Kraftwerk Fätschbach AG

Electric Power Generation, Transmission and Distribution Industry; 1,231 companies in the corporate family; website is Axpo's so a subsidiary

\$5.28 billion (2020)

...V...

Kraftwerk Schächen AG

+41 418 750 875

Electric Power Generation, Transmission and Distribution Industry; 1,231 companies in the corporate family

\$766.56 million (2020)

...V...

Kraftwerk Löntsch AG

Electric Power Generation, Transmission and Distribution Industry; 1,232 companies in the corporate family; website is Axpo's so a subsidiary

\$5.28 billion (2020)

...V...

Axpo Suisse AG

+41 562 003 777

Electric Power Generation, Transmission and Distribution Industry; 1,231 companies in the corporate family; website is Axpo's so a subsidiary

\$5.28 billion (2020)

...V...

Albula-Landwasser Kraftwerke AG

+41 814 107 100

Electric Power Generation, Transmission and Distribution Industry; 1,231 companies in the corporate family

\$5.28 billion (2020)

...V...

Wasserkraftwerk Tambobach AG

Electric Power Generation, Transmission and Distribution Industry; 655 employees; 84 companies in the corporate family

\$4.19 billion (2020)

Etzelwerk AG (SBB a partner)

+41 554 122 261

Electric Power Generation, Transmission and Distribution Industry; 7,038 companies in the corporate family; hydropower plants

\$9.94 billion (2020)

...V...

SBB

+41 51 220 11 11

Franz Steiger, Chief Financial Officer

railway backbone of Switzerland; its infrastructure employees help ensure that 1.25 million travelers and 250,000 tons of goods reach their destination - 90% comes from hydropower

BKW AG

+41 584 775 111

Investor Relations

Thomas Herren

+41 58 477 53 56

investor.relations@bkw.ch

an international energy and infrastructure company based in Bern; plans, builds and operates energy production and supply infrastructures for companies, private individuals and the public sector; it employs around 10,000 people;  
\$3.21 billion (2020)

...V...

Simmentaler Kraftwerke AG

+41 336 811 566

Electric Power Generation, Transmission and Distribution Industry; 7,038 companies in the corporate family  
\$3.43 billion (2020)

...V...

BKW Wallis AG

+41 584 776 100

Electric Power Generation, Transmission and Distribution Industry; 7,038 companies in the corporate family;  
\$3.43 billion (2020)

...V...

Kraftwerk Spiggebach AG

Electric Power Generation, Transmission and Distribution Industry; 7,038 companies in the corporate family  
\$2.89 billion (2020)

DXT Commodities SA

+41 919 224 693 (HQ)

+44 203 865 2091 (London)

203 529-7434 (Connecticut)

info@dxtcommodities.com

Maurizio Cencioni, CFO

Electric Power Generation, Transmission and Distribution Industry; 100 employees; 7 companies in the corporate family; trades in Europe, the USA, Ukraine, Brazil and Asia; continuously committed to develop new opportunities, seeking to launch cutting-edge solutions in the renewable energy market;  
\$9.75 billion (2020)

Kraftwerke Oberhasli AG KWO

+41 339 822 011

info@kwo.ch

Christian Bigler, CFO

one of the leading hydropower companies in Switzerland.; the KWO has efficiently produced electricity from renewable energy sources for hundreds of thousands of people in Switzerland and abroad; operates 13 hydropower plants and eight storage lakes

\$144.19 million (2020)

Swissgrid AG

+41 58 580 21 11

Andreas Lützel Schwab

Corporate Finance & Investor Relations

+41 58 580 33 92

media@swissgrid.ch

the company operates the national electricity grid; 591 employees; 26 companies in the corporate family

\$793.72 million (2020)

Albula Netz AG

+41 814 107 100

info@albula.ch

<https://www.albulanetzag.ch/geschftskunden1>

Electric Power Generation, Transmission and Distribution Industry; 1,231 companies in the corporate family; responsible for the operation and maintenance of the regional power supply network

\$5.28 billion (2020)

Kompogas Utzenstorf AG

+41 326 664 080 d&b

+41 326 650 044

info@kompogas-utzenstorf.ch

Natural Gas Distribution Industry; 1,232 companies in the corporate family; making the most of organic waste and use it to generate renewable energy; use the biogas to generate electricity and heat or feed it into gas networks; the digestate can be used as fertilizer and is returned to agriculture. We are part of Axpo Kompogas AG, which with its 15 systems across Switzerland creates synergies at all levels;

been active in the sustainable recycling of biowaste for more than 13 years and have experience and knowledge in all areas from waste separation to green waste collection, processing, energy production and digestate  
\$5.28 billion (2020)

Grande Dixence SA

+41 273 284 311

Electric Power Generation, Transmission and Distribution Industry; 676 employees; 11 companies in the corporate family

\$4.41 billion (2020)

Wasserkraftwerk Peist AG

+41 81 511 11 60 and/or +41 815 111 170

info@entegra.ch

Ivo Scherrer, Managing director Entegra

Electric Power Generation, Transmission and Distribution Industry; 676 employees; 84 companies in the corporate family; small hydropower plants; in Switzerland there is a lot of potential in hydropower for clean and sustainable electricity production; develop and work on hydropower projects starting with the first idea, through planning and implementation, through to operation

\$4.41 billion (2020)

Alpiq Hydro Aare AG, Alpiq Holdings Ltd.

+41 627 876 911 d&b

+41 21 341 21 11

Luca Baroni, CFO

Lukas Oetiker, Investor Relations

+41 62 286 75 37

investors@alpiq.com

Electric Power Generation, Transmission and Distribution Industry; more than 1,200 employees; 84 companies in the corporate family; a leading Swiss energy services provider and electricity producer in Europe; sustainable electricity from hydropower; also comprises shares in two Swiss nuclear power plants as well as flexible thermal power plants, wind farms and photovoltaic systems in Europe; an international energy trader active on all major European markets

\$4.41 billion (2020)

...V...

Energie Electrique du Simplon SA (subsidiary of Alpiq Hydro)

+41 213 412 111

Electric Power Generation, Transmission and Distribution Industry; 676 employees;  
11 companies in the corporate family

\$4.41 billion (2020)

...V...

Kraftwerke Gougra AG

Electric Power Generation, Transmission and Distribution Industry; 676 employees;  
84 companies in the corporate family

\$4.41 billion (2020)

Bel Coster SA

info@belcoster.ch

Electric Power Generation, Transmission and Distribution Industry; 676 employees;  
84 companies in the corporate family; plans to install 9 wind turbines

\$4.19 billion (2020)

...^... sure looks like this ...v... is affiliated with

Tous-Vents SA

+41 273 224 684

info@tousvents.ch

Electric Power Generation, Transmission and Distribution Industry; 11 companies in  
the corporate family; provides for the installation of 7 wind turbines

\$4.19 billion (2020)

Hydro-Solar Water Engineering AG

+41 619 630 033

info@hsweag.ch

<http://www.hydro-solar.ch/Kontaktformular.htm>

Markus Hintermann

Water, Sewage and Other Systems Industry; 676 employees; 84 companies in the  
corporate family; one of the most active planning offices in matters of small  
hydropower in Switzerland; 49 hydropower plants have been built; 17 rubber dams  
and 25 fish ladders have already been built; been planning and implementing  
complex systems in the water sector for over 25 years

Areas of activity:

Overall planning of hydropower plants

Construction assembly lines

Water and energy management consultations, expertise

Overall planning of drinking water systems

Delivery and assembly of inflatable weir systems

Development of fish migration concepts

Overall planning of fish ascent / descent systems, fish lifts and fish protection

Delivery and assembly of bristle fish passes

Drinking water supplies

Execution of hydropower plants as TU / GU

\$4.19 billion (2020)

Birs Wasserkraft AG (link to BOHA AG)

+41 61 761 16 16

info@boha.ch

Water, Sewage and Other Systems Industry; 655 employees; 84 companies in the corporate family; BIRSW operates 4 hydropower plants

\$4.19 billion (2020)

SALANFE S.A.

+41 277 632 511

Electric Power Generation, Transmission and Distribution Industry; 655 employees; 11 companies in the corporate family

\$4.19 billion (2020)

GF Piping Systems (Georg Fischer Rohrleitungssysteme (Schweiz) AG)

+41 526 313 026

<https://www.gfps.com/en-ca/services/footer/contact.html>

Utility System Construction Industry; 14,118 employees; 203 companies in the corporate family; a leading supplier of piping systems for the safe and reliable transport of liquids and gases; a presence in much of Europe

\$3.53 billion (2020)

BKW Energie AG

+41 584 775 111

<https://www.bkw.ch/de/kontakt>

Thomas Herren, Investor Relations

+41 58 477 5356

investor.relations@bkw.ch

an international energy and infrastructure company and offer integrated total solutions in the fields of energy, buildings and infrastructure; BKW produces, transmits, and distributes energy to more than 1 million residential and business end users in Switzerland and neighboring countries (Italy, Bulgaria, Germany, France). The company also trades in energy. BKW operates and has stakes in hydroelectric (the majority of Swiss power) and nuclear power plants along with an increasing stable of wind farms, solar installations, and biomass generation plants. BKW's total generating capacity is 800 MW. The government of the canton of Bern owns more than half of the company. Electricity sales in Switzerland make up nearly half of sales with energy trading covering most of the rest  
\$3.43 billion

BKW AEK Contracting AG

+41 326 248 888 d&b

+41 58 477 56 56

info@bac.ch

Electric Power Generation, Transmission and Distribution Industry; 7,038 companies in the corporate family; the new legal entity under whose roof the contracting competencies of BKW and AEK, which previously operated separately, are now combined; has been successfully operating on the market for over 20 years in the planning, financing, installation and operation of individual systems, combined heating systems or district heating projects; contracting is one of their core businesses. With the affiliation to the BKW Group, the contracting business of AEK was additionally strengthened with that of BKW  
\$3.43 billion (2020)

...V...

BEBAG Bioenergie Bätterkinden AG

+41 326 654 428

Natural Gas Distribution Industry; 7,038 companies in the corporate family;  
\$2.89 billion (2020)

AEK Energie AG

+41 326 248 888

info@aekonyx.ch

Electric Power Generation, Transmission and Distribution Industry; 245 employees;  
7,038 companies in the corporate family; 40 municipalities supplied with  
electricity; 100% renewable energy supplied to its customers  
\$3.43 billion (2020)

...V...

AEK onyx AG  
+41 326 248 888  
Electric Power Generation, Transmission and Distribution Industry; 245 employees;  
\$2.89 billion (2020)

...V...

Elektrizitätswerke Wynau AG, Langenthal  
Electric Power Generation, Transmission and Distribution Industry; 7,038  
companies in the corporate family;  
\$2.89 billion (2020)

Société des Forces Électriques de La Goule SA  
+41 329 424 111  
info@lagoule.ch  
Electric Power Generation, Transmission and Distribution Industry; 7,038  
companies in the corporate family  
\$3.43 billion (2020)

Arpe AG, Arnold Group  
+41 614 662 000  
info@arpe.ch  
<https://www.arpe.ch/angebot#containerGrid5163>  
Utility System Construction Industry; 7,038 companies in the corporate family; the  
largest network construction company in the energy sector, we operate low and  
medium voltage as well as high and maximum voltage safely and conscientiously;  
repair individual damage in non-accessible sewer systems; specialized in overhead  
line, power cable and plant construction  
\$3.43 billion (2020)

Wind Energy Trading WET AG

+41 215 102 140 d&b

+41 21 791 05 33

<https://www.wet-ag.ch/index.php/contact-us>

Electric Power Generation, Transmission and Distribution Industry; wind energy trading; In 2019, the installed capacity of our portfolio will continue to be 5 gigawatts. This now consists of almost 30% solar systems;  
\$2.89 billion (2020)

Repower AG

+41 818 397 111

Lorenzo Trezzini, CFO

+41 81 839 7111

[lorenzo.trezzini@repower.com](mailto:lorenzo.trezzini@repower.com)

Electric Power Generation, Transmission and Distribution Industry; 580 employees; 57 companies in the corporate family; focuses on providing energy-related services, predominantly to energy utilities, industrial and commercial customers, infrastructure operators and public institutions  
\$1.89 billion (2020)

...V...

Repartner Produktions AG

+41 818 442 242 d&b

+41 58 458 6090

[repower@esolva.ch](mailto:repower@esolva.ch)

Electric Power Generation, Transmission and Distribution Industry; 580 total employees; 57 companies in the corporate family; eMobility with green electricity - tailor-made charging solutions - from the charging station to the network of charging stations; the currently foreseeable investment opportunities contribute to a renewable production mix consisting of water and wind power; The shareholders of Repartner Produktions AG are Repower AG 51%  
\$1.89 billion (2020)

ITS Kanal Services AG

+41 800 678 800

[info@itskanal.ch](mailto:info@itskanal.ch)

Urs Aschwanden, CEO

Water, Sewage and Other Systems Industry; 12,500 employees; 2,127 companies in the corporate family; the leading full-service provider in Switzerland for the maintenance and value retention of sewer systems and coverings; offers comprehensive services in the areas of sewer cleaning, sewer inspection, trenchless rehabilitation, wastewater recycling as well as demarcation, improved grip and surface cleaning  
\$1.70 billion (2020)

Bouygues E&S EnerTrans AG (an Alpiq subsidiary)

+41 628 588 200

Electric Power Generation, Transmission and Distribution Industry; 4,704 employees; 3,607 companies in the corporate family;  
\$1.14 billion (2020)

Energiedienst Holding AG

+41 628 692 222 d&b

+41 7623 92-1407

elektromobilitaet@energiedienst.de

Klaus Müller, Head of Finances

investoren@energiedienst.ch

+41 62 869-2221

Electric Power Generation, Transmission and Distribution Industry; 265 employees; 524 companies in the corporate family; green electricity and gas, solar, eMobility - charging options home (including solar) and on the road  
\$1.15 billion (2020)

EnAlpin AG

+41 279 457 500

info@enalpin.com

Electric Power Generation, Transmission and Distribution Industry; 100 employees; 524 companies in the corporate family; has its own power plants and investments; eMobility charging stations from hydropower and solar; also involved in the "new" renewable energy photovoltaics (PV). The entire PV system park (own, partner EVU and third party participations) currently comprises 28 systems; offers customers a full supply of heat through the use of renewable energies  
\$1.07 billion (2020)

LaZur Energie SA

+41 58 319 41 11

info@ewz.ch

Water, Sewage and Other Systems Industry.; 40 employees; 7,038 companies in the corporate family; solar power and eMobility - charging options for home and on the road with 100% green electricity; soon there will be 30 charging stations available in the city of Zurich alone

\$996.00 million (2020)

...V...

EWZ (Elektrizitätswerk der Stadt Zürich, a EWZ subsidiary)

+41 583 194 111

Electric Power Generation, Transmission and Distribution Industry; 1,212 employees; 7,038 companies in the corporate family

\$996.00 million (2020)

Azienda Elettrica Ticinese

+41 91 822 27 11

<https://www.lucendro.ch/DE/Kontakt-6b3c0800>

Flavio Kurzo, Vice Director and Responsible for Finance

Electric Power Generation, Transmission and Distribution Industry; 286 employees; 7,038 companies in the corporate family; experience in the operation of photovoltaic systems and has know-how in the production and transport of thermal energy (focus on energy generation using wood biomass) as well as in the field of natural gas distribution; also hydropower and wind turbines

\$949.11 million (2020)

EKZ Elektrizitätswerke des Kantons Zürich

+41 583 595 111

<https://www.ekz.ch/de/kundenservice/self-service/kontakt/kontaktformular-kundendienst.html>

Electric Power Generation, Transmission and Distribution Industry; 1,307 total employees; 7,038 companies in the corporate family; offers natural power and solar for the home; plus eMobility - charging solutions including with solar power

\$911.85 million (2020)

...V...

EKZ Einsiedeln AG, Dietikon (Elektrizitätswerke subsidiary)

+41 583 595 522

Electric Power Generation, Transmission and Distribution Industry; 1,307 employees; 7,038 companies in the corporate family

\$911.85 million (2020)

Centralschweizerische Kraftwerke AG

+41 412 495 111

Michael Sieber, CFO

Electric Power Generation, Transmission and Distribution Industry; 1,801 employees; 1,231 companies in the corporate family; has taken on the role of a forward-looking energy company through our products and services; solar panels, eMobility charging stations, power from water

\$874.81 million (2020)

Kraftwerk Gurtellen AG (EWA-energieUri has a 70% stake in the company)

+41 418 750 875

<https://kw-gurtellen.ch/kontakt>

Electric Power Generation, Transmission and Distribution Industry; 1,231 companies in the corporate family; operates a power plant; supplies 8,200 households

\$900.61 million (2020)

Steiner Energie AG

+41 414 999 090

Electric Power Generation, Transmission and Distribution Industry; 30 employees; 1,231 companies in the Steiner Energie AG corporate family; operates hydropower plants and is involved in photovoltaic

\$900.61 million (2020)

BiEAG Biomasse Energie AG

+41 417 805 300

[info@bieag.ch](mailto:info@bieag.ch)

Electric Power Generation, Transmission and Distribution Industry; 1,231 companies in the corporate family; electricity generation from biomass, including wood chips

\$900.61 million (2020)

EFT AG (Energy Financing Team (Switzerland) AG)

+41 712 261 030

enquiries@eft-group.net

Electric Power Generation, Transmission and Distribution Industry; 12 companies in the corporate family; EFT Group is the premier electricity trading and investment group in south-east Europe. In the last decade, the Group has accounted for the majority of cross-border trading and deliveries in the countries lying between Austria and Turkey and as far north as Poland; builds hydropower plants across Europe

\$879.36 million (2020)

Swissgrid AG

+41 585 802 111

Andreas Lützeltschwab, Corporate Finance & Investor Relations

+41 58 580 33 92

media@swissgrid.ch

Electric Power Generation, Transmission and Distribution Industry; 591 employees; 26 companies in the corporate family; responsible for the planning, replacement and dismantling of the entire transmission grid infrastructure; maintaining the electricity grid; also provides ancillary services to ensure the secure supply of electricity

\$793.72 million (2020)

Koch Wärme AG

+41 444 981 612

info@kochwaerme.ch

Direct Selling Establishments Industry; 245 employees; 13 companies in the corporate family; supplies private households, property management companies, public buildings such as hospitals, schools etc. as well as industry with heating oil

\$747.00 million (2020)

Bürke AG

+41 444 981 616

info@buerke.ch

Herbert Schuler, Sales Manager Zurich & Landquart

+41 44 498 16 04

h.schuler@buerke.ch

Direct Selling Establishments Industry; 245 employees; 13 companies in the corporate family; supplies private households, companies, property management companies, public buildings such as hospitals and schools with AVIA mineral oil products: heating oil, eco-heating oil, diesel oils and petrol  
\$747.00 million (2020)

Groupe E SA  
+41 263 525 252  
[https://groupe-e.ch/fr/contact#paragraph\\_13740](https://groupe-e.ch/fr/contact#paragraph_13740)  
Willy Zeller, Finance

Electric Power Generation, Transmission and Distribution Industry; 2,300 employees; 7,038 companies in the corporate family; active in the energy transition by bringing the different types of energy and energy services to the heart of the lives of our customers; hydroelectric, solar and thermal power plants; complete range of products and services in fields as varied as renewable energies, district heating, natural gas distribution, electrical installations, energy efficiency and eMobility  
\$741.40 million (2020)

...V...

Groupe E Connect SA (subsidiary)  
+41 264 292 929  
Building Equipment Contractors Industry; 1,489 employees; 7,038 companies in the corporate family  
\$741.40 million (2020)

...V...

Sainte-Anne Energie SA (subsidiary)  
Electric Power Generation, Transmission and Distribution Industry; 1,468 employees; 7,038 companies in the corporate family  
\$741.40 million (2020)

Forces Motrices de Conches SA  
+41 279 705 800  
[info@gkw-ag.ch](mailto:info@gkw-ag.ch)

Electric Power Generation, Transmission and Distribution Industry; 50 employees;  
7,038 companies in the corporate family; operate hydroelectric power plants;  
covers the energy needs of 64,500 people  
\$741.40 million (2020)

4D-O Sàrl  
+41 272 035 530  
info@4d-o.ch

Water, Sewage and Other Systems Industry; 7,038 companies in the corporate  
family; specialized in the appraisal and compliance of hydraulic networks and  
water treatment  
\$741.40 million (2020)

Primeo Energie AG (Primeo Netz AG & Primeo Wärme AG subsidiaries)  
+41 614 154 141  
info@primeo-energie.ch

Stephan Naef, CFO

Electric Power Generation, Transmission and Distribution Industry; 50 employees;  
149 companies in the corporate family; CO<sub>2</sub>-free and renewable electricity  
production; holds significant shares in Alpiq; provides the transport, distribution of  
electricity and the provision of network-related services such as the operation of  
networks for third parties, high-voltage contracting and public lighting; has  
solution for obtaining heat for space heating and domestic hot water. It builds  
innovative, future-oriented systems with the latest technologies and intelligent  
components. 80 percent of the energy required is to be produced with renewable  
energies such as wood, waste wood, pellets, environmental heat from heat pumps  
and photovoltaic systems. We are pioneers in the use of wastewater heat from  
sewage treatment plants; has a branch in Paris  
\$735.31 million (2020)

...V...

Wärmeverbund Oberwil-Therwil AG, Primeo Greenpower AG and Primeo  
Industriecontracting AG (subsidiaries)  
AEB Alternativ-Energie Birsfelden AG  
+41 613 177 711

<https://www.birsfelden.ch/de/kontakt/>

Water, Sewage and Other Systems Industry; 149 companies in the corporate  
family; engages waste avoidance, reuse, recycling, recovery (utilize it thermally)

and elimination; plus urban and area development and construction & renovation; operated by the Birsfelden municipal administration  
\$735.31 million (2020)

Energie Renouvelable de l'Avançon SA

+41 244 630 000 d&b

41 848 802 900

info@romande-energie.ch

Electric Power Generation, Transmission and Distribution Industry; 42 companies in the corporate family; solar power; Romande Energie SA, Romande Energie Holding SA, Bas-Valais Energie SA and Romande Energie Commerce SA subsidiaries

\$597.94 million (2020)

Energie 360 Grad AG

+41 433 172 222

info@energie360.ch

Béatrice Fink, CFO

Natural Gas Distribution Industry; 249 employees; 7,038 companies in the corporate family; eMobility options for home and on the road; generates natural gas and biogas; plus a supplier of wood pellets; shareholders include municipalities

\$564.40 million (2020)

Gasverbund Mittelland AG

+41 617 063 300

info@gvm-ag.ch

Pipeline Transportation of Crude Oil Industry; 56 employees; 4 companies in the corporate family; the company is increasing the proportion of biogas; collect waste instead of throwing it away - valuable biogas can be obtained from our biogenic waste, which we use to drive cars; natural gas and biogas can be filled up at around 4,200 filling stations in Europe

\$463.00 million (2020)

Energie Wasser Bern

+41 313 213 111

Electric Power Generation, Transmission and Distribution Industry; 798 employees; 7038 companies in the corporate family; owned by the city of Bern; operates power plants

\$446.41 million (2020)

Gebrüder Meier AG Rohrleitungsbau

+41 564 600 220

Thomas Schneider, Managing Director

+41 564 600 220

Utility System Construction Industry; 30 employees; 33 companies in the corporate family; a full-range supplier in pipeline construction - from cast and plastic pipe assemblies to reservoir constructions

\$416.13 million (2020)

SIG (Services industriels de Genève)

+41 844 800 808

Celine Gauderlot, Finance Director

Electric Power Generation, Transmission and Distribution Industry; 1,680 employees; 7,038 companies in the corporate family; offers products and services for water, gas, electricity, thermal energy, waste, optical fiber; 100% of the electricity produced is 100% green; gives customers access to one of the largest public charging networks in Switzerland

\$405.97 million (2020)

Kraftwerk Göschenen AG

+41 418 868 811

Marc Rothenfluh, Managing Director

+41 41 249 59 56

marc.rothenfluh@ckw.ch

Electric Power Generation, Transmission and Distribution Industry; 1,663 employees; 2 companies in the corporate family; operates a hydropower plant

\$401.86 million (2020)

For companies generating less than \$400 million:

<https://www.dnb.com/business-directory/company-information.utilities.ch.html?page=3>

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## Czech Republic

S.W.H. GROUP SE (partnered with Hanwha Q CELLS GmbH)

+420 728 327 766

info@swhgroup.eu

solar, wind, hydro and plasma gasification; a presence in Poland, Bosna Hercegovina and Croatia  
no financial information

ČEZ a.s.

+420 211 041 111

Investor Relations

Barbara Seidlová

+ 420 211 042 529

barbara.seidlova@cez.cz

Zdeněk Zábojník

+ 420 211 042 524

zdenek.zabojnik@cez.cz

produces, distributes, and sells electricity and heat to 3.5 million customers  
\$9.41 billion (2020)

...V...

ČEZ Prodej, a.s. (subsidiary)

+420 840 840 840

Electric Power Generation, Transmission and Distribution Industry; 1,051 employees; 3,997 companies in the corporate family; supplies gas, electricity - 100% from renewable sources; plus battery box and heating  
\$2.43 billion (2020)

...V...

ČEZ Distribuce, a.s. (subsidiary)

+420 800 850 860

info@cezdistribuce.cz

Electric Power Generation, Transmission and Distribution Industry; 4,500 employees; 3,997 companies in the corporate family; this year, ČEZ Distribuce is investing CZK 13.5 billion in the construction, reconstruction and digitization of networks. Compared to 2020, there was an increase of 1 billion crowns  
\$2.10 billion (2020)

...V...

ČEZ ESCO, a.s.

+420 371 101 101 customer line

<https://www.cezesco.cz/cs/spojte-se-s-nami>

Electric Power Generation, Transmission and Distribution Industry; 308 employees; 3,997 companies in the corporate family; market leader in building photovoltaic power plants; the optimal partner for the design, implementation, operation and reconstruction of solutions that help meet the objectives of European climate policy; eMobility charging options  
\$881.97 million (2020)

EPH

Investor Relations

+420 232 005 200

[investorsrelations@epholding.cz](mailto:investorsrelations@epholding.cz)

Vertically integrated energy utility; includes more than 70 companies in the Czech Republic, the Slovak Republic, Germany, Italy, Ireland, the UK, France and Switzerland; operator of the biggest pipeline in Europe and critical gas infrastructure for Western, Central and Southern Europe; key strategic gas infrastructure operator & relevant power distributor in Slovakia and the Czech Republic; leading supplier of heat in the country, serving hundreds of thousands of households and commercial customers; and a major operator of natural gas storage capacity in the region of Slovakia, Czech Republic and Austria; producer of energy from a balanced mix of renewable energy sources  
€8.6 billion (2020)

Forces Motrices de Mauvoisin SA

+41 273 240 800

[info@fmmsa.ch](mailto:info@fmmsa.ch)

Electric Power Generation, Transmission and Distribution Industry; 7,038 companies in the corporate family; hydro-electric power generation  
\$3.43 billion (2020)

ALPIQ Energy SE

+420 221 720 116

Electric Power Generation, Transmission and Distribution Industry; 33 employees; 84 companies in the corporate family; hydropower plants, new renewable energy sources - wind and solar, thermal power plants and hydrogen production  
\$3.94 billion (2020)

Holzwärme Grindelwald AG

+41 584 775 111 d&b

+41 58 477 56 56

Andreas Kaufman

info@holzwaerme-grindelwald.ch

<https://www.holzwaerme-grindelwald.ch/hwg/kontakt.aspx>

Water, Sewage and Other Systems Industry; 7,038 companies in the corporate family; the consequences of global warming are particularly noticeable in Grindelwald - glaciers and permafrost are noticeably dwindling in the region.; this is precisely why the region wants to make an active contribution to protecting the climate: CO<sub>2</sub>-neutral district heating from local wood chips is used to supply over 50 hotels, public buildings and private households with thermal energy  
\$3.43 billion (2020)

E.ON Energie, a.s. or E.ON Czech Republic, sro

+420 800 773 322

Electric Power Generation, Transmission and Distribution Industry; 328 employees; 1,123 companies in the corporate family; provides electricity from 100% renewable sources including solar, wind, water and biogas and natural gas  
\$2.28 billion (2020)

OTE, a.s.

+420 296 579 160 d&b

+420 234 686 100

ote@ote-cr.cz

Architectural, Engineering, and Related Services Industry; 73 employees; 3,997 companies in the corporate family; electricity and gas market operator  
\$1.63 billion (2020)

innogy Energie, s.r.o.

+420 800 113 355

info@innogy.cz

Electric Power Generation, Transmission and Distribution Industry; 249 employees; 577 companies in the corporate family; producer of natural gas and electricity for homes and big business  
\$1.49 billion (2020)

EG.D, a.s.

+420 800 225 577

info@egd.cz

Zdeněk Bauer, Chairman of the Board

Electric Power Generation, Transmission and Distribution Industry; 1,750 employees; 1,123 companies in the corporate family; natural gas and electricity producers; plus eMobiity charging options

\$924.71 million (2020)

Pražská energetika, a.s.

+420 840 550 055

<https://www.pre.cz/cs/kontakty/kontaktni-formular>

Electric Power Generation, Transmission and Distribution Industry; 308 employees; 334 companies in the corporate family; distributes natural gas and electricity to households and businesses

\$813.66 million (2020)

ČEPS, a.s.

+420 211 044 111

ceps@ceps.cz

Electric Power Generation, Transmission and Distribution Industry; 564 employees; 3,997 companies in the corporate family; operator of the Czech transmission system; ensure safe and reliable operation and development of the electricity transmission system within interconnected European systems

\$673.78 million (2020)

Pražská plynárenská, a.s.

Josef Dlouhy - one of several sales reps in Prague

+420 702 223 937

josef.dlouhy@ppas.cz

Natural Gas Distribution Industry; 359 employees; 334 companies in the corporate family; distributes electricity and natural gas; more than 425,000 consumption points; also has 10 CNG vehicle filling stations

\$671.76 million (2020)

GasNet, s.r.o.

+420 555 90 10 10

info@gasnet.cz

Thomas Merker, Chief Financial Officer

Natural Gas Distribution Industry; 308 employees; 5 companies in the corporate family; operates the largest gas distribution system in the Czech Republic; supplies more than 2.3 million customers; has a roughly 80% share in the distribution of natural gas in the Czech Republic and manages 65,000 kilometers of gas pipelines in all regions of the country  
\$666.57 million (2020)

BOHEMIA ENERGY entity s.r.o.

+420 222 700 808

Ondřej Karásek, CFO

Electric Power Generation, Transmission and Distribution Industry; 455 employees; 19 companies in the corporate family; distributes natural gas, electricity and has solar solutions for home

\$572.68 million (2020)

For companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.cz.html?page=1>

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## **Slovakia**

Slovenské elektrárne

+421 258 661 111

info@seas.sk

The largest power generation company in the country; produces 80% of the country's electricity through 35 hydroelectric plants, as well as two nuclear, two photovoltaic, and two thermoelectric plants

\$3.31 billion (2020)

...V...

Slovenský plynárenský priemysel, a.s.

+421 262 621 111

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 677 employees; 541 companies in the corporate family; state-owned energy supplier; in addition to natural gas, it sells CNG and LNG and supplies electricity.

\$1.44 billion (2020)

ZSE Energia, a.s.

+421 23 210 1933

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 272 employees; 541 companies in the corporate family; sell and supply electricity to end customers; in 2002 it became a subsidiary of the E.ON Group; also provide solar collectors and heat pumps; 51% of the company is held by the Ministry of Economy of the Slovak Republic

\$1.30 billion (2020)

Eustream, A.S.

+421 2 6250 7111

Investor Relations

Miroslav Bodnár, Strategy Director

+421 2 6250 7287

investor.relations@eustream.sk

Pipeline Transportation of Natural Gas Industry; 635 employees; 541 companies in the corporate family; contributes to a secure and reliable supply of natural gas to Central and Western Europe; provides access to the transmission network and provides its clients with a wide range of services related to gas transmission;

\$845.52 million (2020)

Stredoslovenská energetika, a.s.

+421 41 519 85 05, +421 41 519 85 05

podnikatelia@sse.sk, plyn@sse.sk

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 251 employees; 541 companies in the corporate family; the second largest electricity distributor in Slovakia where it delivers and distributes electricity to 700,000 businesses and households; its shareholding structure is 51.00% Government of Slovakia and 49.00% Energetický a průmyslový holding (EPH).

\$842.13 million (2020)

Východoslovenská energetika a.s. & VSE Holding

+421 850 123 333

Ing. Mgr. Juraj Bayer, PhD. (economics credentials)

Electric Power and Natural Gas Generation, Transmission and Distribution Industry; 257 employees; 541 companies in the corporate family; the purchase of electricity and gas from producers and its sale; the third largest electricity distributor in

Slovakia where it delivers and distributes electricity to 500,000 business and household customers  
\$627.99 million (USD)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.sk.html?page=1>

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## Hungary

MOL Magyar Olaj- és Gázipari Nyilvánosan Működő Részvénytársaság  
+36 120 90 000

oil and gas production company investing in renewables - e-vehicle charging and green fuels; also in waste treatment and disposal; generation and distribution of electric power  
\$17.24 billion (2019)

MVM Next Energiakereskedelmi Zrt.  
+36 14 749 999

in the natural gas and electricity distribution industry; sells solar panels; involved in e-mobility; 321 employees; 579 companies in the corporate family  
\$2.36 billion (2020)

MVM Partner Zrt.  
+36 80 224 422 d&b  
+36 1 304 2181

Bakárd Richárd, Director of Finance

<https://partner.mvm.hu/hu-HU/Rolunk/Kapcsolat>

Electric power generation, transmission and distribution; oday, the company's international presence covers 20 European countries; entered the Belgian, Dutch and Greek electricity markets this year; 137 employees; 576 companies in the corporate family  
\$2.14 billion (2020)

MVM CEEnergy Zrt.  
+36 1 354 7000

[info@ceenergy.hu](mailto:info@ceenergy.hu)

in the natural gas distribution industry; 112 employees; 576 companies in the corporate family

\$1.75 billion (2020)

Albemarle

Scott Tozier, Executive Vice-President & Chief Financial Officer

contact form: <https://www.albemarle.com/contact-us>

+36 1 883 9600, +32 1048 1711 Belgium <- got this phone number on June 9<sup>th</sup>

\$3.128 billion USD

MAVIR ZRt.

+36 13 041 000

[info@mavir.hu](mailto:info@mavir.hu)

<https://www.mavir.hu/web/mavir/kapcsolat1>

Electric power generation, transmission and distribution; The task of MAVIR is to maintain the performance balance of the national energy system; 716 employees; 576 companies in the corporate family

\$971.53 million (2020)

Audax Renewables Kft. (an E.ON subsidiary)

+36 204 599 600

[araminfo@eon.hu](mailto:araminfo@eon.hu), [aramhalozat@eon.hu](mailto:aramhalozat@eon.hu)

Electric power generation, transmission and distribution; 188 employees; 222 companies in the corporate family

\$795.57 million (2020)

Uniper Hungary Kft.

+36 968 02 101

Tiina Tuomela, Chief Financial Officer

Stefan Jost, EVP Group Finance & Investor Relations (no phone number)

[IR@uniper.energy](mailto:IR@uniper.energy)

Christian Loosse, Investor Relations Manager

+49 151 6772 5191 (Germany)

[christian-loosse@uniper.energy](mailto:christian-loosse@uniper.energy)

Electric power generation, transmission and distribution; 31 employees; 4,559 companies in the corporate family

\$728.06 million (2020)

ELMŰ-ÉMÁSZ Energiakereskedő Korlátolt Felelősségű Társaság  
+36 1 / 225-4305  
in the natural gas and electricity distribution industry; 184 employees  
\$720.51 million (2020)

ELMŰ-ÉMÁSZ Energiaszolgáltató Zártkörűen Működő Részvénytársaság (a member of the international E.ON Group and its E.ON Hungária Group)  
+36 12 383 838  
Attila Kiss, President and CEO of E.ON Hungária Zrt  
in the natural gas and electricity distribution industry; We are the first large group of companies to focus on the energy of the future in all three business areas: energy networks, renewable energy, and complex energy solutions; 1,125 companies in the corporate family  
\$630.27 million (2020)

MVM Paksi Atomerőmű Zrt.  
Contact  
MVM Paks Nuclear Power Plant Ltd.  
+36-75 505-000  
atomeromu@npp.hu  
Electric power generation, transmission and distribution and waste management; 2,516 employees; 576 companies in the corporate family  
\$607.09 million (2020)

E.ON Energiamegoldások Kft. (an E.ON subsidiary)  
Electric power generation, transmission and distribution; 82 employees; 1,125 companies in the corporate family.  
\$540.68 million (2020)

ELMŰ Hálózati Kft. (an E.ON subsidiary - E.ON Hungária Zrt. at bottom of website)  
+36 1/225-43-21; +36 20/30/70 459-9722  
info@aram.eon.hu  
Electric power generation, transmission and distribution; 967 employees; 1,125 companies in the corporate family.  
\$436.15 million (2020)  
Companies generating less than \$500 million:

## Romania

ENGIE Romania S.A.

+40 213012052

<https://www.engie.ro/contact>

Natural Gas Distribution Industry; 170,000 employees; 7,664 companies in the corporate family; a global group active in the field of energy and low carbon services; key activities - natural gas, renewable energy; manufactures and through 3rd parties sell thermo power plants for the home  
\$1.59 billion (2020)

Electrica Furnizare SA

+40 372 442 001

[clients@electricafurnizare.ro](mailto:clients@electricafurnizare.ro)

Ionut-Bogdan Vlad, Financial Division Director

electric power generation, transmission and distribution; 781 employees; 5 companies in the corporate family  
\$1.24 billion (2020)

E.ON Energie Romania SA

+40 800 800 900

[office@eon-romania.ro](mailto:office@eon-romania.ro)

Volker Raffel, CEO

Natural Gas Distribution Industry; 172 employees; 1,123 companies in the corporate family;  
\$1.02 billion (2020)

Hidroelectrica (Societatea De Producere a Energiei Electrice In Hidrocentrale)

+40 213 032 500

Office of the President

+4021 30 32 578

[secretariat.general@hidroelectrica.ro](mailto:secretariat.general@hidroelectrica.ro)

Finance Department

+40 21 30 32 513

<https://www.hidroelectrica.ro/contact>

the largest energy producer in Romania, the primary source being hydro energy;  
3,354 employees; 46 companies in the corporate family  
\$931.72 million (2020)

ENEL Energie SA

+40 372 115 200

Electric Power Generation, Transmission and Distribution Industry; 250 employees;  
3,111 companies in the corporate family;  
\$702.08 million (2020)

ENEL Energie Muntenta SA

+40-800070809

Electric Power Generation, Transmission and Distribution Industry; 274 employees;  
3,111 companies in the corporate family  
\$684.56 million (2020)

Nuclearelectrica SA (Societatea Nationala)

+40 212 038 200

Valentina Dinu, Head of Investor Communication and Relations Department

+40 21 203 82 77

[investor.relations@nuclearelectrica.ro](mailto:investor.relations@nuclearelectrica.ro)

Electric Power Generation, Transmission and Distribution Industry; 2,028  
employees; 4 companies in the corporate family; nuclear reactor electricity  
\$593.50 million (2020)

Transelectrica SA (Compania Nationala De Transport Al Energiei Electrice

+40-213035613

Investor Relations

Mihaela Grama

+40 21 303 5948

[relatii.investitori@transelectrica.ro](mailto:relatii.investitori@transelectrica.ro)

<https://www.transelectrica.ro/ro/web/tel/contact-ri>

Electric Power Generation, Transmission and Distribution Industry; 2,021  
employees; 19 companies in the corporate family; the Romanian Transmission and  
System Operator (TSO) which plays a key role in the Romanian electricity market;

manages and operates the electricity transmission system and provides the electricity exchanges between the central and eastern European countries  
\$564.21 million (2020)

Tinmar Energy S.A.

+40 213 180 772

office@tinmar.ro

<https://www.tinmar.ro/contact>

Electric Power Generation, Transmission and Distribution Industry; 90 employees; 9 companies in the corporate family; the largest privately owned energy company in Romania - electricity; green energy is one of the company's priorities; a good part of the investments made in the growth of our company has been channeled in recent years to the production of renewable energy in photovoltaic parks - 13 of them now

\$534.42 million (2020)

Societatea Complexul Energetic Oltenia S.A. (Cen Oltenia)

+40 372 819 701

<https://www.cenoltenia.ro/contact>

Electric Power Generation, Transmission and Distribution Industry; 12,193 employees; 28 companies in the corporate family; power plant electricity generation; but nothing of informational value on the website

\$509.14 million (2020)

For companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.ro.html?page=1>

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## Ukraine

Energorynok, DP

+380 445 948 608 d&b

+380 44 594-86-00

kanc@er.gov.ua

Yuriy Lyubomyrovych Hnatyuk, Director of Energorynok State Enterprise

Electric Power Generation, Transmission and Distribution Industry; 71 employees; 545 companies in the corporate family; nothing of informational value on website except headers of solar panels and wind turbines

\$3.62 billion (2020)

SC Guaranteed Buyer (Garantovany Pokupets, DP)

+380 445 945 002

Electric Power Generation, Transmission and Distribution Industry; 97 employees; no website - this on a corporate info website: Transportation, Communications, Electric, Gas, and Sanitary Services

\$2.36 billion (2020).

D.TRADING LLC (D.Treiding, TOV)

+380 442 246 844

info@d.trading

Electric Power Generation, Transmission and Distribution Industry; 138 employees; 324 companies in the corporate family; sells/trades in natural gas and gas condensate from domestic and foreign sources; the largest thermal coal producer in the country

\$2.23 billion (2020)

Gas Transmission System Operator of Ukraine, LLC (Operator Gazotransportnoi Systemy Ukrainy, TOV)

+380 442 986 476 d&b

+380 442 397 776

info@tsoua.com

Other Pipeline Transportation Industry; 10,948 employees; 545 companies in the corporate family; a natural monopoly that provides transportation of natural gas to consumers in Ukraine and the European Union; the shareholder of the company is JSC Main Gas Pipelines of Ukraine, which is 100% owned by the Ministry of Finance of Ukraine

\$2.20 billion (2020)

NPC Ukrenergo (Natsionalna Energetychna Kompaniya Ukrenergo, AT)

+380 442 383 152

Electrical Equipment Manufacturing Industry; 7,861 employees; 21 companies in the corporate family; a power company responsible for operational and technological control of the Ukrainian energy system and electricity transmission from generating plants to the distribution networks of the regional electricity suppliers; 100% state-owned shares, which is managed by the Ministry of Finance of Ukraine

\$2.05 billion (2020)

SE NNEGC Energoatom (Natsionalna Atomna Energogeneruyucha Kompaniua Energoatom, DP)

+380 442 944 861 d&b

+380 442 777 883

l.kuzmenko@direkcy.atom.gov.ua

Electrical Equipment Manufacturing Industry; 33,804 employees; 545 companies in the corporate family; produces electricity by nuclear power plants

\$1.61 billion (2020)

DTEK Zakhidenergo, AT

+380 322 390 710 d&b

+38 44 581 45 39

info@dtek.com

Sergiy Dudar, Chief Financial Officer

Electric Power Generation, Transmission and Distribution Industry; 3,575 employees; 6 companies in the corporate family; the third largest Ukrainian electric power and heat producers; power produced by the company is supplied to the Ukrainian consumers and exported to European countries

\$752.43 million (2020)

Kuivteploenergo, Municipal Enterprise

+380 442 792 921

Water, Sewage and Other Systems Industry; 8,315 employees; 2 companies in the corporate family

\$574.00 million (2020)

DTEK Energy

Investor Relations

Sergiy Dudar, CFO

ir@dtek.clom

Today, the company's green portfolio is 1 GW of solar and wind capacities; his portfolio includes three wind farms; the Botievska WPP and the Prymorska WPP are the most powerful wind farms in Ukraine and some of the largest in Central and Eastern Europe. The Pokrovska SPP and the Nikopolska SPP are also the largest ones in Ukraine and listed among the five largest solar plants in Europe; The company's development pipeline in Ukraine provides for another 1 GW of new projects; DTEK Renewables is the largest investor in the green energy in Ukraine

no financial information

...V...

DTEK Zakhidenergo, AT

+380 322 390 710

the third largest energy-generating company in Ukraine - supplied to Ukrainian consumers and exported to the European countries; 3,575 employees; 6 companies in the corporate family

\$752.43 million (2020)

...V...

DTEK Skhidenergo, TOV

+380 623 894 545

1,530 employees; 324 companies in the corporate family

\$320.93 million (2020)

Donbasenergo, AT

+380 623 885 890 d&b

+38 (044) 290 97 07

office@de.com.ua

Valentina Marchenko, Director for Economics, Finance & Corporate Governance

2,527 employees; 10 companies in the corporate family; coal is delivered to thermal power plants by railroad cars

\$229.63 million (2020)

Ukrhydroenergo

+38 04596 58 450

office@uhe.gov.ua

a government company that generates electricity from hydro power plants; the largest hydrogenerating company in Ukraine; it continues to launch new projects and systematically follow energy development strategies

no financial information

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## Macedonia

Lukoil, PAO

+7 4956 219 501

website not available

UKOIL Makedonija is offering high-quality fifth-generation eco-friendly fuels produced in the LUKOIL Neftochim Burgas oil refinery; it engages in power generation, including some solar, in Russia, Romania, and Bulgaria. Lukoil gas filling stations serve customers in around 30 countries. About 70% of Lukoil retail sales come from within Russia.

\$68.12 billion (2020)

REK Bitola

+389 47 206 211

has a share of over 72% in the total energy production of the Macedonian energy system

JSC Power Plants of North Macedonia

Department development and investment

+389 02/3149-101

hydro and geothermal power and wind energy; our company is taking all steps to protect the environment; current and planned investments of AD ESM: photovoltaic power plants, hydropower plants, wind and solar

Elektrani Na Severna Makedonija A.D.

+389 23 149 232

Electric power generation, transmission and distribution; 4,692 employees; 42 companies in the corporate family

\$202.75 million (2019)

EVN Makedonija A.D.

+389 23 205 000; info@evn.mk

Stefan Peter, MBA, President of the Management Board

Electric power generation, transmission and distribution; 222 employees; 628 companies in the corporate family

\$267.71 million (2020)

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## **Bulgaria**

Natsionalna Elektricheska Kompania EAD

+359 29 263 386 d&b

+359 29 263 636

nek@nek.bg

Electric Power Generation, Transmission and Distribution Industry; 2,071 employees; 20 companies in the corporate family; hydropower electricity generator

\$932.11 million (2020)

Bulgargaz EAD

+359 29 358 971 d&b

+359 29 358 944

Nikolay Pavlov, Executive Director

Natural Gas Distribution Industry; 56 employees; 20 companies in the corporate family;

\$795.00 million (2020)

Kozloduy NPP EAD

+359 97 372 660

Information Center

info@npp.bg info@kznpp.org

+359 97 372 100

Nasko Mihov, Executive Director

document@npp.bg

Secretary to the Executive Director

+359 97 372 020

Electric Power Generation, Transmission and Distribution Industry; 3,737 employees; 20 companies in the corporate family; nuclear power plant - a major producer in the country

\$748.81 million (2020)

Grand Energy Distribution EOOD

+359 28 904 227 d&b

+359 2 890 4 260; +359 2 890 4 206

+359 894 46 0975 (c)

office@grandenergy.net

email for end customers: openmarket@grandenergy.net

Electric Power Generation, Transmission and Distribution Industry; 73 employees; engaged in the trade of electricity; it holds energy trading license for operating in the local and international energy markets; it exports electric power to and maintains long-term business relationships with partners from Greece, Romania, Serbia, Turkey, Macedonia, Hungary, Germany and Switzerland; \$507.21 million (2020)

For companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.bg.html?page=1>

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## Cyprus

MAIN Group (HQ in Cyprus; office in Ukraine)

info@maingrp.com

<https://www.maingrp.com/contacts>

a global renewable energy project developer represented by a holding company MAIN Group Europe (Cyprus) and its subsidiaries operating in different countries; driven by increasing demand for the transition towards clean energy, MAIN Group focuses on project development and attracting investments in the renewable solar power segment. We would be delighted to discuss potential investment opportunities in renewable energy projects.

Electricity Authority of Cyprus

+357 222 010 00

eac@eac.com.cy

<https://www.eac.com.cy/EL/ContactUs/Pages/default.aspx>

Despina Panayiotou Theodosius, President

Electric Power Generation, Transmission and Distribution Industry; 2,100 employees; 4 companies in the corporate family; relies on the production of electricity exclusively on imported fuels, mainly fuel oil; has three power plants \$907.19 million (2020)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.cy.html?page=1>

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## United States

Tesla Motors  
Palo Alto, CA  
+1 650-681-5000  
Investor Relations  
ir@tesla.com  
\$42.1 billion

SolarEdge Technologies  
+1.510.498.3200 (California)  
<https://marketing.solaredge.com/contact-us-us>  
\$3.9 billion

Enphase Energy  
(877) 797-4743 HQ (California)  
Investor Relations  
<https://investor.enphase.com/contact-us>  
\$3.9 billion

Ormat Technologies  
Investor Relations  
Smadar Lavi  
(775) 356-9029 (Nevada)  
SLavi@ormat.com  
\$3.6 billion

NextEra Energy Resources, LLC  
561-691-7171 (Florida)  
Investor Relations  
561-694-4697  
investors@nexteraenergy.com  
\$2.8 billion; \$5.76 billion d&b

JinkoSolar Holding Co.  
Ms. Linda Bergkamp  
Christensen, Scottsdale, Arizona  
(480) 614 3004  
lbergkamp@ChristensenIR.com  
\$3.64 billion  
Salt River Project Agricultural Improvement and Power District  
(602) 236-5900  
\$3.48 billion (2021)

Renewable Energy Group Inc.  
Investor Relations  
Todd Robinson, Treasurer  
+1 (515) 239-8048 Iowa  
Todd.Robinson@regi.com  
\$2.135 billion

Borrego Solar Systems, Inc.  
Dan Tucker, Chief Financial Officer  
(Texas)  
<https://www.borregoenergy.com/contact-general>  
\$8 billion

Invenergy LLC  
Meghan Schultz, Sr. Vice-President, Finance & Capital Markets  
(312) 224-1400 (Chicago HQ)  
<https://invenergy.com>  
\$500 million

Global Infrastructure Partners  
IRGroup@global-infra.com  
212-315-8100 (New York)  
\$41 billion

First Solar, Inc.  
Investor Relations

investor@firstsolar.com  
419.662.6899 (Arizona)  
\$6.7 billion

Clearway Energy Group  
(New Jersey)  
Steve Ryder, Executive VP & Chief Financial Officer and Max Gardner, Treasurer & VP, Corporate Finance  
<https://www.clearwayenergygroup.com/contact-us>  
\$1.2 billion revenue 2020  
\$3.6 billion

Exelon  
Investor Relations  
Emily Duncan, Vice President?  
[Emily.Duncan@exekibcorp.com](mailto:Emily.Duncan@exekibcorp.com)  
(312) 394-2345  
operates 29 wind projects across 10 states; committed to providing environmentally friendly, low and no-carbon power generation; projects in Idaho, Kansas, Maryland, Michigan, Minnesota, Missouri, New Mexico, Oklahoma, Oregon and Texas  
\$33.04 billion

Dominion Energy  
[Investor.Relations@dominionenergy.com](mailto:Investor.Relations@dominionenergy.com)  
The development of renewable energy is a priority  
\$16.53 billion in 2018l \$14.4 billion in 2019

Southern Company  
404-506-5000 (Georgia, United States)  
Investor Relations  
<https://investor.southerncompany.com/news-and-resources/information-request/default.aspx>  
committed to a clean, safe, reliable and affordable energy  
\$21.4 billion 2019; 4thQ 2020 \$5.1 billion

Entergy (a subsidiary of Louisiana's Entergy)  
generating electricity from renewable resources is playing an important role in the  
transformation to a cleaner energy future; more renewable energy generation will  
be added to Entergy's balanced energy mix  
\$10.113 billion (2020)

NRG Energy, Inc.  
(713) 537-3000  
\$9.09 billion (2020)

SunPower Corp.  
1-800-786-7693, 844-289-7970 (United States)  
Manavendra Sial, Executive VP & Chief Financial Officer  
\$4.0 billion

SunHydrogen Inc.  
Tim Young, President & CEO  
(California)  
<https://www.sunhydrogen.com/contact>  
\$400 million

Plug Power Inc.  
518-782-7700 (New York, GQ)  
Paul Middleton, CFO  
[investors@plugpower.com](mailto:investors@plugpower.com)  
\$18.7 billion

TPI Composites  
480-315-8742 (Arizona)  
Bryan Schumaker, Chief Financial Officer  
[investors@tpicomposites.com](mailto:investors@tpicomposites.com)  
\$1.75 to \$1.85 billion 2020

Ormat Technologies Inc.  
Investor Relations  
Smadar Lavi

(775) 356-9029 (Nevada)  
SLavi@ormat.com  
\$745 million

SolarEdge Technologies, Inc.  
Erica Mannion or Mike Funari  
Sapphire Investor Relations, LLC  
617-542-6180 (Michigan)  
IR voicemail box: +1 510-498-4263  
investors@solaredge.com  
\$1.4 billion

GE Renewable Energy  
Jérôme Péresse, CEO  
<https://www.ge.com/renewableenergy/contact-us> (United States)  
April 2021: The US giant's clean energy division remained in the red in the first three months of the year, despite delivering more than 750 turbines in Q1; announced plans for a new offshore wind blade plant in the UK; also received an order to supply a 1.5GW wind cluster in Oklahoma - its largest onshore wind project to date; recently received some large onshore wind orders in Spain  
1stQ 2021 \$3.25 billion

Doosan Heavy Industries & Construction Co., Ltd.  
+82 315 179 2915  
<http://www.doosanheavy.com/en/contact-us>  
Sanghyun Park, Executive VP & CFO  
the engineering, procurement, and construction contractor provides the equipment for nuclear, coal-fired and combined-cycle power plant projects worldwide; also provides water treatment facility technology for power plants and wastewater plants; has a presence in the UK, Vietnam, the US, UAE, Malaysia, Kuwait, Oman, Indonesia, India, Japan, Australia, Qatar, Israel, Chile, Guam, Germany, Switzerland and Taiwan  
\$13.56 billion (2020)

Doosan Fuel Cell Co., Ltd.  
Sookyung Yoo, CEO

(860) 727-2200 (United States office)

(No S. Korea phone number)

<https://www.doosanfuelcell.com/en/serv-0101>

July 2020: largest power plant builder, set an ambitious plan to boost its annual sales from its offshore wind farm business to over US\$830 billion by 2025

Energy Capital Partners

973-671-6100 (New Jersey)

212-266-2900 (New York)

Murray Karp, CFO, & COO

[info@ecpgp.com](mailto:info@ecpgp.com)

a leading investor across energy transition, electrification and decarbonization infrastructure assets, including power generation, renewables and environmental infrastructure

\$2.25 billion fund under management

Northern California Power Agency

(916) 781-3636

<http://www.ncpa.com/contact>

low hundreds of millions

Members: cities of Biggs, Gridley, Healdsburg, Lompoc, Palo Alto, Shasta lake, Ukiah, Port of Oakland

Alameda Municipal Power, Lodi Electric Utility, Bay Area Rapid Transit District, Redding Electric, Roseville Electric

AltaRock Energy

(206) 729-2400 (Washington State)

[info@altarockenergy.com](mailto:info@altarockenergy.com)

Susan Petty, Founder & President

leading company in the Geothermal market in 2019

Arctas Capital Group

713-513-7120 (Texas)

an investment and project development firm focusing on multiple energy technologies including renewables wind and geothermal.

## PG&E

Chris Foster, Executive VP & Chief Financial Officer

invrel@pge-corp.com

finding ways to produce, deliver and use energy as safely and sustainably as possible

\$18.47 billion 2020

## Consolidated Edison

<https://www.coned.com/en/contact-us>

working to support New York state and city's clean energy goals: solar, wind, hydro; We're investing in renewables and the latest innovations in smart technology to improve our resiliency, mitigate impacts of climate change, and evolve into a next-generation, clean-energy company.

\$12.25 billion

## Edison International

Andy Ludwig, VP - Investor Relations

610-774-3389 (Pennsylvania)

invrel@pplweb.com

\$13.6 billion 2020

## Eversource Energy

(Connecticut & in Massachusetts)

Investor Relations

Melissa Cameron, [melissa.cameron@eversource.com](mailto:melissa.cameron@eversource.com), 781-441-8862

John Gavin, [john.gavin@eversource.com](mailto:john.gavin@eversource.com), 781-441-8118

Jeff Kotkin, [jeffrey.kotkin@eversource.com](mailto:jeffrey.kotkin@eversource.com), 860-665-5154

\$8.9 billion 2020

## Public Service Enterprise Group

(United States)

<https://investor.pseg.com/resources/investor-contacts/default.aspx>

a National Leader in Producing Clean Energy; invested nearly \$2 billion in solar energy

\$10 billion (2019)

Sempra Energy  
Trevor Mihalik, Executive VP & CFO  
Investor Relations  
(619) 696-2901 (California HQ)  
\$11.37 billion 2020

Xcel Energy  
Emily Ahachich, Director - Investor Relations  
(612) 330-6054 (Minnesota)  
emily.a.ahachich@xcelenergy.com  
a utility holding company distributing electricity to 3.7 million customers and natural gas to 2.1 million customers in eight states through its four regulated utilities; Colorado and Minnesota account for most of the company's customers; it owns power plants and owns transmission and distribution lines as well as natural gas assets; it is investing in wind power and operates wind farms in Colorado, Minnesota and other states; in July 2021 Xcel plans to roll out 10,000 MW of renewable energy in Minnesota, Colorado by 2030  
\$11.53 billion 2020

PPL Corporation  
Andy Ludwig, VP, Investor Relations  
610-774-3389  
invrel@pplweb.com  
delivers electricity to customers in the United Kingdom, Pennsylvania, Kentucky and Virginia; and natural gas to customers in Kentucky and generates electricity from power plants in Kentucky  
\$7.6 billion

DTE Energy  
John Dermody, Manager - Investor Relations  
(313) 235-8030 (Michigan)  
investor\_relations@dteenergy.com  
MIGreenPower offers eligible electric customers simple and affordable renewable energy programs supporting DTE Energy's wind and solar projects.  
\$12.18 billion 2020

## Valero

(507) 728-4000 Valero Renewables (Minnesota)

Homer Bhullar, VP, Investor Relations & Finance

investorrelations@valero.com

With 13 plants, Valero is the second-largest producer of corn ethanol in the world, a clean-burning, high-octane renewable fuel that lowers life cycle greenhouse gas emissions up to 28% compared to non-blended gasoline; the Welcome plant, located on 300 acres about 160 miles southwest of Minneapolis, produces ethanol, distillers grains livestock feed and fuel- and feed-grade corn oil. The Welcome plant has been recognized under the Efficient Producer Program of the U.S. Environmental Protection Agency for superior process efficiency - through reduced on-site energy consumption, increased fuel output and/or use of biomass or biogas from certain sources to reduce process energy greenhouse gas emissions.

14 ethanol plants generating 140 million gallons per year.

\$117.033 billion 2018; \$108.32 billion 2019

## MPLX LP

Pamela Bea, Executive VP & CFO

Investor Relations

Institutional Investors: (419) 421-2071

IR@marathonpetroleum.com

Nov 2020: All options 'on the table' for MPLX renewable energy transition, execs say

\$7.57 billion 2020; \$9.041 billion 2019

## Williams

Investor Relations

800-600-3782(Oklahoma)

INVESTORRELATIONS@WILLIAMS.COM

committed to being the leader in providing infrastructure that safely delivers natural gas products to reliably fuel the clean energy economy

\$25.8 billion

## Pioneer Natural Resources

Investor Relations

972-969-4019

IR@pxd.com

engaged in hydrocarbon exploration

Pioneer's environmental initiative, Stewardship365, focuses on our responsibility to environmental sustainability  
\$5.585 billion

DiamondBack Energy, Inc.  
432-221-7400 (Texas)  
ir@diamondbackenergy.com  
engaged in hydrocarbon exploration  
\$2.813 billion 2020

WEC Energy Group & WEC Infrastructure LLC  
M. Beth Straka, Sr. VP, Investor Relations  
414-221-4639  
a leading Midwest electric and natural gas holding company with subsidiaries serving 4.6 million customers in Wisconsin, Illinois, Michigan and Minnesota; has several solar and wind parks in U.S. states  
\$7.24 billion 2020

EOG Resources  
Investor Relations  
713 651 7000 (Texas)  
eog\_ir@eogresources.com  
Our goal is to be a leader in environmental, social and governance initiatives; our Sustainable Power Group will continue to focus on reducing our emissions by making sound economic decisions to continually improve our operations.  
\$11.03 billion 2020

Marathon Petroleum Corporation  
Investor Relations  
(419) 421-2071 (Ohio)  
Ir.marathonpetroleum.com  
we are sharpening our focus on meeting the world's energy needs while lowering the carbon intensity of our operations and the products we manufacture. Our approach to sustainability includes increasing the volume of renewable fuels we produce and market, seeking ways to expand use of renewable energy in our operations, and innovating and deploying emerging technologies that reduce environmental impact while enhancing business performance.

\$123 billion

Phillips 66

1-800-624-6440 (Texas)

investorrelations@p66.com

<https://www.phillips66.com/contact>

\$107.3 billion 2019

August 12th, 2020: Plans to Transform San Francisco Refinery into World's Largest Renewable Fuels Plant; The plant would no longer produce fuels from crude oil, but instead would make fuels from used cooking oil, fats, greases and soybean oils.

\$55 billion of assets as of June 30, 2020

PSEG, Inc.

Michael K. Hyun

Deputy General Counsel and Corporate Secretary

michael.hyun@pseg.com

<https://investor.pseg.com/resources/investor-contacts/default.aspx>

Our company has invested nearly \$2 billion in solar energy, helping to rank New Jersey consistently among the top states for solar development.

\$10.976 billion 2019; \$9.67 2018; total assets 2020 \$50 billion

Exelon Corporation

Investor Inquiries: (312) 394-2345 (Chicago)

Emily Duncan, Vice President?

\$33.04 billion 2020

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Exelon Energy Delivery Company, LLC

(312) 394-7399

\$6.16 billion (2020)

Invenergy LLC

(312) 224-1400 (Chicago), (303) 800-9341 (Denver), (416) 901-9463 (Toronto)

Megan Schultz, Head of Financing & Capital Markets

contact form: <https://invenergy.com>

\$226.4 million

Sungevity Solar Company  
info@sungevity.com  
866-SUN-4ALL 786-4155 (California)  
\$200 million

RUF Briquetting (affiliated with C.F. Nielsen AS in Denmark)  
(440) 779-2747 (Ohio)  
manufactures equipment and machinery that turns biproducts like wood waste into bricks; helped over 300 customers to generate revenue and cut costs

## **U.S. Utility Companies by State**

### **Alabama**

Alabama Power  
1-888-430-5787 Business Customer Service  
Philip Raymond, Executive VP, Chief Financial Officer & Treasurer  
Susan Comensky, VP, Environmental Affairs  
an electric utility serving 1.5 million customers; involved in solar, hydro and geothermal; eMobility - will continue to be among utility leaders in supporting electric transportation and advanced battery development, including collaborating with charging station manufacturers  
\$5.83 billion (2019)

PowerSouth Energy Cooperative, Inc.  
(334) 427-3000  
Taylor Williams, Governmental Affairs & Economic Development Manager  
taylor.williams@powersouth.com  
(334) 241-7372  
(334) 427-3000  
info@powersouth.com  
provides wholesale power to its member-owners (16 electric cooperatives and four municipal distribution utilities); its distribution members provide electric services to almost 417,200 customer meters in central and southern Alabama and western Florida; operates a more than 2,200-mile power transmission system and has generating capacity from interests in six fossil-fueled and hydroelectric power plant  
\$547.22 million (2020)

Southern Nuclear Operating Company, Inc. (a subsidiary of Southern Company)\*  
(205) 506-5000

Cheryl W. Brakefield, VP, Chief Financial Officer

a leader among the nation's nuclear energy operators, running six units for Alabama Power and Georgia Power at the Joseph M. Farley Nuclear Plant near Dothan, Ala.; the Edwin I. Hatch Nuclear Plant near Baxley, Ga., and the Alvin W. Vogtle Electric Generating Plant near Waynesboro, Ga; is the licensee of two new nuclear units currently under construction

\* Dan Tucker, Executive VP & Chief Financial Officer (same phone number)

\$1.82 billion (2020)

Tennessee Gas Pipeline Company, L.L.C. (a Kinder Morgan subsidiary)

(205) 325-3513

transports natural gas across the US. The company, a subsidiary of diversified energy giant , is part of an integrated coast-to-coast pipeline system; operates 11,840 miles of interstate natural gas transmission pipeline stretching from Canada to Mexico; the system begins in the natural gas-producing regions of the Gulf Coast and extends to the northeast US, including the large urban centers of New York City and Boston; its South Texas pipeline allows the company to tap into the burgeoning power generation market in northern Mexico

\$1.30 billion (2020)

Huntsville Utilities

(256) 535-1200

<https://www.hsvutil.org/general-inquiries>

electricity, water and natural gas provider - 196,100 (electricity, 101,812 (water) and 57,700 customers (gas); owned by the City of Huntsville;

\$604.83 million (2020)

## Arizona

Arizona Public Service Company LLC (subsidiary of Pinnacle West Capital)\*

(602) 250-100

\$3.59 billion (2020)

\* 602-371-7171

<https://www.aps.com/en/Utility/Contact-us/Ask-a-Question>

the largest electric utility in Arizona - 2.7 million customers, 6,000+ employees; involved in solar and eMobility - information portal; investing in industry-leading projects that bring together solar, battery storage and other clean resources

\* Investor Relations, Amanda Ho, (502) 250-3334; PWShrHold@apsc.com  
\$3.59 billion (2020)

Uns Energy Corporation (subsidiary of Canada's Fortis Inc.)  
(520) 571-4000

Frank Marino - Sr. VP & Chief Financial Officer

gets most of its revenues from its energy utilities; generates and distributes electricity to more than 432,000 customers in and around Tucson; its Subsidiary UniSource Energy Services provides electricity and natural gas to about 256,000 customers in northern and southern Arizona

\$1.79 billion (2020)

Tucson Electric Power Company Inc. (subsidiary of UNS Energy)  
(520) 571-4000

the utility provides electricity to about 430,000 residential, commercial and industrial retail customers in Tucson and surrounding areas in southeastern Arizona; electricity generator, transmitter and distributor of primarily natural gas; and it also sells energy wholesale to utilities and power marketers in the western US; offers solar solutions; also investing in energy storage, fast-ramping natural gas generators and other facilities needed to support new renewable resources; recognized worldwide as an industry leader in renewable energy

\$1.42 billion (2020)

Liberty Utilities Co. (a subsidiary of Algonquin Power & Utilities Corp. - Canada)  
(800) 782-2506

a regulated water, wastewater, natural gas, electric and propane/air utility company providing local utility management, service and support to small and mid-sized communities across the United States and in New Brunswick

\* (905) 465-4500, <https://algonquinpower.com/contact.html>; Investor Relations, Amelia Tsang, VP, Investor Relations, 905-465-4574, Amelia.Tsang@APUCorp.com  
\$789.76 million (2020)

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Liberty Utilities (Central) Co.  
(905) 465-4500  
\$599.64 million (2020)

## Arkansas

Entergy Arkansas, LLC (subsidiary of Louisiana's Entergy in Louisiana)

(501) 377-4000

the largest power provider in the Natural State; serves approximately 700,000 residential, commercial, industrial, and government customers in 63 eastern and central Arkansas counties; the Entergy subsidiary also has interests in fossil-fueled, nuclear and hydroelectric power generation facilities

\$2.14 billion (2017)

Arkansas Electric Cooperative Corporation

(501) 570-2200

David Franenberg, CFO

Economic Development Dept.

501-570-2274

jd.lowery@aecc.com

<http://www.wearearkansas.com/contact-us>

the sole wholesale power provider for 17 Arkansas electric distribution cooperatives; operates power plants, owns transmission assets and buys wholesale power to meet its members' demands

\$790.71 million (2019)

## California

Pacific Gas and Electric Company

(415) 973-7000

Contact form [Link](#)

David Thomason, VP, Chief Financial Officer. Stephanie Williams, VP, Business Finance and Planning

provides natural gas and electricity to 5.2 million households in the northern two-thirds of California; the largest private owner of hydroelectric facilities in the United States including 174 dams, 2 nuclear power plants and 3 solar power plants; in June 2020, PG&E announced a 12-month R&D effort along with Socalgas and Twelve (a chemical technology company) to convert raw biogas into carbon neutral methane - this would enable energy from renewable resources (such as wind and solar) to generate fuel from landfills, sewage, and dairy farms; offers eMobility charging options

\$18.47 billion (2020)

Edison International  
(626) 302-2222  
Investor Relations  
Sam Ramraj, Vice President  
(877) 379-9515  
invrel@edisonintl.com

a major power provider in California through its Southern California Edison (SCE) subsidiary, which distributes electricity to 15 million people in a 50,000 square-mile area of central, coastal and southern California; over 53,000 line-miles of overhead lines, 38,000 line-miles of underground lines and approximately 800 substations; owns and operates additional solar and wind power projects  
\$13.58 billion (2020)

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Southern California Edison Company  
(626) 302-1212  
Investor Relations  
Sam Ramraj, (626) 302-2540

distributes power to more than 5 million customers in central, coastal and southern California (excluding Los Angeles and some other cities); the utility's system consists of some 12,635 miles of transmission lines and some 91,375 miles of distribution lines; stakes in nuclear, hydroelectric, fossil-fueled and solar power plants; and eMobility - offers a range of electric vehicle programs  
\$12.31 billion (2020)

San Diego Gas & Electric Company  
(619) 696-2000

provides natural gas and electricity to San Diego County and southern Orange County; offers solar options including storage batteries and small wind turbines for home and business; plus biofuel, biomass, geothermal and hydropower  
\$5.31 billion (2020)

Southern California Gas Company  
(213) 244-1200  
Mia DeMontigny, Chief Financial Office

distributes natural gas to 5.9 million residential, commercial, and industrial clients in more than 500 communities throughout the southern half of California; its natural gas facilities include 2,962 miles of transmission and storage pipelines,

50,097 miles of distribution pipelines and 47,524 miles of service pipelines; its pursuing renewable gas and fuel cells - natural gas can be processed as a reliable source of hydrogen for fuel cells that generate efficient clean electricity and heat for industry and transportation  
\$4.75 billion (2020)

Pacific Enterprises (a subsidiary of Sempra Energy)  
(619) 696-2020  
\$4.75 billion (2020)

Sunrun Inc.  
(415) 580-6900  
Tom vonReichbauer, Chief Financial Officer  
Investor Relations  
415-373-5206  
investors@sunrun.com  
formed in 2007, Sunrun pioneered residential solar service; the nation's leading residential solar, storage and energy services company; has over 550,000 customers and sold solar service in 22 states, DC & Puerto Rico  
\$922.19 million (2020)

Edison Mission Energy (a subsidiary of Edison International)  
(626) 302-5778  
\$807.97 million (2020)

Los Angeles Department of Water and Power  
Ann Santilli, Chief Financial Officer  
Investor Relations  
Matthew Curtis  
(213) 367-4562  
InvestorRelations@ladwp.com  
the largest municipally owned utility in the US; provides electricity to approximately 1.4 million residential and business customers and water to some 681,000 customers; also buys and sells wholesale power; continues working aggressively to expand Los Angeles' supply of renewable resources, including wind, solar, geothermal, biomass, and small hydroelectric power, along with other clean energy solutions such as energy storage, energy efficiency, demand response

programs and distributed energy resources; as of 2018 it achieved 32% renewables including wind, solar, geothermal and hydroelectric

Pacific Power (a division of PacifiCorp and part of Berkshire Hathaway Energy) serve more than 780,000 customers in 243 communities across Oregon, Washington and California; a wind power leader; locations also in Oregon and Washington State; upgrading its fleet of 695 wind turbines; powers 74,000 more homes annually; its added several eMobility charging and battery solutions to its fleet and partnered with customers to add 2,100 charging stations for workplace and public use; support 100% Pacific Northwest renewable resources from Oregon, Washington and Idaho; the resource mix is likely to include wind (92%), solar (5%), biomass (2%), and geothermal (1%)

<https://csapps.pacificpower.net/public/about/contact-us>

Communications, advertising and marketing

CCCom2@pacificorp.com

SDG&E (San Diego Gas & Electric; a subsidiary of Sempra Energy)

(619) 696-2000

Bruce Folkmann, President & CFO

a regulated utility that serves 1.4 million electricity customer meters and 855,000 natural gas customer meters in San Diego County and a portion of southern Orange County; owns 22,360 miles of power distribution lines, which serve about 25 communities; its 1,920 miles of transmission lines are managed by the California Independent System Operator; operates almost 170 miles of transmission pipelines and about 8,460 miles of distribution mains; eMobility offering charging solutions - 3000+ EV chargers at local businesses, condos and apartments

\$5.31 billion (2020)

Southern California Public Power Authority

(626) 793 - 9364

Tom Miller, President

Alleen Ma, Chief Financial & Administrative Officer, ext 205

serves its members through the joint procurement and financing of projects; created for the purpose of providing joint planning, financing, construction and operation of transmission and generation projects; comprised of eleven municipal utilities and one irrigation district, its members serve more than 5 million Californians (2 million customers) across a service area of 7,000 square miles; they

supply 16% of California's power; projects include biomass, fossil / nuclear, hydro, natural gas, solar, transmission and wind

#### California Water Service Group

(408) 367-8200

Investor Relations

Thomas F. Smegal III, VP & Chief Financial Officer

the company's main subsidiary, regulated utility California Water Service Company, keeps water flowing for about 489,600 customers in California; its other water utility subsidiaries include Washington Water (about 17,700 customers), New Mexico Water (about 8,300 water and wastewater customers), and Hawaii Water (approximately 5,000 customers); its CWS Utility Services unit contracts to provide water system operation, meter reading and billing services; it provides services to about 2 million people in about 100 communities; subsidiaries in the state, New Mexico, Hawaii and Washington State

\$794.31 million (2020)

#### Clean Power Alliance of Southern California

customerservice@cleanpoweralliance.org

<https://cleanpoweralliance.org/customer-support/contact-us>

David McNeil, Chief Financial Officer

3 million customers have chosen sustainable electricity from the company; partnered with many cities in the state; mandated to stimulate renewable energy development

(213) 269-5870

\$752.07 million (2020)

#### Imperial Irrigation District

(800) 303-7756

customerservice@iid.com

Belen Valenzuela, Chief Financial Officer

a public agency, it's the six largest public power utility in the state, providing generation, transmission and distribution services to more than 150,000 residential, commercial and industrial customers; also the largest irrigation district in the US, with more than 3,000 miles of canals and drains delivering water to active farmland and providing wholesale water to local municipalities primarily in the Southern California desert corridors of Imperial Valley and Coachella Valley

\$705.49 million (2020)

Edf Renewables, Inc.

(858) 521-3300 d&b

888-903-6926

[info@edf-re.com](mailto:info@edf-re.com)

Luis Silva, Chief Financial Officer

onshore and offshore wind, solar, storage, eMobility charging, distributed energy; affiliants include EDF Renouvelables, EDF Energy North America, EDF Group, EDF Trading, EnterSolar, Powerflex and Dalkia

\$678.73 million (2020)

East Bay Municipal Utility District, Water System

(866) 403-2683

East Bay Municipal Utility District

Clifford C. Chan, General Manager

the utility provides potable water to 1.3 million people in a 331-square-mile area (which includes the cities of Alameda, Berkeley, and Oakland); its wastewater system serves about 650,000 people in an 88-square-mile area of Alameda and Contra Costa counties along San Francisco Bay's east shore; and operates a wastewater treatment plant that treats wastewater collected by nine East Bay cities and cleans it before discharge to the San Francisco Bay

\$625.04 million (2021)

SJW Group

(408) 279-7800

James P. Lynch, Chief Financial Officer and Treasurer

its a holding company that owns public utility services that engage in the production, storage, purification, distribution and retail sale of water; two main subsidiaries, the San Jose Water Company and Canyon Lake Water Service Company (CLWSC), serve nearly 1.5 million residents in California and Texas through nearly 250,000 water connections

\$564.53 million (2020)

Clean Energy

(949) 437-1000

\$560.25 million (2020)

Pattern Energy Group Inc.

(415) 283-4000

Esben Pedersen, CFO

one of the world's largest private renewable energy companies, with large operating and development footprints in the United States, Canada, and Japan; its global operational portfolio includes 30 utility-scale renewable energy facilities; energy generated in 2020 served the needs of 3.2 million customers

\$541.00 million (2020)

Sempra Energy International

(619) 696-2000 d%b

833-699-3223

its public utilities power homes and businesses in California and Texas and it builds and operates energy infrastructure in the U.S. and Mexico; focusing on natural gas distribution and wind and solar power generation and more; than 36 million consumers in North America

\$513.54 million (2020)

East Bay Community Energy Authority

(510) 736-4981

Jason Bartlett, Finance Manager

exists to provide more renewable energy at competitive rates - in 2019 signed 9 contracts to develop wind, solar, and energy storage projects that are now being built in California

\$500.00 million (2020)

## Colorado

Xcel Energy (subsidiary of Excel\* in Minneapolis -> 2020 revenue)

\*Brian Van Abel, Executive P & Chief Financial Officer

Paul A. Johnson, Vice President, Treasurer & Investor Relations

(612) 215-4535

paul.a.johnson@xcelenergy.com

Emily Ahachich, Director - Investor Relations

(612) 330-6054

emily.a.ahachich@xcelenergy.com

New Business Customer contact info

energyefficiency@xcelenergy.com

855-839-8862

a major U.S. electricity and natural gas company, with operations in 8 Western and Midwestern states; provides a comprehensive portfolio of energy-related products and services to 3.7 million electricity customers and 2.1 million natural gas customers through its regulated operating companies

<https://my.xcelenergy.com/customersupport/s/contactsupport>

\$11.53 billion

Dcp Operating Company, LP

a midstream master limited partnership, with a diversified portfolio of assets, engaged in the business of gathering, compressing, treating, processing, transporting, storing and selling natural gas; producing, fractionating, transporting, storing and selling NGLs and recovering and selling condensate; it owns and operates more than 50 plants and 57,000 miles of natural gas and natural gas liquids pipelines, with operations in 9 states across major producing regions and leads the midstream segment as the largest natural gas liquids producer, the largest natural gas processor and one of the largest marketers in the U.S

\$8.46 billion in sales (2020)

Dcp Midstream, LP

(303) 595-3331

...v...

Dcp Midstream, LP

Investor Relations

Madison Spangler, Senior Investor Relations Analyst

720-437-1131

[MMSpangler@dcpmidstream.com](mailto:MMSpangler@dcpmidstream.com)

one of the natural gas gatherers in North America and also a producer and a marketer of natural gas liquids; also engages in natural gas compressing, treating, processing, transporting and selling; also transports and sells NGLs and distributes propane wholesale; it operates natural gas gathering and transmission systems (62,000 miles of pipe) in more than 15 states, more than 10 fractioning facilities, four NGL pipelines, and seven propane natural gas liquids terminals

\$6.30 billion (2020)

NRG Energy Holdings Inc.

(609) 524-4500

Alberto Fornaro, Executive VP & CFO

Investor Relations

Kevin L. Cole, CFA, Sr. Vice President, Investor Relations

609.524.4526

Brendan Mulhern

Investor Relations

609.524.4767

Investor.Relations@nrg.com

the power industry's leading company and we've grown from a power generator into an energy provider that powers homes and businesses throughout America; recently added natural gas; more than 3 million customers

\$2.50 billion (2020)

Dcp Operating Company, LP

(303) 595-3331

\$1.78 billion (2020)

Colorado Springs Utilities

(719) 448-4800

website not accessible

is a community-owned multi-utility company that provides natural gas, electric, water and wastewater services in the Pikes Peak region; territories serviced include Colorado Springs, Manitou Springs and several of the suburban residential areas surrounding the city

\$884.35 million (2020)

Western Gas Resources, Inc. (an Occidental subsidiary)

(303) 452-5603

Investor Relations

Jeff Alvarez - Vice President Investor Relations

Neil Backhouse - Director Investor Relations

(713) 552-8811

<https://www.oxy.com/Information/Contact-US/Pages/Email-Occidental.aspx>

purchases, markets, gathers, processes, transports, and stores oil, condensate, natural gas liquids, natural gas, CO2 and power; oil and gas exploration and production activities are concentrated in the United States, the Middle East, Africa and Latin America??; Oxy Low Carbon Ventures subsidiary is advancing cutting-edge technologies and business solutions that economically grow our business

while reducing emissions - its vision is as an innovative and sustainable leader with industry-leading initiatives and investments for a low-carbon future  
\$500.34 million (2020)

## Connecticut

Avangrid, Inc.  
(207) 629-1200

website not accessible

an energy and utility company with holdings in regulated utilities, electricity generation, and natural gas storage. It distributes electricity and natural gas to more than 3 million customers in the US northeast through Central Maine Power, New York State Electric & Gas, and Rochester Gas and Electric. Avangrid is also active in electricity generation via wind power and owns or operates natural gas storage and hub service facilities, primarily in the southern and western US  
\$6.32 billion (2020)

Eversource Energy (The Connecticut Light and Power Company)

(860) 665-5000

Investor Relations

Jeff Kotkin

jeffrey.kotkin@eversource.com

860-665-5154 Conn

Melissa Cameron

melissa.cameron@eversource.com

781-441-8862 Mass

John Gavin

john.gavin@eversource.com

781-441-8118 Mass

provides electric utility services to 1.2 million customers in nearly 150 Connecticut communities; the electric utility, a subsidiary, has 225 substations and more than 288,400 transformers, and owns and operates regulated transmission and distribution assets in its 4,400-sq.-mile service territory; has more than 22,800 miles of distribution lines and more than 1,770 miles of transmission lines. CL&P's transmission assets are monitored by ISO New England  
\$3.23 billion (2019)

...V...

Yankee Energy System, Inc. (merged with Northeast Utilities and is affiliated with Connecticut's Eversource)

...V...

Yankee Gas Services Company

pipng natural gas to 71 central and southwest Connecticut towns and cities; with 218,000 commercial, industrial and residential customers, the company, a subsidiary of Yankee Energy System...^... (which is itself a unit of Eversource Energy), is the largest natural gas distributor in Connecticut; the utility operates more than 3,290 miles of natural gas pipelines and in 2013 owned 28 active gate stations, and 206 district regulator stations

Equinor Natural Gas LLC (a subsidiary with its HQ-ed in Norway)

(203) 978-6900

it is a broad energy company in more than 30 companies, leveraging strong synergies between oil, gas, renewables, carbon capture and hydrogen; more than 21,000 employees; on a journey to net zero emissions through optimising our oil and gas portfolio, accelerating growth in renewables and pioneering developments in carbon capture and hydrogen; 785 companies in the corporate family  
\$1.96 billion (2019)

UI (The United Illuminating Company)

(203) 499-2000

a regional electric distribution company based in Orange, Connecticut. Established in 1899, UI is engaged in the purchase, transmission, distribution and sale of electricity and related services to 325,000 residential, commercial and industrial customers in 17 towns and cities in the greater New Haven and Bridgeport areas. It is a subsidiary of Avangrid (in Oregon?)  
\$1.05 billion (2020)

GE Steam Power, Inc. (a subsidiary of Ljungstrom)\*

(866) 257-8664

3,000 total employees; 4,484 companies in the corporate family

\* a global technology and innovation leader, specializing in full life-cycle services and solutions for thermal power plants and industrial facilities; is redefining clean thermal power technologies; also in the EU, northern India, China and Japan

<https://www.ljungstrom.com/en/contact>

\$787.72 million (2020)

Yankee Energy System, Inc.

(860) 665-5000

\$727.44 million (2020)

Yankee Gas Services Company

(860) 665-5000

\$727.19 million (2020)

The United Illuminating Company website not working

## **Delaware**

Conectiv, LLC

(202) 872-2680

need more research since website was inaccessible

\$2.56 billion (2020)

Delmarva Power & Light Company

(302) 454-0300

Phillip S. Barnett, Sr. VP, CFO and Treasurer

engaged in the transmission and distribution of electricity in Delaware and a portion of Maryland; it delivers to about 501,000 customers; also provides natural gas to more than 124,000 customers. DPL is an indirect subsidiary of Pepco Holdings, which owns two other utilities (Potomac Electric Power and Atlantic City Electric) as well as competitive energy generation, marketing and supply businesses. As part of the 2016 acquisition of Pepco Holdings, Delmarva P&L joined the Exelon family of utilities

\$1.27 billion (2020)

Atlantic City Electric Company

(202) 872-2000

Phillip S. Barnett, Sr. VP, CFO and Treasurer

the Pepco Holdings' utility generates, transmits, and distributes electricity to 547,000 homes and businesses in southern New Jersey; operates more than 11,000

miles of transmission and distribution lines; as part of the 2016 acquisition of Pepco Holdings, Atlantic City Electric joined the Exelon family of utilities  
\$1.24 billion (2020)

## **District of Columbia**

Potomac Electric Power Company (an Exelon subsidiary)  
(202) 872-2000  
\$2.15 billion (2020)

Washington Gas Light Company Inc.  
(703) 750-4440

Wendy Zelond - Sr. VP, Finance

the WGL family of companies — Washington Gas, WGL Energy, WGL Midstream and Hampshire Gas — are indirect, wholly-owned subsidiaries of AltaGas Ltd.; is a leading source for clean, efficient and diverse energy solutions; with activities and assets across the U.S., it provides options for natural gas, electricity, green power and energy services, including generation, storage, transportation, distribution, supply and efficiency  
\$1.23 billion (2020)

District of Columbia Water & Sewer Authority  
(202) 787-2000  
\$736.83 million (2020)

## **Florida**

Nextera Energy, Inc.  
(561) 694-4000

Rebecca J. Kujawa, Executive VP Finance & Chief Financial Officer  
Investor Relations

561-694-4697

[investors@nexteraenergy.com](mailto:investors@nexteraenergy.com)

proclaims to be the "world's largest producer of wind and solar energy"; owns and operates two businesses: Florida Power & Light (FPL), Florida's largest electric company, and NextEra Energy Resources (NEER), one of the world's largest

generators of renewable energy; it delivers it to more than 5.6 million residential customers in the state; and it generates almost 24,000 MW of energy via wind and solar sources; it operates one of the largest nuclear power fleets in the US with commercial nuclear power units in New Hampshire and Wisconsin; the company has assets in around 40 US states and four Canadian provinces  
\$18.00 billion (2020)

...V...

Florida Power & Light Company Inc.

the largest producer of solar in Florida and is in the midst of one of the largest solar expansions in the U.S.; a subsidiary of utility holding company NextEra Energy, which serves more than 5.6 million electricity customers in eastern and southern Florida; it has one of the cleanest power plant fleets across the US; is committed to reducing its waste footprint across its fleet and actively seeks opportunities to identify and implement recycling and reuse programs

Florida Power & Light Company Inc. (a subsidiary of NextEra Energy Resources, LLC *infra*)

(561) 694-4000

\$11.66 billion (2020)

...V...

Gulf Power Company (subsidiary of Florida Power & Light)

(800) 225-5797

998 employees, 462,900 customers; 4 plants with an interest in 2 others; 1,669 miles of transmission lines and 135 substations; continues to grow and is an active participant in the economic development arena; has nearly \$1.1 billion invested in its facilities

\$1 billion (2020)

...V...

Nextera Energy Services Holdings, LLC

(561) 691-7171

\$1.06 billion (2020)

...V...

Nextera Energy Partners, LP  
(561) 694-4000  
\$917.00 million (2020)

Duke Energy Florida, LLC  
(704) 382-3853  
\$5.19 billion (2020)

Progressive Energy Florida (Duke Energy Florida, LLC\*, a subsidiary of Duke Energy) one of the largest electric power holding companies in the United States, providing electricity to 7.7 million retail customers in six states; has approximately 51,000 megawatts of electric generating capacity in the Carolinas, the Midwest and Florida - and natural gas distribution services serving more than 1.6 million customers in Ohio, Kentucky, Tennessee and the Carolinas; the commercial business owns and operates diverse power generation assets in North America, including a portfolio of renewable energy assets

\* the utility transmits and distributes electricity to 1.6 million customers and oversees 10,025 MW of generating capacity from interests in 14 nuclear and coal-, oil-, and gas-fired power plants; it also purchases about 20% of the energy it provides; it operates 5,100 miles of transmission lines and 52,000 miles of overhead and 18,700 miles of underground distribution cable; it also has 500 electric substations; also sells wholesale power to other utilities and marketers

\* Investor Relations: 704.382-3853, <https://www.duke-energy.com/our-company/investors/investors-contact-us>

...V...

Florida Progress Corporation (a Duke Energy subsidiary)  
(704) 382-3853

a diversified holding company with more than 40 subsidiaries. Its primary subsidiary, Florida Power Corporation, is Florida's second-largest utility, supplying electricity in 32 counties with 375 municipalities  
\$5.19 billion (2020)

Esi Energy, LLC (a subsidiary of NextEra Energy - delete)  
(561) 691-7171  
\$4.41 billion (2020)

Teco Energy, Inc.

(813) 228-1111

a global leader in the design, manufacture and service of technology-based solutions for the upstream energy industry and is focused on bringing cost-saving technology to the oil and gas drilling industry

\$3.75 billion (2020)

Tampa Electric Company (subsidiary of TECO Energy - a unit of Canada's Emera)

(813) 228-1111

Greg Blunden, Sr. VP, Finance & Accounting and Chief Financial Officer

transmits, purchases and distributes electricity in West Central Florida; provides electric service to about 779,000 customers; also serves some 406,000 gas customers through its gas operations; has built solar farms 544 acres, 106 acres, 447 acres, 487 acres and 500+ acres - the state's top producer of solar energy per customer, and on a mission to power even more homes; has an eMobility charging solutions

\$2.27 billion (2020)

Jacksonville Electric Authority

(904) 665-6000

Ted Phillips, CFO

community-owned, not-for-profit utility provides electricity to 438,000 customers in Jacksonville and surrounding areas in northeastern Florida; owns an electric system with five primarily fossil-fueled generating plants; also gets 12.8 MW of generating capacity from two methane-fueled landfill plants; it also resells electricity to other utilities, including NextEra Energy; and it also provides water and wastewater services - 321,600 water customers and 247,500 wastewater customers

\$1.79 billion (2020)

Seminole Electric Cooperative, Inc.

(813) 963-0994

Jo Ann Fuller, Vice President & Chief Financial Officer

generates and transmits electricity for 10 member distribution cooperatives that serve 1.4 million residential and business customers in 42 Florida counties; has more than 3,350 MW of primarily coal-fired generating capacity; also buys

electricity from other utilities and independent power producers, and it owns 350 miles of transmission lines  
\$1.08 billion (2018)

South Florida Water Management District Leasing Corp.

(561) 686-8800

Chauncey Goss, Chairman

manages the water resources in the southern half of the state, covering 16 counties from Orlando to the Florida Keys and serving a population of 9 million residents

\$720.00 million (2020)

Nextera Energy Capital Holdings, Inc.

(561) 694-6311

\$538.22 million

## Georgia

Southern Company

404-506-5000

Dan Tucker, Executive VP & Chief Financial Officer

Investor Relations

<https://investor.southerncompany.com/news-and-resources/information-request/default.aspx>

owns and operates regulated utilities Alabama Power, Georgia Power, and Mississippi Power and Southern Power, which serve nearly 4.3 million electricity customers in the southeastern US; through its Southern Company Gas subsidiary, the utility also distributes natural gas through more than 75,500 miles of pipeline to about 4.5 million customers in four states; its energy sources include natural gas, coal, nuclear, and renewables

\$20.4 billion 2020

...v...

Georgia Power

Dan Tucker, Executive VP, Chief Financial Officer & Treasurer

\$8.3 billion 2020

the largest subsidiary of Southern Company, one of the nation's largest generators of electricity

...v...?

Southern Company Gas  
(404) 584-4000  
\$3.43 billion

GE Grid Solutions (GE Energy Management Services, LLC)  
(678) 844-6000 d&b  
(678) 844-6777

provides power utilities and industries worldwide with equipment, systems and services to bring power reliably and efficiently from the point of generation to end power consumers. Grid Solutions is focused on addressing the challenges of the energy transition by enabling the safe and reliable connection of renewable and distributed energy resources to the grid.; seeking to increase by 60% renewable and hydropower by 2025; over 13,000 employees  
\$2.12 billion (2020)

NRG Americas, Inc. (a subsidiary of Genon, Texas)  
(678) 579-5000  
\$1.88 billion (2020)

Southern Power Company (a subsidiary of Southern Company)  
(404) 506-5000

provides power for the burgeoning population in the South. The company owns, builds, acquires and markets energy in the competitive wholesale supply business; it develops and operates independent power plants in the southeastern US. The company, which is part of Southern Company's generation and energy marketing operations, has more than 10,500 MW of primarily fossil-fueled facilities generating capacity operating or under construction in Alabama, California, Florida, Georgia, Nevada, North Carolina, Texas, and New Mexico; it's electricity output is marketed to wholesale customers in the region; it is growing by acquiring and developing solar power facilities  
\$1.73 billion (2020)

Atlanta Gas Light Company  
(630) 388-2781  
Pedro Cherry, President & CEO

provides natural gas delivery service to more than 1.6 million customers in Georgia; the largest natural gas distribution utility in the Southeast; operates and maintains the infrastructure that delivers the gas to customers of certified natural gas marketers; has undertaken a variety of initiatives to improve and expand infrastructure in underserved Georgia communities  
\$1.30 billion (2020)

Cobb EMC (Cobb Electric Membership Corporation)  
(770) 429-2100

the utility distributes electricity to more than 200,000 meters (more than 177,000 residential, commercial, and industrial members) in Cobb County and four other north metro Atlanta counties; it operates about 10,000 miles of power lines; the company's Gas South unit markets natural gas to customers who receive their service on Atlanta Gas & Light's natural gas distribution pipelines in Georgia  
\$802.43 million (2020)

Colonial Group, Inc. (a subsidiary of Hull & Company, LLC which is a subsidiary of Brown & Brown, Inc.)  
(800) 944-3835

brags being one of the largest privately held companies in the United States; have grown steadily expanding into new markets and cultivating business relationships that span the globe; presides over an empire of oil and gas and shipping-related assets in the southeastern US; providing storage and distribution services for liquid and dry bulk products including bulk chemicals, motor fuels, industrial fuel oil and retail gas; it also provides ship bunkering, commercial shipping and tug and barge services and much more  
\$660.16 million (2020)

Jackson EMC (Jackson Electric Membership Corporation)  
(706) 367-5281

info@jacksonemc.com

David Cleveland, Director, Business Development

(706) 367-6621

dcleveland@jacksonemc.com

distributes electricity to more than 197,800 individual customers (more than 210,200 meters) in 10 counties around Atlanta and in northeastern Georgia; one of the largest nonprofit power cooperatives in the US and the largest electric cooperative in Georgia; it is owned by its members. The cooperative's generation

and transmission partners include Oglethorpe Power Corp., Georgia Systems Operation and Georgia Transmission Corp  
\$585.57 million (2020)

## **Hawaii**

HEI (Hawaiian Electric Industries, Inc.)

(808) 543-5662

Tayne S. Y. Sekimura, Sr. VP & Chief Financial Officer

Investor Inquiries

(808)-543-5874

[ir@hei.com](mailto:ir@hei.com)

delivers energy in the Hawaiian Islands while running a profitable banking, electric utility and infrastructure investment businesses subsidiary; it operates two regulated utility companies that provide electricity for approximately 95% of Hawaii residents mainly in Oahu, Hawaii, Maui, Lanai and Molokai; The utilities serve more than 460,000 customers across all islands except Kauai and generate the bulk of HEI's revenue; it also runs one of the state's largest financial institutions - banking serves both consumer and commercial customers and operates nearly 50 branches on the islands of Oahu, Maui, Hawaii, Kauai and Molokai; Pacific Current is our newest subsidiary, and a powerful investment platform focused on accelerating Hawaii's sustainable future; through Pacific Current we are able to invest in projects that advance Hawaii's ambitious environmental and economic goals

\$2.58 billion (2020)

Hawaiian Electric Company Inc.

(808) 543-7771

\$2.27 billion (2020)

## **Idaho**

IDACORP Inc.

Investor Contact

Justin S. Forsberg, Director of Investor Relations & Treasury

208-388-2728

[JForsberg@idacorpinc.com](mailto:JForsberg@idacorpinc.com) or [JForsberg@idahopower.com](mailto:JForsberg@idahopower.com)

provides electric utility service to approximately 572,000 retail customers in southern Idaho and eastern Oregon; its principal commercial and industrial customers are involved in food processing, electronics and general manufacturing, agriculture, health care, government and education; the utility's generation assets include more than 15 hydroelectric plants, three gas-fired plants and stakes in three coal-fired plants; other businesses include the independent power project developer IDA-WEST ENERGY  
\$1.35 billion 2020

...V...

Idaho Power Company  
(208) 388-2200

provides electric utility service to retail customers in southern Idaho and eastern Oregon; the utility provides electricity to approximately 572,000 residential, commercial and industrial customers over some 4,830 miles of transmission and about 27,970 miles distribution lines; it holds franchises in over 70 cities in Idaho and seven in Oregon; it also owns power plant interests that give it a generating capacity of over 3,540 MW  
\$1.35 billion (2020)

Clearwater Power  
(208) 743-1501  
\$206 million 2020

## Illinois

Exelon Corporation  
(800) 483-3220  
Investor Relations  
Emily Duncan, Vice President?  
(312) 394-2345  
Emily.Duncan@exelongcorp.com  
Allison Monacelli, Senior Manager  
allison.monacelli@exelongcorp.com

with high-powered energy generation and extensive electricity delivery; the utility holding company does enough of both to be designated one of the largest in the US; its Exelon Generation subsidiary holds power-generating assets of almost 31,000 MW (some 20,000 MW is produced at about 25 nuclear plants); it distributes

electricity and gas to 10 million customers in Illinois, Maryland, the District of Columbia, Delaware, New Jersey and Pennsylvania through its regulated utility companies; its Constellation subsidiary provides energy products and services to about 2 million residential, public sector and business customers  
\$33.04 billion (2020)

...V...

Exelon Energy Delivery Company, LLC  
(312) 394-7399  
\$6.16 billion (2020)

Ameren  
Eric Whitfield, Sr. Manager, Economic Development  
314.422.7549  
Investor Inquiries  
314.554.3502  
invest@ameren.com  
Joseph A. Bilkey, Manager, Investor Services  
jbilkey@ameren.com  
provides the power that lights much of Illinois and Missouri; as the sole distributor in its service region, the holding company distributes electricity to 2.4 million customers and natural gas to 900,000 customers through regulated utility subsidiaries Union Electric (which does business as Ameren Missouri) and Ameren Illinois; it has generating capacity of more than 10,100 megawatt of primarily coal-fired power, most of which is owned by Ameren Missouri; it supplements its customers' electricity needs by purchasing additional electricity from third parties  
JWhitfield@ameren.com  
\$5.79 billion 2020

...V...

Ameren Illinois Company  
(618) 343-8150  
brings gas and electric services to customers; the Ameren subsidiary operates a rate-regulated electric and natural gas transmission and distribution business in Illinois, serving more than 1.2 million electricity and 806,000 natural gas customers in 85 of Illinois' 102 counties; the multi-utility has a service area of 43,700 square miles; it operates 4,500 miles of transmission lines, 45,400 miles of

power distribution lines and 18,000 miles of gas transmission and distribution mains; and also has 12 underground natural gas storage fields  
\$2.54 billion (2020)

ComEd (subsidiary of Exelon Company supra)

1-877-426-6331

Jeanne M. Jones, Sr. VP, Chief Financial Officer & Treasurer

poised to reap annual profits of \$1 billion by 2023

does not own power plants and does not make electricity; rather deliver electricity to homes and businesses; manage more than 90,000 miles of power lines in an 11,400-square-mile territory

Ottawa Acquisition, LLC (a Southern Company subsidiary)

(888) 642-6748

<https://investor.southerncompany.com/news-and-resources/information-request/default.aspx>

provide efficient natural gas solutions for approximately 4.3 million customers through our regulated distribution companies in four states; serve 666,000 retail customers through our companies that market natural gas; also has large pipeline investments, including a joint venture with Southern Natural Gas and a partnership in several new pipelines designed to transport natural gas out of the Marcellus shale, the largest gas-producing region of the country, to the East Coast - these investments provide our own utilities and others with greater access to this significant resource; in addition to owning our own compressed natural gas (CNG) fleet, we build and maintain CNG fueling stations for customer fleets and develop public access stations in some states; it also own a wholesale service business that manages physical natural gas assets across the U.S. Our family of companies offers expertise and market knowledge to help wholesale clients manage its natural gas assets and needs more effectively

\$1.56 billion (2020)

Northern Illinois Gas Company (a subsidiary of Nicor Gas)\*

(630) 983-8676

\* Meena Beyers, Vice President, Business & Community Development

<https://www.nicorgas.com/contact-us/send-us-email.html>

the largest natural gas distribution company in Illinois; delivers natural gas to 2.2 million residential, public sector and business customers in more than 650

communities throughout northern Illinois; 2,000 employees constructing, operating, maintaining and inspecting its nearly 34,000-mile distribution system  
\* the largest natural gas distribution company in Illinois  
\$1.45 billion (2020)

Peoples Gas (The Peoples Gas Light and Coke Company, a subsidiary of WEC Energy Group)\*

(312) 744-7000

\* Xia Liu, Executive VP & Chief Financial Officer

one of the nation's largest electric generation and distribution and natural gas delivery holding companies, with the operational expertise and financial resources to serve the Midwest's energy needs; provides energy services to more than 4.6 million customers in Wisconsin, Illinois, Michigan and Minnesota; its combined assets allow operating efficiencies across 71,000 miles of electric distribution lines, 51,400 miles of natural gas distribution and transmission lines and 7,700 megawatts of power capacity; subsidiaries include We Energies, Wisconsin Public Service, Peoples Gas, North Shore Gas, Minnesota Energy Resources, Michigan Gas Utilities, Upper Michigan Energy Resources, Bluewater Gas Storage and W.E. Power, LLC - designs, builds and owns modern, efficient power plants that are leased to We Energies and WEC Infrastructure LLC

\$1.18 billion (2019)

Metropolitan Water Reclamation District of Greater Chicago

(312) 751-5600

Mary Ann Boyle, Treasurer

responsible for treating wastewater and providing storm water management for residents and businesses in its service area, which encompasses 882.1 square miles and includes Chicago and 128 suburban communities throughout Cook County. The MWRD serves approximately 10.35 million people each day, including 5.25 million residents

\$782.27 million (2020)

Invenergy LLC

(312) 224-1400

<https://invenergy.com>

Meghan Schultz, EVP, Finance & Capital Markets, Jim Shield, Sr. EVP & Development Business Leader, Paul Abitante, EVP, International Development and Mick Baird, EVP, North American Development

a leading privately held, global developer and operator of sustainable energy solutions - has developed 187 projects across four continents - 8,460,603 homes powered by energy it generates; operates more than 25,000 MW of energy generating facilities in the US, Europe and Canada; it builds, develops and buys energy producing properties, with a focus on developing wind energy capacity; it also uses natural gas to produce energy from facilities in the US and Canada and has plans to enter the solar energy market as well; it has offices in the US, Poland, and the UK; involved in wind, solar, storage, natural gas and clean water  
\$679.63 million (2020)

## Indiana

Duke Energy Indiana, LLC (a subsidiary of Duke Energy)  
Steven K. Young, Executive VP & Chief Financial Officer  
Investor Relations  
800.488.3853

Indiana's largest utility, it transmits and distributes electricity to 69 of the state's 92 counties (approximately 790,000 customers); it also owns power plants (about 7,000 MW of primarily fossil-fueled capacity), which are operated by its parent's merchant energy division; it operates about 31,000 miles of distribution lines and a 5,400-mile transmission system  
\$23.9 billion 2020

American Electric Power New Haven (a subsidiary of American Electric Power)\*  
\*Rhonda Owens-Paul, Investor Relations  
614-716-2819  
rkowens-paul@aep.com  
also in Kentucky, Oklahoma, Indiana, Ohio,  
\$14.9 billion 2020

Northern Indiana Public Service Company (a subsidiary of NiSource - Nipsco)\*  
Rick Calinski, Director, Public Affairs and Economic Development  
219-647-4066  
rcalinski@NiSource.com  
has more than 457,000 electricity customers and more than 786,000 natural gas customers; the utility has three coal-fired power plants; it generates, transmits and distributes electricity to the northern part of Indiana and engages in electric wholesale and transmission transactions; it operates approximately 13,000 miles of electric transmission and distribution lines and 16,000 miles of gas mains

\* more than 1.2 million customers across northern Indiana; serves more than 821,000 natural gas customers and 468,000 electric customers across the northern third of Indiana; it's the largest natural gas distribution company and the second largest electric distribution company in the state; investing millions each year to provide safe, reliable natural gas and electric service by expanding our system and replacing aging facilities; 2,000 employees; currently own and operate two hydroelectric plants Rick Calinski, Director, Public Affairs & Economic Development  
\$42.26 billion (2020)

Nisource Inc.

(877) 647-5990

Donald Brown, Executive VP & Chief Financial Officer

manages rate-regulated natural gas and electric utility companies operating in more than half a dozen US states, primarily in the Northeast and Mid-Atlantic regions; one of the nation's largest natural gas distributors, serving some 3.5 million customers and operating about 60,000 miles of natural gas pipeline; also provides electricity to more than 470,000 customers via power plants; its primary operating subsidiaries include NiSource Gas Distribution Group and NIPSCO  
\$4.68 billion (2020)

Northern Indiana Public Service Company LLC (NIPSCO subsidiary)

(800) 464-7726

\$2.26 billion (2020)

Duke Energy Indiana, LLC (a subsidiary of Duke Energy)

(704) 382-3853

\$15.85 billion (2020)

Vectren Corporation (a subsidiary of Centerpoint Energy)\*

(812) 491-4000

\*Investor Contact

Phil Holder, Sr. VP, Strategic Planning & Investor Relations

<https://investors.centerpointenergy.com/contact-us>

through its utility subsidiaries Indiana Gas Company (or Vectren North), Southern Indiana Gas and Electric (SIGECO or Vectren South) and Vectren Energy Delivery of Ohio (VEDO) the company distributes natural gas to more than 1 million business and residential customers in the two states; it also distributes electricity to about

144,000 customers and almost 1,300 MW of primarily coal-fired generating capacity in Indiana; its other non-regulated businesses include management services and utility infrastructure construction

\* its renewable energy sources generate enough energy to power more than 35,000 homes, or nearly 25% of its residential customers, per year; it purchases wind power from Fowler Ridge Wind Farm and Benton County Wind Farm, both in Benton County, Indiana; generate electricity by capturing gas emitted from decomposing trash and using it as a fuel source to power two generators; has two universal solar projects

\$2.66 billion (2017)

...V...

Vectren Utility Holdings, Inc.

(812) 491-4000

\$1.38 billion (2017)

...V...

Southern Indiana Gas & Electric Company

(812) 424-6411

\$654.00 million (2020)

...V...

Indiana Gas Company, Inc.

(812) 491-4000

\$603.75 million (2020)

AES Indiana (affiliated with The AES Corporation)\*

(317) 261-8261

Gustavo Garavaglia, Chief Financial Officer

through its regulated utility unit, Indianapolis Power & Light (IPL), the company generates, transmits and distributes electricity to about 470,000 customers in central Indiana; most of its power is generated from coal-burning plants; it provides wholesale power to the regional power grid operator at market rates

\* a Fortune 500 global energy company providing affordable, sustainable energy solutions to 14 countries on four continents, Rebecca Halford, Business Development - she seeks out new opportunities to bring AES energy services to a variety of regions across the United States - from New York to Hawaii; <https://www.aes.com/contact-us>

\$1.35 billion (2020)

Citizens Energy Group

(317) 924-3341

the regional utility provides water and wastewater services to 300,000 customers in Indianapolis; serves more than 266,000 gas customers; also provides steam heating and chilled water cooling services to about 250 customers through Citizens Thermal Energy.; also has a small oil production unit (Citizens Oil Division); its Citizens Resources unit has joint venture stakes in some companies not regulated by the Indiana Utility Regulatory Commission, such as ProLiance Energy; each year it invests hundreds of millions of dollars in its utility systems

\$711.45 million (2020)

Wabash Valley Power Association Inc.

(317) 481-2800

Brian Anderson, Director of Economic Development

<https://www.wvpa.com/for-economic-development-officers>

a not-for-profit generation and transmission electric cooperative serving an alliance of 23 member distribution co-ops in Indiana, Illinois and Missouri—who power more than 325,000 homes, schools and businesses; the 17th largest generation and transmission cooperative in the US

\$643 million (2019)

## Iowa

Berkshire Hathaway Energy

Calvin D. Haack, Sr. VP & Chief Financial Officer

Alicia R. Knapp, President and CEO, BHE Renewables

[info@brkenenergy.com](mailto:info@brkenenergy.com)

<https://www.brkenenergy.com/about-us/contact.aspx>

delivers safe, reliable service each day to more than 11.8 million customers and end-users worldwide, with approximately 43% of our owned and contracted generating capacity coming from renewable and noncarbon sources; through December 31, 2020, it spent \$34 billion on renewable energy and has made commitments to spend an additional \$3 billion by 2022

\$20.9 billion 2020; assets of \$109.2 billion

...V...

Ppw Holdings LLC  
(515) 242-4300  
\$7.16 billion (2020)

MidAmerican Energy  
888-427-5632

Thomas Specketer, VP & Chief Financial Officer  
collaborates with Berkshire Hathaway Energy; wind, solar, hydro, geothermal, natural gas; serves the energy needs of more than 1.5 million customers in Iowa, Illinois, Nebraska and South Dakota; has invested approximately \$13 billion in wind energy projects across Iowa. We currently have more wind generation capacity than any other investor-owned utility in the United States. And in 2020, we delivered 83.6% of our Iowa customers' annual energy needs with renewable sources.  
\$8.8 million (2020)

Alliant Energy Corporation  
Robert Durian, VP & CFO  
Zac Fields, Lead Investor Relations Analyst  
786-8146

[InvestorRelations@AlliantEnergy.com](mailto:InvestorRelations@AlliantEnergy.com)  
<https://alliantenergy.gcs-web.com/shareholder-services/information-request>  
is the parent of two regulated utility companies, Interstate Power and Light and Wisconsin Power and Light, which together serve approximately 970,000 electricity customers and approximately 420,000 natural gas customers in Iowa and Wisconsin; in addition to providing retail energy, the utilities sell wholesale electricity in Iowa, Illinois, and Minnesota; owns and operates several wind farms - from 2016 through 2020, it invested more than \$2 billion in wind generation facilities; own and operate several wind farms throughout our service area, and purchase power from many more. From 2016 through 2020, Alliant Energy is investing more than \$2 billion in wind generation facilities; has hydroelectric power generation capacity that is more than 100 years old  
\$3.42 billion (2020)

Mhc Inc. (subsidiary of Mid-American Energy)\* (affiliated with Berkshire Hathaway Energy)  
(515) 242-4300  
\* Thomas B. Specketer, VP & Chief Financial Officer

serves the energy needs of more than 1.5 million customers in Iowa, Illinois, Nebraska and South Dakota; has invested approximately \$13 billion in wind energy projects across Iowa; currently had more wind generation capacity than any other investor-owned utility in the United States; serves the energy needs of more than 1.5 million customers in Iowa, Illinois, Nebraska and South Dakota; To finance a portion of its renewable energy development in Iowa, it has issued green bonds to investors totaling \$4.4 billion

\*\* works collectively with the Berkshire Hathaway Energy family of businesses to support its broader sustainability goal to achieve net-zero greenhouse gas emissions; this approach centers around making reductions now, delivering on commitments to increase renewables, investing in transmission infrastructure, and using proven technologies while continuing to explore innovative ways to allow the use of existing fossil resources in a more carbon friendly way  
\$2.87 billion (2020)

...v...

MidAmerican Funding, LLC  
(515) 242-4300  
\$2.73 billion (2020)

...v...

MidAmerican Energy Company  
(515) 242-4300  
\$2.72 billion (2020)

## Kansas

Evergy Inc. (HQ in Missouri)\*

\*Kirkland Andrews, Executive VP & Chief Financial Officer

Lori Wright, Vice President, Corporate Planning, Investor Relations and Treasurer  
(816) 556-2506

lori.wright@evergy.com

Cody VandeVelde, Director, Investor Relations  
(785) 575-8227

cody.vandavelde@evergy.com

a public utility holding company primarily engaged in providing electric services in combination with other services; operates through a wholly-owned direct subsidiaries such as Evergy Kansas Central, (serves 716,200 customers located in

central and eastern Kansas) and Evergy Metro approximately 558,200 customers located in western Missouri and eastern Kansas). Customers for Evergy Kansas Central Inc. includes residences 493,300), commercial firms (about 63,000), industrials (around 2,000), municipalities and other electric utilities; adding 700 MW of solar energy and four new wind sites by 2045

Kansas City Power & Light (and Westar Energy subsidiaries of Evergy Inc. which has a focus on renewables)  
\$4.91 billion (2020)

Evergy Inc.  
(785) 556-2200  
\$4.91 billion (2020)

Westar Energy Inc.  
(785) 575-1593  
a public utility holding company headquartered in Kansas City, Missouri, primarily engaged in providing electric services in combination with other services  
\$1.42 billion (2019)

Tallgrass Pxp Holdings, LLC  
(913) 928-6060  
\$852.27 million (2020)

Tallgrass Energy Partners, LP  
(913) 928-6060  
Investor Relations  
(913) 928-6012  
[investor.relations@tallgrassenergy.com](mailto:investor.relations@tallgrassenergy.com)  
a midstream energy company, transporting crude oil and natural gas from some of the nation's most prolific basins in the Rocky Mountains, Upper Midwest and Appalachian regions with access to major demand markets in the Rockies, the Midwest, eastern Ohio and points beyond; built a strong portfolio of integrated transportation, storage, terminal, water management, gathering, processing and treating assets; owns and operates more than 8,300 miles of natural gas pipeline,

more than 850 miles of crude pipeline and more than 350 miles of water pipeline across a broad portion of the U.S.  
\$655.90 million (2016)

## Kentucky

LKE (LG&E and Ku Energy LLC; a PPL subsidiary)\*  
(502) 627-2000

Kent W. Blake, CFO

serves more than 1.3 million customers including 332,000 natural gas and 425,000 electric customers in Louisville and 16 surrounding counties; plus 564,000 customers in 77 Kentucky counties and five counties in Virginia; its natural gas system is made up of more than 4,700 miles of natural gas transmission and distribution lines; recycling the by-products left over from the power generation process; integrating sustainability into every part of our operations and through customer partnerships

\* Investor Relations: Andy Ludwig, VP - Investor Relations, 610-774-3389.  
invrel@pplweb.com  
\$3.11 billion (2020)

...V...

Kentucky Utilities Company Inc.  
(502) 627-2000

generates and distributes electricity to more than 485,250 industrial and residential customers; serves about 30,000 customers in five Virginia counties  
\$1.69 billion (2020)

...V...

Louisville Gas and Electric Company  
(502) 627-2000  
\$1.69 billion (2020)

...V...

LG&E and Kentucky Utilities

John Bevington, Director, Business and Economic Development  
502-627-4335

<https://lge-ku.com/our-company/economic-development/contact-john-bevington>

Boardwalk Pipelines Holding Corp.

(270) 926-8686

<https://www.bwpipelines.com/contact-us/default.aspx>

Stan Horton, President & CEO

a limited partnership operating in the midstream portion of the natural gas and natural gas liquids industry, providing transportation and storage services for our customers; nearly 14,000 miles of pipe across the central and eastern United States; owns and operates liquids pipelines in Louisiana and Texas and has over 30 MMbbls of liquids storage capacity in Louisiana

\$1.31 billion (2020)

Big Rivers Electric Corporation

(270) 827-2561

Robert Berry, President & CEO

a member-owned, not-for-profit, generation and transmission cooperative (G&T) headquartered in Henderson, Kentucky. We are owned by three member cooperatives that distribute retail electric power to more than 121,000 homes, farms, businesses and industries across 22 counties in western Kentucky; supplies the wholesale power needs of the member cooperatives and markets surplus power to non-member utilities and power markets

\$534.69 million (2020)

## Louisiana

Entergy Corporation (HQ)

(504) 576-4000

William "Bill" Abler, Vice President, Investor Relations

504-576-3097

[wabler@entergy.com](mailto:wabler@entergy.com)

Anne Kulakowski, Director, Investor Relations

504-576-6674

[akulako@entergy.com](mailto:akulako@entergy.com)

the integrated utility holding company's subsidiaries distribute electricity to some 2.9 million customers in four southern states (Arkansas, Louisiana, Mississippi, and Texas) and provide natural gas to about 200,000 customers in Louisiana; it owns power plants that have a combined generating capacity of about 30,000 MW, including approximately 9,000 MW of nuclear power; also provides ownership,

operation and decommissioning of nuclear power plants in the northern US; its regulated utilities have little retail competition as they are deemed by state regulators as the sole providers of electricity in their service areas  
\$10.11 billion (2020)

...v...

Entergy Utility Assets, LLC  
(504) 576-4000  
\$4.30 billion (2020)

...v...

Entergy Louisiana Holdings, Inc.  
(504) 840-2734  
\$4.30 billion (2020)

...v...

Entergy Louisiana, LLC  
(504) 576-4000  
\$4.07 billion (2020)

Aep Southwestern Electric Power Company (a subsidiary of Ohio's American Electric Power)  
1.888.216.3523  
(614) 716-1000  
\$1.74 billion (2020)

Cleco Corporate Holdings LLC  
318-484-7400 Corporate Holdings office  
Kristin Guillory, Chief Financial Officer  
the holding company's utility unit, Cleco Power, generates, transmits and distributes electricity to approximately 288,000 residential and business customers; it has a net generating capacity of about 3,360 MW from its interests in ten fossil-fueled power plants; it also purchases power from other utilities and energy marketers and sells some excess power to wholesale customers; Cleco Cajun is an unregulated electric utility that owns eight generating assets and supplies wholesale power and capacity in Arkansas, Louisiana and Texas

\$1.50 billion (2020)

...v...

Cleco Power LLC  
(318) 484-7400  
\$1.03 billion (2020)

Louisiana Generating LLC (a subsidiary of Texas NRG Energy)  
(609) 524-4500  
\$1.03 billion (2020)

Entergy Utility Group, Inc. (a subsidiary of Louisiana's Entergy)  
(504) 670-3700  
\$717.39 million (2018)

Entergy New Orleans, LLC (a subsidiary of Louisiana's Entergy)  
(504) 670-3700  
\$633.84 million (2020)

## **Maine**

CMP (Central Maine Power Company)  
website not accessible a 2<sup>nd</sup> time  
the company, a subsidiary of utility holding firm Avangrid, itself a unit of Spanish powerhouse IBERDROLA, provides regulated power services to more than 612,700 residential and business customers (80% of Maine's population); it allows nonregulated retail electric providers to supply power to customers over its transmission and distribution grid  
\$33 billion 2020

...v...

Central Maine Power Company Inc.  
(207) 623-3521  
\$792.64 million (2019)

Versant Power (subsidiary of Canadian utility Enmax)  
207-973-2000  
Kris Chahley, Vice President, Finance & Treasurer  
Entergy Utility Holding Company, LLC (a subsidiary of Louisiana's Entergy)  
(504) 576-4000  
\$4.70 billion (2020)

## **Maryland**

Baltimore Gas & Electric (subsidiary of the Exelon Corporation)  
Business: 1-800-265-6177  
<https://bge.custhelp.com/app/ContactUs>  
David Vahos, Sr. VP & Chief Financial Officer  
Maryland's largest gas and electric utility; provides service to more than 1.2 million electric customers and more than 650,000 natural gas customers in central Maryland; BGE employs 3,100 people  
\$3.10 billion 2020

FirstEnergy Corp.  
K. Jon Taylor, Sr. VP & Chief Financial Officer  
Investor Relations  
800-736-3402  
[firstenergy@amstock.com](mailto:firstenergy@amstock.com)  
includes one of the nation's largest investor-owned electric systems, approximately 24,000 miles of transmission lines that connect the Midwest and Mid-Atlantic regions; its 10 regulated distribution companies form one of the nation's largest investor-owned electric systems, based on serving 6 million customers in the Midwest and Mid-Atlantic regions. Stretching from the Ohio-Indiana border to the New Jersey shore, the companies operate a vast infrastructure of more than 269,000 miles of distribution lines; controls approximately 3,569 megawatts from regulated scrubbed coal and hydro facilities in West Virginia and Virginia  
\$10.79 billion 2020

Constellation Energy Nuclear Group, LLC  
(410) 783-2800  
\$1.08 billion (2020)

Constellation Energy Resources, LLC (a subsidiary of Exelon)

(410) 470-2800

Shane Smith, Vice President, Finance

providing power, natural gas, renewable energy, and energy management products and services for homes and businesses across the continental United States; approximately 2 million residential, public sector and business customers; on February 24, 2021, Exelon Corporation announced that its Board of Directors has approved a plan to separate Exelon Utilities and Exelon Generation, which includes Constellation, into two independent, publicly traded companies; its renewables portfolio includes only solar

\$677.54 million (2020)

## **Massachusetts**

National Grid USA

1-800-930-5003

John Pettigrew, Chief Executive (Massachusetts)

transmission and distribution of gas and electricity; also in the UK; its National Grid Ventures - develops, operates and invests in energy projects, technologies and partnerships to accelerate the development of our clean energy future - includes sub-sea electricity interconnectors, liquefied natural gas, battery storage, wind and solar power

more than 20 million customers throughout New York, Massachusetts and Rhode Island

\$19.53 billion 2019

...v...

National Grid USA

(781) 907-1000

\$9.53 billion (2020)

...v...

National Grid USA Service Company, Inc.

(800) 260-0054

\$992.39 million (2020)

Nstar Electric Company (a Connecticut Eversource Energy subsidiary)  
(617) 424-2000

its electric transmission and distribution utility serves 1.1 million residential, commercial and industrial customers; it also sells wholesale power to municipal utilities in the area and it provides standard offer and default supply services to retail customers who choose not to purchase energy from competitive suppliers in the state's deregulated power market; its subsidiary Harbor Electric Energy distributes power to a Massachusetts Water Resources Authority wastewater treatment facility in Boston

\$2.94 billion (2020)

...v...

Nstar LLC  
(617) 424-2000  
\$1.74 billion (2020)

...v...

Nstar Electric & Gas Corporation  
(617) 424-2000  
\$1.46 billion (2020)

Massachusetts Electric (a subsidiary of National Grid)  
(781) 907-1000  
\$2.4 billion 2020

Veolia Water North America Operating Services, LLC (a regional unit of Veolia Environment)

(617) 849-6600

the company with nearly 179,000 employees worldwide and a part of the Veolia Water division, designs, builds and operates water and wastewater systems throughout North America; its facilities serve about 100 industrial facilities as well 550 communities and 14 million people through partnerships with municipalities or governments.; it treats more than 2.2 billion gallons of wastewater per day; it operates through public-private partnerships in which a community owns the water system's physical assets and sets rates and the company oversees the system's operations; in 2020, it supplied 95 million people with drinking water, 62 million

people with wastewater service, produced 43 million megawatt hours of energy and treated 47 million metric tons of waste; is pursuing the circular economy  
\$2.11 billion (2020)

...v...

Veolia Energy North America Holdings, Inc.  
(617) 849-6600  
\$606.01 million (2020)

Enel North America, Inc.  
(978) 681-1900 d&b  
617 224 9900

the North American arm of Italy's Enel Green Power S.p.A. owns and operates more than 70 renewable energy plants in 20 states and two Canadian provinces; its plants generate power through wind, hydropower, biomass and geothermal energy; its only biomass plant is located in Quebec, where it offsets 1 million tons of carbon dioxide by burning wood waste each year; nearly 3,400 North American energy customers spanning more than 10,000 sites have partnered with Enel X  
\$2.09 billion (2020)

Global Operating LLC (a subsidiary of Global Partners)  
(800) 542-0778  
Investor Relations  
Scott Solomon, SVP, Sharon Merrill Associates, Inc.  
617-542-5300  
glp@investorrelations.com

one of the region's largest independent owners, suppliers and operators of gasoline stations and convenience stores. Global also owns, controls or has access to one of the largest terminal networks in New England and New York, through which it distributes gasoline, distillates, residual oil and renewable fuels to wholesalers, retailers and commercial customers; also engages in the transportation of petroleum products and renewable fuels by rail from the mid-continental U.S. and Canada  
\$738.15 million (2020)

Entergy Nuclear Generation Company, LLC (a subsidiary of Louisiana's Entergy)  
(508) 830-7000

\$673.95 million (2020)

## Michigan

CMS Energy Corporation  
(517) 788-0550

the energy holding company's regulated utility subsidiary, Consumers Energy ...v..., serves 1.8 million electricity and 1.8 million natural gas customers; another subsidiary, CMS Enterprises, operates the non-utility operations and investments, and is an operator of independent power production; its independent power production (coal-, gas-, and solar, wood waste) are located in Michigan, North Carolina Ohio and Wisconsin

\$6.68 billion (2020)

...v...

Consumers Energy  
Valerie Christofferson, Director of Economic Development  
616-648-2777  
Valerie.Christofferson@cmsenergy.com

...v...

CMS Enterprises Company  
(517) 788-0550

a holding company with primarily independent power production operations; focus on independent power operations in the US; it has ownership stakes in nine generating plants, including the Dearborn Industrial Generation plant in Michigan, the Craven County Wood Energy Biomass plant in North Carolina, the Exeter Energy in Connecticut and the Honey Lake Facility in California

\$568.76 million (2020)

DTE Electric Company  
(313) 235-4000  
Investor Relations  
John Dermody, Manager  
(313) 235-8030  
investor\_relations@dteenergy.com

the utility generates and distributes electricity to 2.2 million customers in Michigan, mainly around Detroit with expansion north to Lake Huron and east to Ann Arbor and a natural gas utility serving 1.3 million customers in Michigan; primarily fossil-fueled, nuclear and hydroelectric power; it operates more than 46,000 circuit miles of distribution lines and owns and operates more than 670 distribution

\$5.51 billion (2020)

DTE Gas Company (natural gas utility subsidiary of DTE Energy)

(313) 235-4000

\$869.42 million (2020)

Michcon Pipeline Company (a subsidiary of DR Midstream)\*

(313) 256-5505

Jeff Jewell, CFO

\* Todd Lohrmann, Director - Investor Relations

investor\_relations@dtmidstream.com

313 402-8532

\* an owner, operator and developer of an integrated portfolio of natural gas midstream interstate pipelines, intrastate pipelines, storage systems, gathering lateral pipelines, gathering systems and compression, treatment and surface facilities. Based in Detroit, Michigan, it delivers clean, natural gas to gas and electric utilities, power plants, marketers, large industrial customers and energy producers across the Gulf Coast, Northeastern and Midwestern United States and into Canada

\$841.05 million (2020)

DTE Energy Resources, Inc. (a subsidiary of DT Energy)

(734) 302-4800

\$839.62 million (2020)

Semco Holding Corporation (a subsidiary of SEMCO Energy, Inc., an indirect wholly-owned subsidiary of AltaGas Ltd.)

(810) 987-2200

a regulated public utility that delivers natural gas to approximately 300,000 residential, commercial, and industrial customers in service territories in the southern half of the state's Lower Peninsula;

\$575.98 million (2020)

## Minnesota

XCEL Energy Inc. (on page 186 *supra*)

(612) 330-5500

Brian Van Abel, Executive P & Chief Financial Officer

Paul A. Johnson, Vice President, Treasurer & Investor Relations

(612) 215-4535

paul.a.johnson@xcelenergy.com

Emily Ahachich, Director - Investor Relations

(612) 330-6054

emily.a.ahachich@xcelenergy.com

New Business Customer contact info

energyefficiency@xcelenergy.com

a utility holding company distributing electricity to 3.7 million customers and natural gas to 2.1 million customers in eight states through its four regulated utilities: Northern States Power Minnesota, Northern States Power Wisconsin, the Public Service Company of Colorado, and Southwestern Public Service; Colorado and Minnesota account for most of the company's customers; it owns power plants and transmission and distribution lines as well as natural gas assets; it is investing in wind power and operates wind farms in Colorado, Minnesota and other states

\$11.53 billion (2020)

Clear Way Community Energy (a subsidiary of Clearway Energy, Inc.)\*

<https://clearwaycommunityenergy.com/who-we-are>

expertise includes planning & development, financing and acquisitions, operations and maintenance

\* a leading, publicly traded energy infrastructure investor that focuses on resilient, sustainable long-term contracted assets across North America; it operates an environmentally-sound portfolio that has over 7,000 megawatts of wind, solar and natural gas-fired power generation facilities, as well as district energy, combined heating and cooling and microgrids

(612) 436-4108

\$10.14 billion (2020)

Allete, Inc. (Minnesota Power is a subsidiary)

Investor Relations (Institutional Investors): 218-723-3952

most of its business is classified within its regulated operations, which include electric, gas and water utilities located in northeastern Minnesota and northwestern Wisconsin; those operations are conducted through subsidiaries Minnesota Power (approximately 145,000 retail customers) and Superior Water, Light and Power (some 15,000 electric, nearly 15,000 gas, and some 10,000 water customers); its other segment includes coal mining operations, emerging technologies related to electric utilities; its subsidiary BNI Energy operates a mine in North Dakota that supplies, primarily, two generating co-ops, Minnkota Power and Square Butte  
\$1.17 billion (2020)

XCEL Energy Inc. (see page 186 *supra*)  
(612) 330-5500  
\$11.53 billion (2020)

Northern States Power Company (a subsidiary of XCEL Energy; see page 186 *supra*)  
(612) 330-5500  
\$5.10 billion (2020)

Otter Tail Power Company  
218-739-8877  
<https://www.otpc.com/contact-us>  
Todd Wahlund, Chief Financial Officer  
electricity producer; generation mix includes coal-fired plants, hydroelectric plants, wind power, solar power and combustion turbines; it also purchases electricity from the Midcontinent Independent System Operator (MISO) energy market when buying it is cheaper than producing it; projects that by 2023 our customers will receive approximately 35% of their energy from renewable resources  
\$890.1 million 2020

Great River Energy  
(763) 445-5000  
a not-for-profit, a cooperative, wholesale electric power cooperative which provides electricity to 28 member-owner distribution and serving the approximately 700,000 members; the utility provides wholesale electricity to 1.7 million through 28 distribution cooperatives in Minnesota and Wisconsin; it

operates nearly 4,600 miles of transmission lines and has more than 3,500 MW of generation capacity that consists of a diverse mix of baseload and peaking power plants, including coal and natural gas as well as wind and solar generation facilities; it also owns or partially owns more than 100 transmission substations; it's the #2 electric utility in Minnesota in terms of generating capacity and one of the largest generation and transmission cooperatives in the US; exploring eMobility and its potential role in that market  
\$1.30 billion (2018)

## **Mississippi**

Entergy Mississippi, LLC (a subsidiary of Louisiana's Entergy)  
(601) 368-5000  
\$1.20 billion (2017)

Mississippi Power Company (a subsidiary of Southern Company)  
(228) 864-1211

Moses Feagin, Vice President, Chief Financial Officer  
the utility provides electric services to about 186,680 residential, commercial and industrial customers in the Magnolia State; it operates more than 6,890 miles of transmission and distribution; it also sells wholesale electricity to several Florida municipal and cooperative utilities and it offers energy conservation services; is actively engaged in finding practical large-scale renewable generation options - solar geothermal systems  
\$1.17 billion (2020)

## **Missouri**

Ameren (subsidiary of Ameren Corporation in Illinois)  
invest@ameren.com  
Joseph A. Bilkey, Manager, Investor Services  
jbilkey@ameren.com  
314.554.3502

the holding company distributes electricity to 2.4 million customers and natural gas to 900,000 customers through regulated utility subsidiaries; it has generating capacity of more than 10,100 megawatt of primarily coal-fired power; it supplements its customers' electricity needs by purchasing additional electricity from third parties  
\$5.79 billion (2020)

Evergy, Inc.

(816) 556-2200

Kirkland Andrews, Executive VP & Chief Financial Officer

Lori Wright, Vice President, Corporate Planning, Investor Relations and Treasurer

(816) 556-2506

lori.wright@evergy.com

Cody VandeVelde, Director, Investor Relations

(785) 575-8227

cody.vandavelde@evergy.com

a public utility holding company primarily engaged in providing electric services in combination with other services, with electric services as the major part though less than 95 percent of the total; it serves approximately 716,200 customers located in central and eastern Kansas and approximately 558,200 customers located in western Missouri and eastern Kansas adding 700 MW of solar energy and four new wind sites by 2045

\$4.91 billion (2020)

Union Electric Company (a subsidiary of Ameren in Illinois)

(314) 621-3222

the utility operates as Ameren Missouri and serves 1.2 million power customers and 130,000 gas customers; it owns about 3,270 miles of natural gas transmission and distribution mains and 33,000 of electric distribution lines (and 295 miles of power transmission lines); owns or has interests in nine power plants (primarily thermal) and it also engages in wholesale power transactions

\$3.11 billion (2020)

Core & Main LP

(314) 432-4700

Mark Witkowski, CFO

Investor Contact

Robyn Bradbury, VP, Investor Relations and FP&A

InvestorRelations@coreandmain.com

a leading distributor of water, sewer, storm drain and fire protection products in the United States - metering, treatment plan, storm drains, fusible piping, plumbing equipment; a network of 285 branch locations in 47 states; serve as a crucial link between 4,500 suppliers and 60,000 customers

\$2.04 billion (2020)

Spire Inc.

(314) 342-0500

one of the top publicly-traded natural gas utilities in the US. Serving more than 1.8 million customers, it sells regulated natural gas across the Midwest states of Missouri, Alabama and Mississippi through subsidiaries; over 60,900 miles of mains and service lines; its subsidiary provides energy marketing and related services to wholesalers and retail customers in the central and southern US region; it also owns some gas transportation and storage assets

\$1.86 billion (2020)

Eversource Energy, Inc. (a subsidiary of Eversource)

(816) 556-2200

\$1.71 billion (2020)

Eversource Energy Missouri West, Inc. (a subsidiary of Eversource)

(816) 556-2200

\$805.18 million (2020)

The Empire District Electric Company (a subsidiary of Canada's Algonquin Power & Utilities Corp.)

(417) 625-5100

the utility transmits and distributes electricity to a population base of more than 450,000 (about 217,000 customers in 13 states and 1 Canadian province; also supplies water to three Missouri towns and natural gas throughout most of the state; has interests in fossil-fueled and hydroelectric power plants

\$599.64 million (2019)

## Montana

Montana-Dakota Utilities Company (a subsidiary of MDU Resources Group, Inc. in North Dakota)

Customer Service: 800-638-3278

a large regional energy supplier that serves about 410,000 customers - electricity, natural gas generation, coal and renewables; committed to exploring future development in renewable energy sources, along with more traditional sources of energy generation; currently provides renewable energy generation to its customers through its investment in wind and waste heat recovery generation;

recently, solar energy has been moving to the forefront of discussion and it has been closely monitoring solar technology development and the potential to invest in community solar/utility grade solar generation  
\$5.53 billion 2020

#### Northwestern Energy

Travis Meyer, Director of Corporate Finance & Investor Relations Officer

(605) 978-2967

travis.meyer@northwestern.com

electric portfolio is built on the carbon-free hydro system along with wind, coal, gas and solar; coal and natural gas, or thermals, are reliable and resilient energy sources that can start up quickly whenever we need them; invested \$1 billion in clean energy in the last 5 years; its natural gas energy business includes production, storage, transmission and distribution in Montana, South Dakota and Nebraska

\$1.18 billion (2020)

#### Upper Missouri G & T Electric Co-Operative Inc.

(406) 433-4100

info@uppermo.com

provides service to 11 distribution cooperatives, 6 in eastern Montana and 5 in western North Dakota; serves farms, ranches, homes and businesses in 37 counties representing over 54,762 square miles

\$610.08 million (2020)

### Nebraska

#### Tenaska, Inc.

(402) 691-9500

Gregory A. Van Dyke, Chief Financial Officer

among the top 5 natural marketers in North America; has an extensive network of contracted pipeline and storage assets selling or managing 10.7 billion cu. ft. of natural gas a year through Marketing Ventures/Tenaska Marketing Canada (TMV); also a power producer, trading and marketing electricity including renewable energy; has the Strategic Development & Acquisitions Group - positioned to execute on high-value development acquisition or investment opportunities in power generation and energy assets; its Engineering & Operations Group provides conceptual engineering, manages construction and operates and maintain fleets in

the U.S. - it keeps an eye on the future by evaluating potential acquisitions and advanced technologies; has developed and built generation projects in wind, solar, natural gas in a variety of locations; has 698 employees  
\$8.40 billion (2020)

NPPD (Nebraska Public Power District)

1-877-275-6773

customerservice@nppd.com

Laura Kapustka, VP & Chief Financial Officer

a government-owned electric utility, the largest in the state, provides power in 86 of the state's 93 counties; operates more than 5,200 miles of transmission lines; distributes electricity to about 89,000 retail customers in 81 cities and towns; also provides power to about 1 million customers through wholesale power contracts with more than 50 towns and 25 public power districts.; it also purchases electricity from the federally owned Western Area Power Administration and operates a surface water irrigation system; it uses coal, water, nuclear and natural gas

\$1.1 billion (2020)

Northern Natural Gas Company

(877) 654-0646

Joe M. Lillo?, Vice President of Finance and Laura K. Demman, Vice President of Business Development

operates 14,600 miles of natural gas pipeline; also provides transportation and storage services to more than 80 utilities and a number of other customers; has 6.3 billion cu. ft. per day market area peak capacity, and its three natural gas storage facilities have a total capacity of 75 billion cu. ft., including 4 billion cu. ft. of liquefied natural gas (LNG)

\$859.97 million (2019)

## **Nevada**

Southwest Gas Holdings, Inc. (an indirect subsidiary of Berkshire Hathaway Energy)  
(702) 876-7237

Gregory J. Peterson, Senior Vice President & Chief Financial Officer

Investor Inquiries

702-876-7237

manages two wholly owned subsidiaries – natural gas provider Southwest Gas, and utility infrastructure service provider Centuri Construction Group; it serves some 2 million natural gas customers in Arizona, Nevada and California, while construction customers served by Centuri (NPL) span the US and Canada  
\$3.30 billion (2020)

NV Energy, Inc. (a subsidiary of Berkshire Hathaway Energy)  
(702) 402-5000

Michael Cole, VP & Chief Financial Officer, Tony Sanchez, Executive VP, Business Development and Dave Ulozas, Sr. VP, Renewable Energy and Origination provide electricity to more than 1.5 customers and natural gas to some 172,300 residential and commercial customers in Nevada. The company also serves an annual tourist population of over 55 million. The utilities generate some 12,920 MW of peak capacity and sell power to wholesale customers in the northern and southern Nevada  
\$2.86 billion (2020)

...V...

Nevada Power Company NV Energy (a subsidiary of NV Energy owned by Berkshire Hathaway Energy)  
(702) 402-5000

the utility transmits and distributes electricity to 1 million customers in Las Vegas, North Las Vegas, Henderson, Searchlight and adjoining areas; has nine natural gas and oil generating facilities; it also buys and sells electricity on the wholesale market with other utilities, energy marketing companies, financial institutions and other market participants to balance and optimize economic benefits of electricity generation, retail customer loads and wholesale transactions  
\$2.00 billion (2020)

...V...

Sierra Pacific Power Company (a subsidiary of NV Energy Inc.)  
(775) 834-4011

a natural gas and electricity distribution utility serving customers in towns and cities across Nevada; serves about 323,000 retail electric power customers and some 200,000 transportation and natural gas customers; owns more than 15 fossil-fueled and hydroelectric power plants, five generating facilities  
\$854.00 million (2020)

## Southwest Gas Corporation

(702) 876-7237

provides natural gas to more than 2 million customers in the two states, as well as in portions of California; 2,300 employees; it acquires its natural gas from 46 suppliers and pumps it through distribution mains; also owns a transmission pipeline that supplies the Las Vegas area, and affiliate Paiute Pipeline transports gas from the Idaho-Nevada border to Reno and Lake Tahoe; NPL Construction, is an underground piping contractor that serves gas distributors

\$2.55 billion (2017)

## Nevada Energy

Jeff Brigger, Director of Business Development

jbrigger@nvenergy.com

O. 775.834.3716; C. 775.354.8810

a public utility which generates, transmits and distributes electric service in northern and southern Nevada, including the Las Vegas Valley, and provides natural gas service in the Reno-Sparks metropolitan area of northern Nevada; it serves about 1.3 million customers; is currently exceeding Nevada's renewable portfolio standard - achieved 33.6 percent in renewable energy; has 3 solar power plants

\$755 million (2017)

## Ormat Technologies Inc. (a subsidiary of Israel-based Ormat Industries)\*

(775) 356-9029

\$705.34 million (2020)

Investor Relations

Smadar Lavi

(775) 356-9029

SLavi@ormat.com

builds plants for geothermal energy and recovered energy power businesses; also expanding into the solar Photovoltaic (PV) and energy storage and management services business; it also sells power units for both types of plants and sells fossil fuel-powered turbo-generators; it's a geothermal industry leader, gaining global expertise in exploring, developing, designing, manufacturing, building, owning and operating power plants in Guatemala, Kenya, Guadeloupe Island, Honduras Indonesia, New Zealand and the US

\* design, build and supply power generating equipment for customers' geothermal and recovered energy power plants in 30 countries

Sierra Pacific Power (a subsidiary of Berkshire Hathaway Energy)

Northeast Utilities (a subsidiary of Eversource)

## New England

National Grid USA (affiliated with the U.K.'s National Grid PLC (*supra*)) manages electricity generation & transmission assets and gas distribution networks in the New England region of the US, reaching 20 million people

## New Jersey

American Water (American Water Works Company, Inc.)  
(856) 955-4001

Aaron Musgrave, CPA, Senior Director, Investor Relations  
Michael Tavani, CFA, Senior Manager, Investor Relations  
856-566-4005

ir@amwater.com

the largest publicly traded water utility in the US, providing water and wastewater services to some 15 million people in about 45 states through its regulated utilities; also has market-based operations for water and wastewater services to the U.S. government on military installations, as well as municipalities, utilities and industrial customers. Regulated operations account for about 85% of sales; more than 7,000 employees

\$3.78 billion

PSEG (PSEG Power LLC; a subsidiary of Public Service Enterprise Group)

(973) 430-7000

website inaccessible

it owns and/or manages about 25 power stations in Connecticut, New Jersey, New York and Pennsylvania; it oversees PSEG Nuclear LLC (which operates the Salem and Hope Creek generating stations in New Jersey and owns 50% of the Peach Bottom plant in Pennsylvania) and PSEG Fossil LLC (which has gas, oil, coal and natural gas power plants); it buys and sells wholesale power, natural gas and other energy commodities

\$3.63 billion (2020)

Atlantic City Electric (an Exelon subsidiary)

(202) 872-2000

Phillip Barnett, Sr. VP, CFO & Treasurer  
\$1.24 billion 2020

Midwest Generation, LLC (a subsidiary of Edison International unit Edison Mission Midwest Holdings Co. - don't know what NRG is)  
(609) 524-4500  
Investor Relations  
Kevin L. Cole, CFA, Sr. Vice President, Investor Relations  
609.524.4526  
Brendan Mulhern, Investor Relations  
609.524.4767  
Investor.Relations@nrg.com  
sells wholesale electricity from coal, natural gas, nuclear and renewables to markets in the Midwest; the independent power producer has a generating capacity primarily from its six coal-fired power plants in Illinois; it also oversees the operation of the Fisk and Waukegan on-site generating plants  
\$1.30 billion (2020)

New Jersey Resources Corp.  
(732) 938-1480  
Investor Relations Contact  
Dennis Puma - Director, Investor Relations  
732-938-1229  
dpuma@njresources.com  
Mark Aydin - Manager, Investor Relations  
732-938-1228  
maydin@njresources.com  
distributing natural gas to approximately 558,000 customers in New Jersey; beyond gas distribution, the company also provides energy storage and transportation services to industrial customers across several Northeast and Mid-Atlantic US states, as well as HVAC & solar installation services to some 107,000 households in its home state; also invests in clean energy like solar projects and midstream assets  
\$1.95 billion (2020)

PSEG, Inc.  
<https://investor.pseg.com/resources/investor-contacts/default.aspx>  
and

Michael K. Hyun  
Deputy General Counsel and Corporate Secretary  
michael.hyun@pseg.com  
\$1.905 billion 2020

Covanta Holding Corporation  
(862) 345-5000  
Investor Relations  
Dan Mannes, Vice President of Investor Relations  
(862) 345-5456  
ir@covanta.com

the alternative energy power producer has interests in more than 40 specialized power plants, primarily in the US; its plants use a variety of waste fuels, including municipal solid waste, and wood waste (biomass); its specialized plants can convert 20 million tons of waste into more than 9 million MW hours of electricity annually and create 9 billion pounds of steam that are sold to a range of industries; the company also provides waste management and recycling services; it recovers, recycles and reimagines waste, extracting the highest value from the byproducts of daily life; it creates value from waste by reducing contributions to climate change by diverting waste from landfills and using it to generate renewable energy, helping our customers mitigate risks and meet their sustainability goals and recycling valuable materials from the waste stream  
\$1.90 billion (2020)

...V...

Covanta Energy, LLC  
(862) 345-5000  
\$1.76 billion (2020)

Jersey Central Power and Light Company (an Ohio First Energy subsidiary)  
(800) 736-3402  
firstenergy@amstock.com

\* K. Jon Taylor, Sr. VP & Chief Financial Officer

the nation's largest investor-owned electric systems, approximately 24,000 miles of transmission lines that connect the Midwest and Mid-Atlantic regions; serves 1.1 million customers in central and northern New Jersey; 10 regulated distribution companies form one of the nation's largest investor-owned electric systems, based on serving 6 million customers in the Midwest and Mid-Atlantic regions; stretching

from the Ohio-Indiana border to the New Jersey shore, the companies operate a vast infrastructure of more than 269,000 miles of distribution lines  
\$1.77 billion 2020

Genon Energy, Inc. (a NRG subsidiary)  
(609) 524-4500  
\$1.59 billion (2017)

...v...

Genon Americas Generation, LLC  
(609) 524-4500  
\$1.42 billion (2017)

South Jersey Industries, Inc.  
(609) 561-9000  
Investor Relations  
Dan Fidell, VP of Investor Relations  
609-561-9000 ext 7027  
dfidell@sjindustries.com  
Caroline Kelly, Investor Relations Specialist  
609-561-9000 ext 7025  
ckelly3@sjindustries.com  
provided natural gas to nearly 370,700 residents, roughly 26,000 commercial customers and over 410 industrial customers in southern New Jersey, including Atlantic City; the utility has more than 6,850 miles of transmission and distribution mains; it also sells and transports wholesale gas; its deregulated retail supplier, South Jersey Energy, provides retail gas, acquisition and transportation of electricity and energy management services  
\$1.54 billion (2020)

Clearway Energy LLC  
(609) 608-1525  
Steve Ryder, Chief Financial Officer  
clusters of community solar projects and some of the largest wind and solar projects in the United States; one of the largest developers and owner-operators of utility-scale renewable energy projects nationwide with 3.5 GW of utility-scale wind and 1.3 GW of utility-scale solar in operation and an extensive pipeline of

projects in development and construction; nearly 100 community solar farms active or in development, and 210 MW of operating solar capacity serving approximately 20,000 customers; one of the largest developers, owners and operators of community solar in the United States; is currently active in Colorado, Illinois, Massachusetts, Minnesota and New York and actively expanding to new markets

\$1.20 billion (2020)

Suburban Propane (Suburban Propane Partners, L.P.)

(973) 887-5300

1-800-776-7263

<https://investor.suburbanpropane.com/information-request>

a nationwide marketer and distributor of a diverse array of energy-related products, specializing in propane, fuel oil and refined fuels, as well as marketing natural gas and electricity in deregulated markets; with more than 3,300 full-time employees, it maintains business operations in 41 states, providing dependable service to approximately 1 million residential, commercial, industrial and agricultural customers through approximately 700 locations

\$1.11 billion (2020)

NRG California South LP

(609) 524-4590

\$1.00 billion (2020)

Covanta Projects, LLC

(862) 345-5000

\$990.02 million (2020)

United Water (affiliated with Suez Environment)

(201) 767-9300

\$984.99 million (2020)

NRG Northeast Generating LLC

(609) 524-4500

\$804.17 million (2020)

New Jersey-American Water Company, Inc.  
(800) 272-1325  
\$796.48 million (2020)

New Jersey Natural Gas Company  
(732) 938-1000  
\$731.87 million (2018)

South Jersey Gas Company  
(609) 561-9000  
\$571.79 million (2020)

Trinity Solar Inc.  
(732) 780-3779  
\$567.78 million (2020)

PSEG Services Corporation  
(973) 430-7000  
\$562.60 million (2020)

NRG Power Marketing LLC  
(609) 524-4500  
\$542.76 million (2020)

## **New Mexico**

Public Service Company of New Mexico  
Switchboard (505) 241-2700  
Elisha Saavedra-Torres, Manager, Economic Development  
Elisha.Saavedra-Torres@pnm.com  
(505) 241-2558

Pnm Resources, Inc.  
(505) 241-2700

\$1.52 billion (2020)

## **New York**

CH Energy Group Inc. (its subsidiary is Central Hudson Gas & Electric Corporation and its parent company is Canada's Fortis, Inc.)

(845) 452-2000

Consolidated Edison Company of New York

(212) 460-4600 d&b1-800-752-6633

serves 10 million; investing in renewables

<https://www.coned.com/en/contact-us>

\$12.24 billion (2020)

Long Island Power Authority

Billing & Account Management: 1-800-490-0025

Building & Renovation Services: 1-844-341-6378

Tamela Monroe, CFO

\$3.8 billion 2020; assets of \$13.7 billion

New York City Municipal Water Finance Authority

(212) 788-5800

\$3.66 billion (2020)

Keyspan Corporation (subsidiary of National Grid USA)

(718) 403-1000

was the fifth largest distributor of natural gas in the United States; 2 subsidiaries of the company is in the electric power generation, transmission and distribution industry

\$3.62 billion (2020)

Niagara Mohawk Power Corporation

(315) 474-1511

does business as National Grid; distributes electricity to approximately 1.6 million customers and natural gas to about 600,000 customers in upstate New York; it owns and operates power transmission and distribution lines; wholesale activities on its transmission grid are managed by the New York ISO; it is a regional

operating subsidiary of UK-based National Grid, which delivers electricity to 3.5 million customers in Massachusetts, New York and Rhode Island  
\$3.24 billion (2019)

New York Power Authority  
(914) 681-6200  
info@nypa.gov

Adam Barsky, EVP & CFO

the hydropower generated by the Niagara Falls is it generates its electricity; more than 70% of the power is from hydropower resources; it generates and transmits more than 20% of New York's electricity, making it the largest state-owned public power provider in the US; it is also the state's only statewide electricity supplier; it owns 16 hydroelectric and fossil-fueled generating facilities and operates more than 1,400 circuit-miles of transmission lines; it is owned by the State of New York; has worked on more than 2,100 projects; it has plans to finance and implement more than \$1.5 billion in energy efficiency measures throughout the State up through 2025 at state, local and municipal government facilities, continuing to develop its program to \$300 million annually; has plans to finance and implement more than \$1.5 billion in energy efficiency measures throughout New York State up through 2025 at state, local and municipal government facilities, continuing to develop its program to \$300 million annually  
\$2.26 billion (2020)

New York State Electric and Gas Corporation (a subsidiary of Avangrid, Inc. in Connecticut)  
(607) 796-4675

an electric and gas utility company that serves customers in New York; in the 1980s it completed a series of hydroelectric power plants; in 2008 NYSEG became part of Iberdrola and thereafter Avangrid

National Grid Energy Corporation  
(718) 403-2000

Rudy Wynter, President, New York

serving more than 20 million people throughout New York, Massachusetts and Rhode Island; transforming its electricity and natural gas networks with smarter, cleaner and more resilient energy solutions to meet the goal of reducing greenhouse gas emissions; recently launched National Grid Renewables, a US

renewable energy business focused on accelerating the clean energy transition through developing, owning and operating large-scale renewable energy projects across the U.S.

\$1.97 billion (2020)

...v...

The Brooklyn Union Gas Company (National Grid New York)

(718) 403-2000

provides utility services - gas and electricity distribution to residential and industrial customers; it operates in the United Kingdom and United States

\$1.47 billion (2020)

...v...

Keyspan Gas East Corporation

(718) 403-1000

\$711.28 million (2020)

National Fuel Gas Company

(716) 857-7000

Karen Camiolo, Treasurer & Principal Financial Officer

Brandon J. Haspett, Director of Investor Relations

(716) 857-7697

HaspettB@natfuel.com

sectors: exploration & production, pipeline & storage, gathering and utility; a diversified, integrated energy company with a complementary mix of assets; has 2,101 full time employees and 1,035 union employees; its exploration and production subsidiary Seneca Resources Company, LLC, with natural gas-focused operations in Appalachia and oil-focused operations in California; has interstate pipeline and storage subsidiaries; provide natural gas services to more than 743,000 residential, commercial and industrial customers in New York and Pennsylvania

\$1.55 billion (2020)

Rochester Gas & Electric Corp (subsidiary of Avangrid in **Connecticut**)

(800) 295-7323

the regulated utility provides electricity to about 370,000 customers and natural gas to 306,000 customers; it operates 22,500 miles of power transmission and

distribution lines and has a generating capacity of approximately 400 MW from interests in fossil-fueled and hydroelectric power plants  
\$871.94 million (2020)

Terraform Power, Inc.

(646) 992-2400

the company owns and operates 230 solar power generations projects in 15 US states and Puerto Rico, as well as in the UK, Canada and Chile

\$941.24 million (2019)

Macquarie Infrastructure Corporation

(212) 231-1000

owns, operates and invests in a diversified group of infrastructure companies; its business consists of the largest network of fixed-base operations in the United States, the largest bulk storage terminal business in the U.S., a gas production and distribution business and a controlling interest in two district energy businesses; it's managed by Macquarie Infrastructure Management (USA) Inc.; which is a member of Sydney-based Macquarie Group Limited

\$847.00 million (2020)

Ch Energy Group, Inc. (a subsidiary of Fortis Inc. in Canada)

(845) 452-2000

Christopher Capone, Executive VP & Chief Financial Officer

a utility holding company that has a reputation of being a champion of renewable energy - one of the top utilities in the nation in support of solar energy; its Central Hudson Gas & Electric unit delivers not produce electricity to 300,000 electric and 75,000 natural gas customers in eight counties and delivers natural gas and electricity in a 2,600-square-mile service area that runs from New York City in the south, to Albany; its subsidiary CHEC oversees its nonregulated businesses in the Northeast and Mid-Atlantic, including petroleum product distribution and energy management services

\$826.02 million (2020)

...V...

Central Hudson Gas & Electric Corporation

(845) 452-2700

\$711.89 million (2020)

Charge Enterprises, Inc.

(212) 921-2100 (no d&b website and nothing doing a wikipedia search

\$757.55 million (2020)

Orange and Rockland Utilities Inc. (a subsidiary of Consolidated Edison - Con Edison)

(845) 352-6000

its subsidiaries, Rockland Electric and Pike County Power & Light, operate in southeastern New York and adjacent portions of New Jersey and Pennsylvania; the utilities distribute electricity to more than 301,800 customers in about 100 communities in those three states - sourcing it from solar, wind or generating stations - and deliver natural gas more than to 128,000 customers in New York and Pennsylvania; its transmission and distribution facilities include 5,550 miles of overhead and underground power distribution lines, 560 miles of transmission lines and more than 1,850 miles of gas pipeline

\$706.12 million (2020)

Msip-Sccc Holdings, LLC

(270) 852-5000

\$583.30 million (2020)

## North Carolina

Duke Energy Carolinas, LLC

(704) 382-3853

\$7.01 billion (2020)

...V...

Duke Energy Progress, LLC

(704) 382-3853

\$5.42 billion (2020)

...V...

Progress Energy, Inc.

(704) 382-3853

includes two major electric utilities that serve approximately 3.1 million customers in the Carolinas and Florida

\$10.63 billion (2020)

...V...

Piedmont Natural Gas Company, Inc. (subsidiary of Duke Energy Corporation)

(704) 364-3120

an energy services company that distributes natural gas to more than 1 million residential, commercial, industrial and power generation customers in parts of North Carolina, South Carolina and Tennessee; its portfolio includes 26,100 miles of distribution and transmission pipelines and 20,700 miles of services pipelines as well as gas transportation and storage services; it also sells residential and commercial gas appliances in Tennessee and maintains a network of natural gas filling stations in the three-state service area (has eMobility opportunities)

\$1.30 billion (2020)

...V...

Panenergy Corp. (a subsidiary of Duke Energy)

(704) 594-6200

\$684.43 million (2020)

Cogentrix Energy Power Management LLC

(704) 525-3800

<https://www.cogentrix.com/contact>

Jason Soliminik Sr. VP, Chief Financial Office

its energy strategy entails developing electric generating facilities; a subsidiary of the asset manager The Carlyle Group, it develops, owns and operates about 20 independent power plants in the US; it markets wholesale power to electric utilities across North America; in addition to developing conventional (coal and gas-fired) power plants, it is also operating green power (solar, wind and hydroelectric) plants in the US and elsewhere

\$929.42 million (2020)

## North Dakota

Xcel Energy Inc. (see page 186 *supra*)  
(612) 330-5500  
\$11.53 billion (2020)

MDU Resources Group, Inc.  
(701) 530-1000

Patricia L. Moss (Bend, Oregon) expertise: finance, banking & business development

Shareholder services

866-866-8919

[investor@mduresources.com](mailto:investor@mduresources.com)

<https://www.mdu.com/investors/shareholder-services/default.aspx>

has branched out from its roots as a regional utility to cover a range of natural resources businesses; its subsidiaries deliver gas to more than 977,450 customers and electricity to about 143,350 customers in more than 335 communities; its energy business is focused on natural gas transmission, gathering and storage; and MDU Construction Services unit builds power lines, pipelines and telecom systems  
\$5.53 billion (2020)

Otter Tail Power Company (see Minnesota *supra*)  
(218) 739-8200  
\$441.55 million (2020)

Montana-Dakota Utilities Co. (for more see Montana section *supra*)  
(701) 222-7900 d&b  
800-638-3278

serves about 410,000 customers; committed to exploring future development in renewable energy sources, along with more traditional sources of energy generation. Currently, Montana-Dakota provides renewable energy generation to its customers through its investment in wind and waste heat recovery generation; has been closely monitoring solar technology development and the potential to invest in community solar/utility grade solar generation  
\$590.83 million (2020)

## Ohio

### American Electric Power

(614) 716-1000

Julie Sloat, Executive VP & Chief Financial Officer

one of America's largest generators of electricity; coal-fueled power plants account for approximately 45 percent of its generating capacity, while natural gas represents 28 percent and nuclear 7 percent; the remaining capacity comes from wind, hydro, pumped storage and other sources (17 percent) as well as energy efficiency (3 percent); 5.5 million customers in 11 states; 40,000 miles of transmission lines

\$14.92 billion (2020)

Appalachian Power Company (a subsidiary of American Electric Power; see Indiana section *supra*)

(614) 716-1000

serves about 960,000 residential and business customers in southwestern Virginia and southern West Virginia and a small portion of northwestern Tennessee; the electric utility operates about 53,300 miles of distribution and transmission lines and operates coal-fired, gas-fired and hydroelectric plants that give it about 8,020 MW of capacity and it markets power to wholesale customers in the region; pursuing wind and solar; involved in eMobility - businesses and e-forklifts

\$2.80 billion (2020)

Ohio Power Company (a very large subsidiary of American Electric Power; see Ohio section *supra*)

(614) 716-1000

serves 1.5 million retail customers, operates more than 31,260 miles of transmission and distribution lines, and generates more than 8,500 MW of capacity from primarily hydroelectric and fossil-fueled power plants (the bulk from coal-fired plants); it also sells wholesale electricity to other power companies

\$2.75 billion (2020)

Indiana Michigan Power Company (a subsidiary of American Electric Power; see Ohio section *supra*)

(614) 716-1000

the utility serves about 582,000 electricity customers over its 24,220-mile transmission and distribution system in eastern and northern Indiana and southwestern Michigan; it also sells power wholesale to other energy market participants, and it has some 5,930 MW of capacity from its primarily fossil-fueled (61% of total capacity) and nuclear power plants; it owns the Cook Plant in Michigan, which consists of two nuclear generating units, which accounts for about 36% of Indiana Michigan Power's generating capacity  
\$2.24 billion (2020)

Cinergy Corp. (a subsidiary of Duke Energy; see the Indiana section *supra*)  
(513) 421-9500

in 2006 researchers at the University of Massachusetts Amherst identified the company as the 49th-largest corporate producer of air pollution in the United States, with roughly 29 million pounds of toxic chemicals released annually into the air  
\$1.99 billion (2020)

Energy Harbor Corp.  
(888) 254-6359

Jason Petrik, Executive VP, Chief Financial Officer  
investors@energyharbor.com

power plants are strategically located across Ohio, Pennsylvania and West Virginia; one of the largest producers of carbon free electricity generated from four nuclear power units  
\$1.94 billion (2020)

Duke Energy Ohio, Inc. (a subsidiary of Duke Energy; see the Indiana section *supra*)  
(704) 382-3853

distributes electricity and natural gas in Cincinnati and surrounding areas, including portions of Indiana and Kentucky (through subsidiary Duke Energy Kentucky); serves residential, commercial and industrial customers over approximately 19,800 miles of distribution lines and a 2,500-mile transmission system in Indiana, Ohio and Kentucky  
\$1.86 billion

Jersey Central Power & Light Company (a subsidiary of FirstEnergy, see Ohio section *supra*)

(800) 736-3402

transmits and distributes electricity to 1.1 million homes and businesses in 13 counties in central and northern New Jersey; operates 22,670 miles of distribution lines; its 2,550-mile transmission system is overseen by regional transmission organization PJM Interconnection; it also has some power plant interests

\$1.77 billion (2020)

First Energy

(800) 736-3402

firstenergy@amstock.com

K. Jon Taylor, Sr. VP & Chief Financial Officer

the nation's largest investor-owned electric systems, approximately 24,000 miles of transmission lines that connect the Midwest and Mid-Atlantic regions; serves 1.1 million customers in central and northern New Jersey; 10 regulated distribution companies form one of the nation's largest investor-owned electric systems, based on serving 6 million customers in the Midwest and Mid-Atlantic regions; stretching from the Ohio-Indiana border to the New Jersey shore, the companies operate a vast infrastructure of more than 269,000 miles of distribution lines

\$1.77 billion 2020

Cleveland Electric Illuminating Company (a subsidiary of FirstEnergy, see Ohio section *supra*)

(800) 589-3101

distributes electricity to a base population of about 1.8 million inhabitants in northeastern Ohio; has 33,210 miles of distribution lines; it also engages in wholesale energy transactions with other power companies

\$999.13 million (2019)

The Cleveland Electric Illuminating Company

South Central Power Company

(740) 653-4422 d&b

1-800-282-5064

a member-owned cooperative that provides electricity to consumers and businesses in southern Ohio; it provides power to more than 115,570 customers over 11,000 miles of power lines; in addition to distributing electricity it also provides outdoor lighting, surge suppression products, security systems, water heater switches and other energy-related services

\$338.80 million

Southwestern Electric Power Company (a subsidiary of American Electric Power; see Ohio section *supra*)

(614) 716-1000

the utility serves some 520,400 electricity customers in portions of Arkansas, Louisiana and Texas; operates 20,450 miles of transmission and distribution lines; also has interests in fossil-fueled power plants (including 73% of the \$1.7 billion Turk plant in Arkansas) and it sells power to wholesale customers; offers information on eMobility

\$1.74 billion (2020)

AEP Texas Inc. (a subsidiary of American Electric Power; see Ohio section *supra*)

(614) 716-1000

\$1.62 billion (2020)

Energy Harbor Nuclear Corp. (a subsidiary of FirstEnergy, see Ohio section *supra*)

(800) 646-0400

\$1.42 billion (2020)

Monongahela Power Company

(888) 254-4769

services approximately 388,000 residential and commercial customers in West Virginia; along with West Penn Power and Potomac Edison, it comprise the Allegheny Power arm of Allegheny Energy, which is now part of FirstEnergy

\$1.36 billion (2020)

AEP Transmission Holding Company, LLC (a subsidiary of American Electric Power; see Ohio section *supra*)

(614) 716-1000

\$1.15 billion (2020)

American Municipal Power, Inc.

(614) 540-1111

Marcy Steckman, Chief Financial Officer

the non-profit membership organization supplies wholesale power to more than 80 community-owned distribution utilities in Ohio, 30 in Pennsylvania, 6 in Michigan, 5 in Virginia, 3 in Kentucky, 2 in West Virginia, 1 in Indiana and 1 in Delaware (a joint action agency); it and its members own and operate plants and handle projects on behalf of the Ohio Municipal Electric Generating Agency Joint Ventures program (jointly owned generation and transmission projects); it is owned by its member municipalities and serve some 635,000 customers; launched bond programs for hydro projects and solar phase II  
\$1.09 billion (2020)

Columbia Gas of Ohio, Inc.

(614) 460-6000

Vince Parisi, President and Chief Operating Officer

Thomas Young, Economic Development Manager

614-460-7809

thomasyoung@nisource.com

the largest natural gas utility in the state with nearly 1,000 employees, serving 1.4 million customers (including about 1.3 million residential, 112,000 commercial and 2,600 industrial customers in more than 1,030 communities in more than 60 of Ohio's 88 counties); one of the six energy delivery companies of NiSource, who together provide essential natural gas and electric service to nearly 4 million customers; investing millions each year to provide safe, reliable natural gas service by expanding our system and replacing aging facilities

\$908.18 million (2017)

Pennsylvania Electric Company

(800) 545-7741

the utility operates more than 20,170 miles of distribution and more than 2,700 transmission lines; the Waverly Electric Light & Power Company, a subsidiary of Penelec, provides electric services to a population of about 8,400 in Waverly, New York; Penelec is an operating subsidiary of regional utility power player FirstEnergy

\$824.17 million (2020)

American Transmission Systems, Incorporated (a subsidiary of FirstEnergy, see Ohio section *supra*)

(330) 761-4370

\$809.22 million (2020)

Metropolitan Edison Company (a subsidiary of FirstEnergy, see Ohio section *supra*)  
(800) 736-3402

provides electric services to a population of 1.3 million in south central and eastern Pennsylvania; Met-Ed as it is sometimes referred to, operates almost 16,500 miles of power transmission and distribution lines; although the company's primary source of electricity is derived from oil-and gas-fired units, its York Haven Power Company generates hydroelectric power  
\$808.26 million (2020)

Buckeye Power, Inc.  
(614) 781-0573

an electricity generation and transmission cooperative that provides electricity to 24 distribution companies in Ohio and one in Michigan; together they serve about 400,000 homes and businesses in 77 of Ohio's 88 counties; the company was established by Ohio's rural electric co-ops to produce and transmit electric power for member systems throughout the state; it contracts with other Ohio electric companies to use their transmission systems to transmit power to its member electric distribution cooperatives; has installed solar energy arrays at 23 locations throughout Ohio; purchases the excess generation from animal waste anaerobic digester systems at four locations across the state; bacteria break down the manure produced at these dairy, pork and poultry operations to create the methane gas used to fuel engine-and-generator sets; receives methane-produced power from the Hancock County Landfill and Suburban Regional Landfill; began receiving attractively-priced hydropower from the New York Power Authority in 2004  
\$708.23 million (2918)

DPL Inc. (a subsidiary of American Electric Power; see Ohio section *supra*)  
(937) 259-7215

has 513,000 electricity customers in west central Ohio; has 8 power plants which produce electricity primarily from coal-fired generating plants; also provides service to its clients via the use of combustion turbines, diesel peaking units, and solar powered properties  
\$660.50 million (2020)

AEP Power Marketing, Inc. (a subsidiary of American Electric Power; see Ohio section *supra*)  
(614) 716-1000

\$590.29 million (2020)

AEP Ohio Transmission Company, Inc. (a subsidiary of American Electric Power; see Ohio section *supra*)

(614) 716-1000

\$569.70 million (2020)

Kentucky Power Company (a subsidiary of American Electric Power; see Ohio section *supra*)

(614) 716-2654

the utility distributes electricity to about 175,000 homes and businesses across 20 counties in eastern Kentucky; also sells electricity to wholesale customers and has coal-fired power plant interests; operates more than 11,040 miles of overhead transmission and distribution power lines; home page references solar panels

\$552.76 million (2020)

## Oklahoma

Oneok Partners, L.P.

(918) 588-7000

Shareholder Inquiries

877-208-7318

<https://www.oneok.com/about-us/contact>

it has three businesses: natural gas pipelines, gas gathering and processing and natural gas liquids (NGLs); its affiliate operates 17,100 miles of gas-gathering pipeline and 7,600 miles of transportation pipeline, as well as gas processing plants and storage facilities; it also owns one of the US's top natural NGL systems (more than 7,200 miles of pipeline)

\$8.92 billion (2020)

The Williams Companies Inc.

(918) 573-2000

Investor Relations

800-600-3782

[investorrelations@williams.com](mailto:investorrelations@williams.com)

moves gas around the US - it gathers, stores and processes natural gas and natural gas liquids (NGLs); also operates stabilization capacity, fractionation facility,

storage capacity and other ancillary assets, including loading and terminals; its interstate gas pipeline and gathering & processing operations span the US, including assets in the Gulf of Mexico, Northeast G&P and West; owns and operates more than 30,000 miles of pipelines system wide - including Transco, the nation's largest volume and fastest growing pipeline - and handles approximately 30 percent of the natural gas in the United States that is used every day for clean-power generation, heating and industrial use  
\$7.72 billion (2020)

...v...

Williams Energy Services, LLC  
(918) 573-2000  
\$1.37 billion (2020)

...v...

Williams Partners Operating LLC  
(918) 573-2000  
\$760.97 million (2020)

One Gas, Inc.  
(918) 947-7000  
Investor Relations  
855-496-0200  
ir@onegas.com

one of the largest publicly traded natural gas utilities in the US, serving approximately 2.2 million customers in about five states; Kansas Gas Service has some 13,000 miles of distribution mains and service lines; Oklahoma Natural Gas Company has about 19,600 miles of distribution mains; and Texas Gas Service has approximately 10,700 miles of distribution mains and service lines  
\$1.53 billion (2020)

Western Farmers Electric Cooperative  
(405) 247-3351  
Jane Lafferty, VP & CFO

led by its coal- and natural gas-fueled generating plants -- three in Anadarko, one in Mooreland, and one in Hugo (all in Oklahoma) -- the generation and transmission co-op produces more than 1,845 MW of capacity; it pipes power over 3,700 miles

of transmission lines to two-thirds of rural Oklahoma and parts of New Mexico; it also operates 264 substations and 59 switch stations; is owned by its member distribution cooperatives, supplies 22 distribution co-ops and Altus Air Force base; is also bringing renewables options to rural America  
\$525.28 million (2013)

OEG Energy Group (Oklahoma Gas and Electric Company)

(405) 553-3000

W. Bryan Buckler, Chief Financial Officer

is the parent company of Oklahoma Gas and Electric Company, a regulated electric utility. OGE holds 25.5 percent limited partner interest and 50 percent general partner interest in Enable Midstream Partners, LP; it serves more than 863,000 customers in Oklahoma and western Arkansas, with an electric transmission and distribution system that spans 30,000 square miles; it generates electricity from natural gas, low-sulfur coal, wind and solar

\$2.12 billion (2020)

Public Service Company of Oklahoma (a subsidiary of American Electric Power; see Ohio section *supra*)

(888) 216-3523

the utility serves approximately 540,000 homes and businesses in eastern and southwestern Oklahoma; operates more than 22,080 miles of electric transmission and distribution lines in eastern and southwestern Oklahoma; also has about 4,230 MW of capacity from interests in fossil-fueled power plants, and it markets wholesale electricity to other utilities and energy companies in the region; it also has wind energy assets

\$1.27 billion (2020)

Devon Oei Operating, Inc.

(405) 235-3611

Jeff Ritenour, Executive Vice President and Chief Financial Officer

Investor Relations

Scott Coody, Vice President, Investor Relations

405-552-4735

Chris Carr, Manager, Investor Relations

405-228-2496

a leading independent oil and natural gas exploration and production company; the company's fourth quarter 2020 daily production was approximately 300,000

barrels of oil, more than 125,000 barrels of natural gas liquids and about 920 million cubic feet of natural gas  
\$996.72 million (2020)

## **Pennsylvania**

Talen Energy Corporation

(888) 211-6011

Alejandro "Alex" Hernandez, President, Director and Chief Financial Officer

<https://www.talenenergy.com/contact-us>

one of the largest competitive energy and power generation companies in North America; it produces and sells about 16,000 MW of electricity in Texas and the Northeast US; it owns and operates a portfolio of mostly fossil fuel generation assets in the PJM and ERCOT systems, two of the most attractive power markets in the US; it does not operate state-regulated utility companies and therefore its business is strictly wholesale to other suppliers, regulated utilities and electric cooperatives; recently secured a strategic capital partnership to advance our transformation to a renewable energy and digital infrastructure growth platform; intends to advance the world's transition to clean energy by leading the ESG transformation of the power and digital infrastructure sectors; is developing 2.7 GW of renewable and battery storage projects at strategic locations across our portfolio. Our Joint Venture with Pattern Energy will allow us to accelerate our clean power transformation and grow Talen's enterprise value

\$3.95 billion (2020)

Peco Energy Company (a subsidiary of Exelon)

(215) 841-4000

John McDonald, Sr. VP & CFO

Pennsylvania's largest electricity and natural gas utility, it serves 1.6 million electricity customers and 511,000 natural gas customers; it owns 29,000 circuit miles of regulated power transmission and distribution lines; its transmission assets are controlled by regional operator PJM Interconnection; the company also has more than 6,730 miles of underground gas mains and operates some 500 electric substations and almost 30 natural gas gate stations - an eMobility possibility

\$3.06 billion (2020)

Ppl Electric Utilities Corporation (a subsidiary of PPL Corporation; see pg 198 *supra*)

transmits and distributes electricity to 1.4 million customers in 29 counties in eastern and central portions of the state; the regulated utility operates more than 50,000 miles of overhead and underground power distribution lines and it is a member of the PJM Interconnection regional transmission organization; 2,000 employees

(610) 774-5151

transmits and distributes electricity to 1.4 million customers in 29 counties in eastern and central portions of the state; the regulated utility operates more than 50,000 miles of overhead and underground power distribution lines and it is a member of the PJM Interconnection regional transmission organization; 2,000 employees

\$2.33 billion (2020)

Allegheny Energy, Inc. (a subsidiary of FirstEnergy Group; see Maryland section *supra*)

(724) 837-3000

\$2.28 billion (2020)

Talen Energy Supply, LLC (a subsidiary of PPL Corporation; see pg 198 *supra*)

(888) 211-6011

\$1.73 billion (2020)

## Portland

PacifiCorp (Pacific Power; a subsidiary of Iberdrola, see the Spain section *supra*)

(888) 221-7070

Stefan Bird, President and CEO

its core businesses are regulated utilities Pacific Power and Rocky Mountain Power, which together provide electricity to nearly 2 million customers in six western states; the subsidiaries operate about 16,500 miles of transmission lines in ten states, some 64,600 miles of distribution lines, and around 900 substations; it owns or has stakes in about 35 coal, hydroelectric, natural gas and wind generation facilities; it also purchases and sells power in wholesale markets to with other utilities, energy marketing companies, financial institutions and other market participants to balance and optimize the economic benefits of electricity generation, retail customer loads and existing wholesale transactions

\$5.34 billion (2020)

Portland General Electric Company  
(503) 630-6821 or (503) 464-8000 d&b  
(503) 228-6322

Jim Ajello, Sr. VP of Finance, Chief Financial Officer & Treasurer  
Jardon Jaramillo, Senior Director - Treasury, Investor Relations  
and Finance Operations  
Phone: 503-464-7051  
investors@pgn.com

<https://investors.portlandgeneral.com/contact-us>

Oregon's largest utility; an investor-owned utility in Northwest Oregon engaged in the generation, transmission and distribution of electricity to 901,000 residential, commercial and industrial customers in 51 cities and seven counties; offers a diverse mix of resources that includes hydropower, coal and gas combustion, wind and solar, as well as key transmission resources; the first major renewable energy facility in the U.S. to co-locate wind and solar generation with battery storage; exploring how to store renewable energy so we can use more of it to provide consistent, reliable power; eMobility solutions for a heavy duty truck charging station to support the commercial adoption of e-vehicles  
\$2.15 billion (2019)

Northwest Natural Holding Company  
(503) 226-4211

Investor Relations

Nikki Sparley

503-721-2530

[Nikki.Sparley@nwnatural.com](mailto:Nikki.Sparley@nwnatural.com)

a natural gas distributor, the company services residential, commercial, and industrial customers in Western Oregon and Southwest Washington; serves more than 770,000 customers across the Pacific Northwest  
\$773.68 million (2020)

..v...affiliated

Northwest Natural Gas Company  
(503) 226-4211

provides natural gas to over 692,000 residential, about 69,900 commercial and more than 1,000 industrial customers in Oregon and southwestern Washington through its approximately 14,000 miles of transmission and distribution mains and some 10,000 service lines; it also owns pipeline investment company NNG Financial Corporation

\$773.68 million (2020)

Avangrid Renewables Holdings, Inc. (a subsidiary of Avangrid)

(503) 796-7000

\$688.91 million (2020)

\$688.91 million in sales (USD)

## **Pennsylvania**

Eqm Midstream Partners, LP

(724) 271-7600

David Khani, CFO

<https://www.eqt.com/contact>

Investor Contact

Andrew Breese, Director Investor Relations

412.395.2555

[abreese@eqt.com](mailto:abreese@eqt.com)

a leading independent natural gas producer; has operations in Pennsylvania, West Virginia and Ohio

\$1.63 billion (2019)

Essential Utilities, Inc. (a subsidiary of Aqua America)\*

(610) 527-8000

provides water or wastewater services to some 3 million customers in Pennsylvania, Ohio, Texas, Illinois, North Carolina, New Jersey, Indiana and Virginia; the holding company for several regulated utilities, the largest being Aqua Pennsylvania; additionally, it provides non-utility water supply services for the natural gas drilling industry, manages a water system operating and maintenance contracts, as well as sewer line protection solutions and repair service to households

\* Aqua has been providing reliable, quality water and wastewater services to cities and towns throughout the United States for more than 130 years; it owns and operates more than 1,400 public water systems and more than 187 wastewater treatment plants and collection systems that serve more than three million people across eight states

\$1.46 billion (2020)

CNX (Cnx Resources Corporation)

(724) 485-4000

Donald Rush, Chief Financial Officer

<https://investors.cnx.com/investor-resources/contact-us>

is the premier independent natural gas development, production, and midstream company, with operations centered in the major shale formations of the Appalachian basin. Our vertically integrated model includes transmission, storage, gathering systems, and water infrastructure that support energy development from wellhead to end user; an independent upstream oil and gas company operating mainly in Appalachian Basin; it explores for, develops, produces, gathers, acquire and processes natural gas found in unconventional shale formations, primarily the Marcellus Shale and Utica Shale, covering parts of Pennsylvania, West Virginia, Ohio and Virginia

\$1.25 billion (2020)

UGI Utilities, Inc.

(800) 276-2722

a natural gas and electric utility committed to delivering reliable, safe and affordable energy to our 700,000 customers in 45 counties in Pennsylvania and one county in Maryland

\$1.09 billion 2018)

West Penn Power Company (a subsidiary of FirstEnergy Group)

(724) 837-3000

\$1.02 billion (2020)

Direct Energy Business, LLC (a subsidiary of NRG Energy Inc.)

(412) 246-4660

Michel Combes, President and CEO

offers solar options

\$1.00 billion (2020)

Duquesne Light Company

(412) 393-6000

Investor Contacts

Angela M. Feldbauer

(412) 393-6143

afeldbauer@duqlight.com

the utility company provides electricity to more than 588,000 customers in southwestern Pennsylvania via an extensive transmission and distribution system; a subsidiary of Duquesne Light Holdings acts as a generation Provider of Last Resort for customers who do not choose an alternative supplier. A consortium led by Macquarie Infrastructure Partners controls the company's parent  
\$960.35 million (2020)

...V...

Dqe Holdings LLC

(412) 393-7100

\$942.10 million (2020)

Essential Utilities, Inc.

(610) 527-8000

provides water or wastewater services to some 3 million customers in Pennsylvania, Ohio, Texas, Illinois, North Carolina, New Jersey, Indiana and Virginia; has branches in New Mexico, Pennsylvania, Florida, Indiana, Texas, Illinois, Ohio; it is the holding company for several regulated utilities, the largest being Aqua Pennsylvania; additionally, EUI provides non-utility water supply services for the natural gas drilling industry, manages a water system operating and maintenance contracts, as well as sewer line protection solutions and repair service to households; Aqua owns and operates more than 1,400 public water systems and more than 187 wastewater treatment plants and collection systems that serve more than three million people across eight states + is an industry leader among wastewater management and private water companies, setting the standard for water quality, infrastructure, customer service and community involvement + more than 1,600 employees

\$1.46 billion (2020)

...V...

Peoples Natural Gas Company LLC

(800) 764-0111

the largest natural gas distribution company in Pennsylvania which serves approximately 740,000 commercial, industrial and residential customers in about 25 counties throughout North Central West Virginia and Eastern Kentucky; it has some 12,900 miles of natural gas distribution system, about 150 miles of

transmission pipeline and 1,500 miles of gas gathering pipeline; supports innovation, infrastructure and the environment  
\$780.22 million (2020)

Suez Wts Systems Usa, Inc.

(215) 355-3300 d&b

(866) 439-2837

<https://www.suezwatertechnologies.com/contact-suez-expert>

Philippe Dartienne, CFO

involved resolving the toughest water challenges; lots of acquisitions that provide many of the following: biological treatment, biosolids, biowaste, seawater equipment, clarifiers, disinfection & oxidation, e-cells - electrodeionization solutions, evaporators & crystalizers, filtration technologies, flotation devices, ion exchange, grease & grit removal, ionics - electrodialysis solutions, oil & gas engineered systems, sievers analyzers & instruments, spiral wound membranes and water purification; acquired GE's Water & Process Technologies which provides the company with a totally new product and service offering that addresses the needs of a US\$12 billion global industry segment  
\$749.81 million (2020)

Pennsylvania - American Water Company (a subsidiary of American Water Works - in the New Jersey section *supra*)

(800) 565-7292

the largest regulated water and wastewater service provider in Pennsylvania distributing water and provides wastewater services to more than 2 million people in some 390 communities across the state; it serves 635,000 water customers and 17,500 wastewater customers; it operates about 35 water treatment plants, six wastewater facilities and 9,800 miles of pipeline  
\$733.06 million (2020)

Utilicon Solutions, Ltd.

(215) 784-4200 d&b

(877) 884-5426

[info@utilicon.com](mailto:info@utilicon.com)

a leading national provider of infrastructure services and solutions for utilities, power producers and energy-intensive customers; it designs, builds and maintains electric, gas and telecommunications transmission and distribution networks; cites 11 subsidiaries on its website

\$590.52 million (2020)

## **Rhode Island**

The Narragansett Electric Company (a subsidiary of National Grid USA - see Massachusetts *supra*)

401-784-7000

\$1.56 billion (2020)

## **South Carolina**

Scana Corporation (a subsidiary of Dominion Energy)

(800) 251-7234

is a holding company for public utilities and gas marketers in the Carolinas and Georgia; it serves more than 700,000 electricity customers and 950,000 gas customers through 2 subsidiaries; in addition to power transmission and distribution assets, it generates electricity from fossil-fueled, hydroelectric and nuclear power facilities; another subsidiary sells gas to more than 400,000 retail customers in Georgia's deregulated natural gas market

\$4.41 billion (2017)

...v...

South Carolina Electric & Gas

(804) 819-2000

\$2.74 billion

...v...

Dominion Energy South Carolina, Inc.

(804) 819-2000

a regulated utility with 700,000 electricity and 350,000 natural gas customers; it owns more than 25,000 miles of power distribution lines and almost 17,500 miles of gas transmission mains; it also operates fossil-fueled, nuclear and hydroelectric power generation facilities; it purchases additional power from other independent generators and utility companies and sells wholesale power to other utilities and marketers

\$2.74 billion (2020)

Santee Cooper  
(843) 761-4121  
Kenneth W. Lott III, Chief Financial and Administration Officer  
Investor Relations  
scbonds@santeecooper.com  
877-246-3338

one of the largest US state-owned utilities which provides wholesale electricity to 20 cooperatives and two municipalities that serve more than 2 million customers in the state; it directly retails electricity to more than 190,000 customers - some 2 million receive power from it directly and indirectly; has stakes in power plants (fossil-fueled, nuclear, hydro and renewable); also provides wholesale water to consumers; eMobility solutions for home and business - charging which includes solar

\$1.40 billion (2020)

## **South Dakota**

Black Hills Corporation  
(605) 721-1700

Investor Relations

Jerome E. Nichols

(605) 721-1700, option 3, then option 2

investorrelations@blackhillscorp.com

<https://ir.blackhillscorp.com/other-information/contact-us/default.aspx>

involved in energy generation, distribution and exploration activities; distributes power to roughly 215,000 customers in Colorado, Montana, South Dakota and Wyoming; its gas utilities segment serves approximately 1,066,000 natural gas customers in Arkansas, Colorado, Iowa, Kansas, Nebraska and Wyoming; energy generation from its wind, natural gas and coal-fired generating plants and sells the electric capacity and energy

\$1.70 billion (2020)

...v...

Black Hills Gas, LLC

(605) 721-1700

\$830.27 million (2020)

Northwestern Corporation  
(605) 978-2900  
\$1.20 billion (2020)

...V...

Northwestern Energy (see the profile in the Montana section)  
(605) 978-2900  
providing electricity and gas through regulated utilities to about 734,800  
customers in Montana, Nebraska and South Dakota  
\$987.92 million

...V...

Northwestern Energy Corporation  
(605) 978-2900  
\$987.92 million (2020)

## **Tennessee**

Tennessee Valley Authority  
(865) 632-2101  
tvainfo@tva.com  
John M. Thomas III  
Executive VP & Chief Financial Officer  
Investor Contacts  
Tammy Wilson  
865-632-3366 or 888-882-4975  
Josh Carlon  
865-632-4133 or 888-882-4975  
investor@tva.com

a US government-owned corporation and the largest public power producer in the country - provides electricity for 153 local power companies serving 10 million people in Tennessee and parts of six surrounding states; also sells power directly to large industrial customers and federal agencies; and it provides flood control and land management for the Tennessee River system and assists utilities and state and local governments with economic development; overarching Environmental Policy is to produce increasingly clean power  
\$10.25 billion (2020)

#### Knoxville Utilities Board

(865) 594-7531 d&b

(865) 524-2911

providing utility services to residential and business customers - electric, natural gas, water and wastewater; provides services to 196,500 electric, 96,920 gas, 77,600 water and 68,740 wastewater customers; it also maintains five treatment plants, which provide water and wastewater services  
\$803.75 million (2020)

#### The Middle Tennessee Electric Membership Corporation

(615) 890-9762 d&b

(877) 777-9020

info@mtemc.com

Cindy Layne, Chief Financial Officer & VP of Finance

Tennessee's largest electric cooperative and the second largest in the US, the utility cooperative distributes electricity to more than 600,000 ; has 510 employees; has more than 10,470 miles of power lines connected to 34 electric distribution substations; it purchases its power supply from the Tennessee Valley Authority

\$618.62 million (2019)

### **Texas**

#### Energy Transfer LP

(214) 981-0700

Brad Whitehurst, CFO

Investor Relations

214-981-0795

InvestorRelations@energytransfer.com

offers customers wellhead to water accessibility via a wide range of services to both domestic and international markets; and transfers natural gas and other energy resources through its massive network of US-based pipelines; its operations occur principally through primary subsidiary Energy Transfer Operating, LP and Sunoco LP, although it has interests in a number of LPs and other subsidiaries; the company operates pipelines that transport natural gas, natural gas liquids, refined products, crude oil and Liquefied Natural Gas across the US; it also owns and operates associated terminalling, storage and fractionation facilities; its subsidiary Energy Transfer Canada is one of Alberta's largest licensed gas processors providing midstream solutions from the wellhead to the wholesale marketplace in

Western Canada; assets include six gas processing plants and more than 700 miles of natural gas gathering and transportation pipelines, and oil gathering and emulsion; ETC also operates three world-class sour gas plants and three sweet gas processing plants + operations also include more than 700 miles of interconnected sweet and interconnected sour gas gathering systems as well as field dehydration and compression facilities; its revenues were \$207.47 million (2020)  
\$38.95 billion (2020)

...V...

#### Regency Energy Partners LP

(214) 750-1771

focuses on the gathering, processing, marketing, and transportation of natural gas and natural gas liquids (NGLs) in Arkansas, Kansas, Louisiana and Texas; its gathering and processing unit moves natural gas from the wellhead through gathering systems, primarily for producers; its assets include 8 gas treating/processing plants and 5,260 miles of related gathering and pipeline infrastructure; its transportation segment ships natural gas across Louisiana; it also offers natural gas compression services and provides treating services to gas producers and pipeline companies

\$4.95 billion (2020)

#### Direct Energy

(713) 877-3500

(844) 929-3383

one of North America's largest retail providers of electricity, natural gas and home and business energy-related services with nearly 4 million customers; has 14,691 total employees; invests in forward-thinking technologies, products, and partnerships; services Alberta, Connecticut, Delaware and Illinois

\$32.55 billion (2020)

#### Enterprise Products Partners L.P.

(713) 381-6500

W. Randall Fowler, Director, Co-Chief Executive Officer & Chief Financial Officer  
Investor Relations

(866) 230-0745

[investor.relations@eprod.com](mailto:investor.relations@eprod.com)

is one of the leading players in the North American midstream market; it connects producers of natural gas, natural gas liquids (NGL), crude oil in major North

American supply basins with domestic and international consumers. Operations include natural gas processing, NGL fractionation, petrochemical services, and crude oil transportation; it owns some 50,000 miles of pipelines, about 14 billion cu. ft. of natural gas storage and approximately 260 million barrels of storage for NGLs, refined products and crude oil.; it owns more than 20 natural gas processing plants, almost 25 NGL and propylene fractionators and nearly 20 deep water docks \$27.20 billion (2020)

NRG Texas Power LLC

(713) 537-3000

Investor Relations

Kevin L. Cole, CFA, Sr. Vice President, Investor Relations

609.524.4526

Brendan Mulhern, Investor Relations

609.524.4767

Investor.Relations@nrg.com

is involved in energy generation and retail electricity; its portfolio includes natural gas generation, coal generation, oil generation, nuclear generation, wind generation, utility scale generation and distributed solar generation; serves 2.9 million retail customers; has acquired eleven other energy companies, both generation and retail, that include Reliant Energy, XOOM Energy, Green Mountain Energy, Stream Energy, Discount Power and Cirro Energy that combined have 40 power plants

\$13.16 billion (2020)

Vistra Corp.

(214) 812-4600

<https://investor.vistracorp.com/contact>

Jim Burke, President and Chief Financial Officer

Investor Relations (Financial Community Inquiries)

Molly Sorg

214-812-0046

investor@vistracorp.com

a holding company operating an integrated retail and generation business primarily in markets throughout the U.S.; the subsidiaries are engaged in competitive energy activities including electricity generation, wholesale energy sales and purchases, commodity risk management and retail sales of electricity and natural gas to end users; they serve approximately 4.3 million customers and operate in 20 states and

the District of Columbia have a portfolio of natural gas, nuclear, coal, solar and battery energy storage facilities; offers over 50 renewable energy plans  
\$11.44 billion (2020)

...v...

Energy Future Competitive Holdings Company LLC  
(214) 812-4600  
\$5.37 billion (2020)

...v...

Energy Future Intermediate Holding Company LLC  
(214) 812-4600  
\$4.51 billion (2020)

...v...

Vistra Corporate Services Company  
(972) 556-8444  
\$4.44 billion (2020)

Calpine Corporation (a subsidiary of Energy Capital Partners - see *supra*)  
(713) 830-2000  
Zamir Rauf, Executive VP & CFO  
Investor Information  
(713) 830-8775  
investor-relations@calpine.com

one of America's top wholesale power generation companies - capacity for 20 million homes; has over 75 power plants in operation or under construction - about 95% of the electricity comes from natural gas; operates in 22 states, Canada and Mexico; its Geysers assets in northern California represent the largest geothermal power generation portfolio in the US, selling power, steam, capacity, renewable energy credits, ancillary services to the customers, which include utilities, independent electric system operators and industrial companies, retail power providers, municipalities, CCA's and other government entities, as well as, retail commercial, industrial, governmental and residential customers  
\$10.07 billion (2020)

...v...

Calpine Energy Services, L.P.  
(713) 830-2000  
\$532.84 million (2020)

...V...

Calpine Siskiyou Geothermal Partners, L.P.  
(408) 995-5115  
\$4.71 million (2020)

Kinder Morgan Energy Partners, L.P.

(713) 369-9000

David Michels, VP & CFO

Investor Relations

(713) 369-9490; (800) 348-7320

km\_ir@kindermorgan.com

holds stakes in 83,000 miles of natural gas and petroleum product pipelines and owns 144 bulk terminals and rail transloading facilities with 200 million barrels of storage capacity that handle 100 million tons of coal, petroleum coke and bulk products annually; it transports refined petroleum products (gasoline, diesel and jet fuel) through its pipelines and stores the products in 60 terminals in the US; through its CO2 subsidiary, it transports carbon dioxide  
\$10.01 billion (2020)

...V...

Kinder Morgan Kansas, Inc.

(713) 369-9000

\$7.22 billion (2020)

...V...

El Paso LLC

(713) 420-2600

\$3.28 billion (2020)

Southern Natural Gas Company, L.L.C. (a subsidiary of El Paso Pipeline Partners and Kinder Morgan)

(713) 420-2600

operates an 7,600-mile long natural gas pipeline which serves major markets across the southeastern US; the pipeline system has about 60 billion cu. ft. of underground working natural gas storage capacity  
\$614.24 million (2020)

Cheniere Energy, Inc.

(713) 375-5000

Investor Relations

investor@cheniere.com

a global producer of liquefied natural gas (LNG) in the US, exporting LNG to customers in over 30 nations around the world; it purchases natural gas and processes it into LNG and offers customers the option to load the LNG onto their vessels at its terminals, or it delivers the LNG to regasification facilities around the world

\$9.36 billion (2020)

...v...

Cheniere Energy Partners, L.P.

(713) 375-5000

\$6.17 billion (2020)

...v...

Cheniere Corpus Christi Holdings, LLC

(713) 375-5000

\$2.53 billion (2020)

...v...

Cheniere Cch Holdco I, LLC

(713) 375-5000

\$2.53 billion (2020)

...v...

Sabine Pass Liquefaction, LLC

(713) 375-5000

\$5.86 billion (2020)

Targa Resources Partners LP

(713) 584-1000

Jennifer R. Kneale, Chief Financial Officer

Investor Relations

713.584.1133

InvestorRelations@targaresources.com

one of the largest independent midstream infrastructure companies in North America - its assets connect natural gas and natural gas liquids (NGLs) to domestic and international markets with growing demand for cleaner fuels and feedstocks; is the primary operations subsidiary of parent Targa Resources Corp; as an operations company, TRP gathers, processes, transports and sells natural gas, natural gas liquids (NGLs), crude oil and refined petroleum products; it owns or operates approximately 28,900 miles of natural gas gathering pipelines and around 45 processing plants

\$8.67 billion (2020)

...V...

Targa Resources Corp.

(713) 584-1000

deliver natural gas throughout its service territory of Texas, Oklahoma, and neighboring states; through its Targa Resources Partners entity it gathers, processes, transports, and sells natural gas, natural gas liquids (NGLs), crude oil, and refined petroleum products. It owns or operates nearly 30,000 miles of natural gas gathering pipelines and more than 45 processing plants

\$8.26 billion (2020)

Utility Holding, LLC

(713) 207-1111

<https://www.centerpointenergy.com/en-us/corporate/contact-us>

a domestic energy delivery company that includes electric transmission & distribution, natural gas distribution and energy services operations with more than 9,600 employees

\$6.12 billion (2020)

Txu Energy Industries Company

(214) 812-4600

Scott A. Hudson, President

became Texas' leading retail electric provider; offers solar from its farms and wind options  
\$5.55 billion (2020)

Spectra Energy Corp. (a subsidiary of Enbridge in Canada)  
(713) 627-5400

covers the spectrum of natural gas activities -- gathering, processing, transmission, storage and distribution; operates more than 15,400 miles of transmission pipeline and has 305 billion cu. ft. of storage capacity in the US and Canada; it also has stakes in DCP Midstream, Maritimes & Northeast Pipeline, Gulfstream Natural Gas System, Spectra Energy Income Fund, and 75% of Spectra Energy Partners. Its Union Gas unit distributes gas to 1.5 million Ontario customers; in 2017, Spectra merged with Enbridge creating the largest energy infrastructure company in North America

\$3.64 billion (2020)

...v...

Algonquin Gas Transmission, LLC (a subsidiary of Spectra Energy)  
(713) 627-5400  
\$532.08 million (2020)

Par Pacific Holdings, Inc.  
(281) 899-4800  
owns operations in oil and production and midstream operations  
\$3.12 billion (2020)

Atmos Energy Corporation

(972) 934-9227

Investor Relations

972.855.3729

[InvestorRelations@atmosenergy.com](mailto:InvestorRelations@atmosenergy.com)

one of the country's leading natural gas distributors which serves over 3 million residential, business, public and industrial customers in eight US states; also manages one of the largest intrastate pipeline operations in Texas; has a network of more the 75,000 miles of transmission and distribution lines

\$2.82 billion (2020)

Direct Energy, LP  
(713) 877-3500 i  
\$719.99 million (2020)

Lower Colorado River Authority  
(512) 473-3200  
\$1.36 billion (2020)

Oncor Electric Delivery Company LLC  
(214) 486-2000  
\$4.51 billion (2020)

...V..

Oncor Electric Delivery Holdings Company LLC  
(214) 486-2000  
\$4.51 billion (2020)

Enbridge Energy Partners, L.P.  
(713) 821-2000  
\$2.43 billion (2020)

Enbridge (U.S.) Inc.  
(713) 821-2000  
\$2.31 billion (2020)

Enbridge Energy, Limited Partnership  
(713) 650-8900  
\$2.09 billion (2016)  
Enbridge Inc.  
(713) 627-5400  
\$599.23 million (2020)

Western Midstream Operating, LP  
(832) 636-6000  
\$2.23 billion (2017)

Txu Energy Services Company LLC  
(214) 812-4600  
\$2.22 billion (2020)

Luminant Generation Company LLC  
(214) 812-4600  
\$2.22 billion (2020)

Vistra Intermediate Company LLC  
(713) 507-6400  
\$1.98 billion (2020)

Midcoast Energy Partners, L.P.  
(800) 755-5400  
\$1.97 billion (2016)

Entergy Texas, Inc. (a subsidiary of Louisiana's Entergy)  
(409) 981-2000  
\$1.59 billion (2020)

Spectra Energy Partners, LP  
(713) 627-5400  
\$1.95 billion (2020)

Enterprise Products Company  
(713) 381-6500  
\$1.76 billion (2020)

Engie North America Inc.  
(713) 636-1900  
\$1.67 billion (2020)

Lower Colorado River Authority  
(512) 473-3200  
\$1.36 billion (2020)

Atmos Pipeline and Storage, LLC  
(972) 934-9227  
\$1.26 billion (2020)

Teppco Partners, L.P.  
(713) 381-3636  
\$1.12 billion (2020)

Lone Star NGL Pipeline LP  
(210) 403-7300  
\$1.07 billion (2019)

Texas Competitive Electric Holdings Company LLC  
(214) 812-4600  
\$1.05 billion (2020)

Saf USA Commodities LLC  
(718) 490-3216  
\$1.00 billion (2020)

Enterprise Products Operating LLC  
(713) 381-6500  
\$999.86 million (2020)

Energen Corporation  
(205) 326-2700  
\$987.44 million (2017)

El Paso Electric Company  
(915) 543-5711

\$861.99 million (2019)

EDP Renewables North America LLC

(713) 265-0350

the US subsidiary of Spain-based EDP Renováveis. The US company owns and operates more than 20 onshore wind farms across nine states

\$908.23 million (2020)

Brazos Electric Power Cooperative, Inc.

(254) 750-6500

\$905.34 million (2020)

Citrus Corporation

(713) 853-6161

\$885.12 million (2020)

Florida Gas Transmission Company, LLC

(713) 989-7000

\$838.94 million (2018)

NRG Power Midwest LP

(713) 497-3000

\$832.97 million (2020)

Spectra Energy Transmission, LLC

(713) 627-5400

\$828.65 million (2020)

Southern Union Gas Company, Inc. (a subsidiary of Energy Transfer Equity)

(713) 989-7153

\$792.16 million (2020)

Talen Energy Marketing, LLC

(888) 211-6011

\$756.10 million (2020)  
Direct Energy, LP  
(713) 877-3500  
\$719.99 million (2020)

Gulf South Pipeline Company, LLC  
(888) 315-5005  
\$697.32 million (2020)

CenterPoint Energy  
(713) 207-1111  
\$7.42 billion (2020)

...V...

Centerpoint Energy Resources Corp.  
(713) 207-1111  
\$2.76 billion (2020)

...V...

Centerpoint Energy Houston Electric LLC  
(713) 207-1111  
\$2.91 billion (2020)

...V...

Centerpoint Energy Services Retail LLC  
(800) 752-8036  
\$695.79 million (2020)

STP Nuclear Operating Company (a subsidiary of NRG Energy, CPS Energy and Austin Energy)  
(361) 972-3611  
corporatecommunications@stpegs.com  
manages the South Texas Project Electric Generating Station; the nuclear power plant's two reactors serve more than 2 million homes in Texas  
\$665.50 million (2020)

Ambit Energy Holdings, LLC

(214) 461-4736

buys power wholesale and resells that electricity (and some natural gas) to customers; the retail energy provider purchases energy at wholesale prices and resells it via a direct sales channel or more than 600,000 independent consultants to more than 1 million customers a month in 14 states in the MidAtlantic, Midwest, Southwest and Northeast

\$644.46 million (2020)

Pedernales Electric Cooperative, Inc.

(830) 868-7155

Business Development

Tessa Doehrman Schmitzinsky, Strategic Growth Manager

tessa.schmitzinsky@peci.com

businessdevelopment@peci.com

provides electricity services in the Texas Hill Country; the largest electric cooperative in the US purchases its electricity from wholesale providers, primarily the Lower Colorado River Authority and transmits and distributes it to about 209,350 cooperative members (or more than 247,810 individual customer meters); it operates more than 17,450 miles of power line and maintains 290,000 wooden utility poles in its service area

\$594.77 million (2020)

La Grange Acquisition, L.P. (a subsidiary of Energy Transfer - see the Texas section *supra*)

(214) 981-0700

\$583.96 million (2020)

Via Renewables, Inc. (formerly Spark Energy, Inc.)

(713) 600-2600

(877) 547-7275

customercare@sparkenergy.com

provides residential and commercial customers in competitive markets across the US with an alternative choice for their natural gas and electricity; it buys its supply from a variety of wholesale providers and bills customers monthly for the delivery of natural gas and electricity based on their consumption at either a fixed or variable price; natural gas and electricity are then distributed to customers by local regulated utility companies through their existing infrastructure

\$554.89 million (2020)

Green Mountain Energy Company (a subsidiary of NRG Energy - see Colorado section *supra*)

(512) 691-6100

buys and resells green power generated from hydroelectric, solar, wind, geothermal and natural and landfill gas facilities; it serves households in competitive markets in Illinois, Massachusetts, Maryland, New Jersey, New York, Pennsylvania and Texas; since 1997 Green Mountain Energy has helped develop more than 70 wind and solar renewable facilities around the US

\$531.68 million (2020)

Twin Eagle Resource Management, LLC

(713) 341-7300

info@twineagle.com

a leading North American energy marketer and midstream terminal operator with a focus on natural gas across the United States, Canada and Mexico; owns and manages a nationwide network of rail transfer and storage facilities to serve its production clients

\$526.97 million (2020)

South Texas Electric Cooperative, Inc.

(361) 575-6491

Ron Hughes, Vice-President, Finance & Audit Chairman

a generation and transmission cooperative and a leader in providing a diverse portfolio of affordable energy, a reliable power delivery system and services customized to the needs of the members

\$518.64 million (2019)

## Utah

No companies above \$500 million

## Vermont

Green Mountain Power (an indirect subsidiary of Canada's Énergir, L.P. - see the Canada section *infra*)

(888) 835-4672

(888) 835-4672

Mathiew Lepage, VP, CFO

supplies electricity to more than 250,000 customers in the state - 15 offices across Vermont and 510 employees; its energy supply is 100% carbon free and more than 68% renewable - large hydro, existing hydro, nuclear and renewables including solar; it also markets wholesale electricity in New England; plus it operates several thousand miles of transmission and distribution lines and owns a minority stake in high-voltage transmission operator Vermont Electric Power; about half of the generation capacity GMP taps is from hydroelectric and other renewable energy sources

\$716.87 million (2020)

...V...

Northern New England Energy Corporation (a subsidiary of Énergir, L.P. - see the Canada section *infra*)

(802) 658-6555

\$517.64 million (2020)

...V...

Central Vermont Public Service Corporation

(802) 773-2711

\$381.93 million (2020)

Dominion Energy Utah (Questar Gas Company; (a subsidiary of Dominion Energy - see *supra*)

(801) 324-5900

\$947.00 million (2017)

## Virginia

Dominion Virginia Power (a subsidiary of Dominion Energy *supra*)

(804) 819-2000

\$14.17 billion (2020)

The AES Corporation

(703) 522-1315

Rebecca Halford, Business Development team

has about 110 generation facilities in nearly 15 countries throughout the Americas (North,Central,South), Asia and Europe; it sells electricity to utilities, industrial users and intermediaries, also directly to end-users such as homes and businesses mainly in Latin America and the US; provides power to about 2.5 million customers; growth in renewables and energy storage is core to the company's strategy - the world's leader in battery-based energy storage + signing new agreements for 2-3 GW of renewables per year + the fifth largest solar developer in the world

\$9.66 billion (2020)

Virginia Electric and Power Company (a subsidiary of Dominion Energy *supra*)

(804) 819-2000

provides regulated electric delivery services to about 2.4 million homes and businesses; derived by means of coal, gas, oil, hydro and nuclear plants

\$7.76 billion (2020)

Eastern Energy Gas Holdings, LLC (a subsidiary of Berkshire Hathaway Energy *supra*)

(804) 613-5100

\$2.09 billion (2020)

Eastern Gas Transmission and Storage, Inc. (a subsidiary of Dominion Energy *supra*)

(800) 688-4673

the interstate gas transmission subsidiary of Dominion Energy operates one of the largest underground natural gas storage system in the US; it maintains 7,800 miles of pipeline in Maryland, New York, Ohio, Pennsylvania, Virginia and West Virginia; Dominion Transmission also has links to other pipelines which makes its gas available to markets in the Mid-Atlantic, Midwest and Northeast regions of the US; customers include public utilities and power plants; it also operates one of the largest liquefied natural gas (LNG) import terminals in the US

\$821.29 million (2020)

## West Virginia

Monongahela Power Company (subsidiary of FirstEnergy in the Maryland section *supra*)

(800) 686-0022

services approximately 388,000 residential and commercial customers in West Virginia; along with West Penn Power and Potomac Edison, comprise the Allegheny Power arm of Allegheny Energy, which is now part of FirstEnergy

\$1.69 billion (2020)

## Washington

Puget Energy, Inc. (corporate executive links to B.C.)

the utility provides electricity to almost 1.2 million customers and natural gas to some 847,000 customers in western Washington.; the utility owns three wind plants and is one of the nation's largest utility producers of wind power

\$3.33 billion (2020)

...V...

Puget Sound Energy, Inc.

(425) 454-6363

Kazi Hasan, Sr. VP & Chief Financial Officer

is an energy utility based in Washington state - the Pacific Northwest's largest utility producer of renewable energy, providing the Puget Sound region with electrical power and natural gas; has 3,100 employees; The utility serves electricity to more than 1.2 million customers; its sources include hydro - accounts for more than one-third of its current power portfolio, wind - the fourth-largest utility generator of wind power in the U.S. and solar

...V...

Puget Equico LLC

Engie Holdings Inc.

(509) 329-7600

Vincent Manier, CFO

Investor Relations

ir@engie.com

a French multinational utility company which operates in the fields of energy transition, electricity generation and distribution, natural gas, nuclear, renewable energy and petroleum; it is one of the few players in the sector to develop expert skills in both upstream (engineering, purchasing, operation, maintenance) and downstream (waste management, dismantling) activities; it supplies electricity in 27 countries in Europe and 48 countries worldwide  
\$1.87 billion

Naes Corporation

(425) 961-4700

[sales@naes.com](mailto:sales@naes.com)

James Wilems, Sr. VP, CFO & Treasurer

provides operations, maintenance, fabrication, construction, engineering and technical services to clients in the power, energy and industrial sectors; offers operations, maintenance, construction, engineering and technical support to build, repair and operate plants; it serves power generation, oil and gas and petrochemical industries in the United States

\$1.37 billion (2020)

EMCO Engineering & EMCO Group

508 3148305 (MA)

[emco.usa@emcogroup.com](mailto:emco.usa@emcogroup.com)

an international company specialized in the engineering, manufacturing and installation of water and wastewater treatment systems worldwide - a strong presence in the U.S.A., Lebanon, Iraq, Saudi Arabia, the United Arab Emirates and Qatar; significant market share across USA, the Middle East, Africa and Far East regions; offers the ultra-high purity water systems demanded by semiconductor petrochemical processes and pharmaceutical users; in the realm of power utility applications, EMCO produces high quality water for make-up systems and condensate polishing applications; for municipal needs, it supplies large, land-based water treatment systems, including seawater desalination systems; offices in the US and Lebanon

Avista Corporation

(509) 489-0500

Investor Relations

(800) 222-4931

this electric and natural gas utility provides electricity to nearly 340,000 customers and natural gas to about 300,000 customers; primarily serves the Pacific Northwest through Avista Utilities and some customers in Juneau, Alaska through electric utility Alaska Electric Light and Power; through its subsidiaries, it also engages in sheet metal fabrication, venture fund investments, real estate and capital investments; its energy come from hydroelectric and thermal; it also serves more than 600,000 electric and natural gas customers  
\$1.32 billion (2020)

The City of Seattle-City Light Department  
(206) 684-3200

the US's 10th largest municipally owned power company owned by the City of Seattle, it transmits and distributes electricity to almost 1 million residential, commercial, industrial and government customers and owns hydroelectric power plants with more than 1,800 MW of generation capacity; it also purchases power from the Bonneville Power Administration and other generators and it sells power to wholesale customers  
\$991.60 million (2020)

Snohomish County Public Utility District  
(425) 257-9288

Jim Herrling, Senior Manager Treasury, Risk Management and Supply  
425-783-8303

JLHerrling@snopud.com

the second largest publicly owned utility in Washington; distributes electricity to over 360,000 electric customers in Washington State; purchases most of its power supply from third parties; it sells surplus power into the wholesale power transactions to balance its supply load; also serves more than 21,000 water utility customers  
\$692.94 million (2020)

## **West Virginia**

nothing above \$500 million

## Wisconsin

Alliant Energy Corporation  
(608) 458-3311

is the parent of two regulated utility companies, Interstate Power and Light (IPL) and Wisconsin Power and Light (WPL), which together serve approximately 970,000 electricity customers and approximately 420,000 natural gas customers in Iowa and Wisconsin; in addition to providing retail energy, the utilities sell wholesale electricity in Iowa, Illinois and Minnesota  
\$3.42 billion (2020)

Wisconsin Electric Power Company (WEC Energy Group)  
(414) 221-2345

Mary Ellen Stanek, Chief Investment Officer

M. Beth Straka, Sr. VP, Investor Relations and Corporate Communications  
414-221-4639

Contact@wecenergygroup.com

a leading Midwest electric and natural gas holding company with subsidiaries serving 4.6 million customers in Wisconsin, Illinois, Michigan and Minnesota; also maintain majority ownership in the federally regulated American Transmission Co.; its scale and geographic proximity allow for operating efficiencies across 71,000 miles of electric distribution and transmission lines and 7,700 megawatts of power capacity; in addition, WEC Infrastructure LLC owns a growing fleet of renewable generation facilities in the Midwest; its subsidiaries have 7,300 employees  
\$3.37 billion (2020)

Wisconsin Power and Light Co. (subsidiary of Alliant Energy - see the Iowa section *supra*)

(608) 458-3311

distributes electricity to 459,000 customers and natural gas to 180,000 customers in Dairyland; has some 1,900 MW of generating capacity from interests in fossil-fueled, nuclear and hydroelectric power plants; it sells some of its power to wholesale customers  
\$1.40 billion (2020)

Northern States Power Company (a subsidiary of Xcel Energy)

(715) 839-2625

\$974.00 million (2020)

American Transmission Company, LLC

(262) 506-6700

an entrepreneur in the US power grid business -- a for-profit, multi-state transmission-only utility; connecting electricity producers to distributors, it owns, operates, monitors and maintains 9,480 miles of high-voltage electric transmission lines and 529 substations in portions of Illinois, Michigan, Minnesota and Wisconsin; about 30 utilities, municipalities, electric companies and cooperatives in its service area have an ownership stake in the company

\$746.30 million (2019)

Madison Gas and Electric Company

(608) 252-7000

(608) 252-4744

Jared J. Bushek, VP, Finance, Chief Information Officer and Treasurer  
Investor Relations

Ken Frassetto - Director Shareholder Services and Treasury Management

608-252-4723

kfrassetto@mge.com

distributes natural gas and has power plants that include wind farms

\$556.79 million (2020)

Mge Energy, Inc.

(608) 252-7000

<https://www.mge.com/contact-us/contact-mge>

Jared J. Bushek, Vice President - Finance

generates, purchases and distributes electricity to nearly 155,000 customers; working toward greater use of renewable resources and targeting net-zero carbon electricity by 2050; purchases gas on the open market

\$538.63 million (2020)

For companies generating less than \$500 mill:

<https://www.dnb.com/business-directory/company-information.utilities.us.html?page=10>

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## Canada

Algonquin Power & Utilities Corp.

(905) 465-4500 (Ontario)

provide regulated water, electricity and natural gas utility services to over 1 million customers; growing portfolio of clean, renewable wind, solar, hydro and thermal power generation facilities represents over 3 GW<sup>1</sup> of renewables in operation and under construction; supported by more than 3,400 employees; has The Renewable Energy Group - owns and operates a diversified portfolio of non-regulated renewable and clean power generation assets located across Canada and the United States - hydroelectric, wind, solar and thermal facilities

Arthur Kacprzak, Chief Financial Officer

Investor Relations, Amelia Tsang, Vice President, Investor Relations, 905-465-4574, Amelia.Tsang@APUCorp.com and Alison Holditch, Manager, Investor Relations, 905-465-6748, Alison.Holditch@APUCorp.com

\$11.6 billion

Hydro-Québec

(514) 858-8500 d&b

514 385-7252

Investor Relations

<https://www.hydroquebec.com/sefco2016/rerelations-investisseurs/nous-ecrire.html>

a major producer, transporter and distributor of electricity in Canada, which mainly operates the hydroelectric sector; has about 225,305 km of distribution lines (medium and low voltage) and distributes electricity to about 4.5 million residential, industrial and commercial customers in Québec; generates more than 37,200 MW of capacity from around 85 plants (including over 60 hydroelectric and about 25 thermal); also sells wholesale energy in the US and Canada; and invests in alternative energy technologies and offers construction and procurement services

\$10.89 billion (2018)

TC Energy Corporation

(403) 920-2000

Investor Relations

403-920-7911

[investor\\_relations@tcenergy.com](mailto:investor_relations@tcenergy.com)

a provider of gas transmission and power generation; about 7,500 employees; owns 57,900 miles of pipeline; nearly 655 billion cu. ft. of natural gas storage assets; it owns, operates, or controls about 10 power plants in Canada and the US; advancing \$7 billion of projects under development; goal to be the premier energy infrastructure company in North America  
\$9.92 billion (2020)

Fortis Inc.  
(709) 737-2800  
Jocelyn H. Perry, Executive VP & Chief Financial Officer  
Investor Relations  
709.737.2900  
investorrelations@fortisinc.com

a leading regulated electric and gas utility holding company in North America. has approximately 10 utilities, most of which are the sole supplier of electricity or gas in its respective territories; serves about 3.3 million customers across five Canadian provinces, nine US states and three Caribbean countries; has grown significantly in recent years as a result of acquisitions  
\$6.71 billion (2020)

Énergir, L.P.  
1 800 361-4568  
info@energir.com  
an energy company with 520,000 customers in Quebec and the northeastern United States; is the largest natural gas distribution company in Quebec; and through subsidiaries also produces electricity from wind, solar and hydropower; its gas is natural, renewable natural, liquefied natural and compressed natural; also in Vermont uses cow dung - converting cattle manure into biomethane to produce clean electricity  
\$5.86 billion (2020)

Hydro One Limited  
(416) 345-5866  
Chris Lopez, Chief Financial Officer  
Investor Relations  
514-982-7555  
Service@ComputerShare.com

Electric Power Generation, Transmission and Distribution Industry; 8,600 employees; 74 companies in the corporate family; nearly 1.4 million predominantly rural customers, or approximately 26% of the total number of customers in Ontario; will be investing in the transmission system across the Province as part of our three-year plan  
\$5.47 billion (2020)

...V...

Hydro One Networks Inc.

(416) 345-5000

Electric Power Generation, Transmission and Distribution Industry; 3,967 employees; 74 companies in the corporate family  
\$2.70 billion (USD)

Emera Inc.

(902) 450-0507 (Halifax)

Investor Services

(902) 428-6060

investors@emera.com

serving 2.5 million customers in Canada, the US and the Caribbean; Florida's TECO is a subsidiary  
\$5.5 billion 2020

...V...

Emera Incorporated

(902) 450-0507

info@emera.com

Investor Relations

1-800-358-1995

investors@emera.com

provides electricity and natural gas services in the US, Caribbean and Canada; serving 2.5 million customers in Canada, the US and the Caribbean; generates, transmits, and distributes most of the electricity in Nova Scotia, where it serves some 523,000 customers; also has electric and natural gas utilities, natural gas pipelines, energy marketing, and trading; making investments in cleaner and renewable sources of energy; investing \$4.6B+ in cleaner and reliable energy (2021-2023) - renewables & low-carbon energy, batteries, smart and micro grids. eMobility and emerging technologies

\$4.14 billion (2020)

TransAlta Renewables Inc.

(403) 267-7110 (HQ)

Todd Stack, Chief Financial Officer & Executive Vice President, Finance

Investor Relations

403-267-2520

Investor\_Relations@transalta.com

growing portfolio of assets powered by solar, wind, hydro (27), coal, natural gas and energy storage (battery); with more than 70 power plants in Canada, the United States and Australia, it has acquired world-class development and operational expertise in generating clean power; in the process of converting up to seven coal-fired generating units to natural gas

\$5.3 billion

BC Hydro (British Columbia Hydro and Power Authority)

(604) 224-9376

David Wong, Executive VP, Finance & Chief Financial Officer

the province-owned utility distributes electricity to the 4.0 million residential and business customers; owns over 80,000 miles of transmission and distribution lines, and it operates hydroelectric and thermal power plants; its subsidiary Powerex markets and trades energy throughout North America; the vast majority of the power we generate and deliver to our customers is from clean, renewable sources; consistently one of the lowest greenhouse gas emitters in the North American electricity industry

\$4.72 billion (2020)

Enbridge Gas Inc.

(877) 362-7434

Natural Gas Distribution Industry; 4,000 employees; 54 companies in the corporate family; involved in renewable hydrogen and geothermal; its greening the gas supply with carbon-neutral sources and advancing and investing in low-carbon technologies for heat and transportation; will be entering partnerships with other energy systems, such as electricity, wind and solar; help customers turn food scraps, farm waste and sewage into carbon-neutral renewable natural gas; use surplus electricity to produce, store and add clean hydrogen to the natural gas network; helping fleet owners and municipalities switch to compressed natural gas for transportation

\$4.61 billion (USD)

OPG (Ontario Power Generation Inc.)

(416) 592-2555

<https://www.opg.com/contact-us>

Investor Relations

416-592-4008

produces most of the electricity supply for Ontario; owned by the provincial government; operates fossil-fueled, nuclear, hydroelectric and wind power plants; sells wholesale power to utilities and businesses in Ontario; also markets electricity in interconnected Canadian and US markets; operates 65 hydroelectric, 5 thermal (fossil fuel), 3 nuclear, 2 wind-power generating stations, 1 biomass station and 1 solar facility; constantly looking to embrace new technologies and alternate energy sources; eMobility, microgrids, energy storage, small modular nuclear reactors and solar power

\$4.52 billion (2019)

AltaGas

(403) 691-7575

Investor Relations

403.691.7100

[Investor.relations@altagas.ca](mailto:Investor.relations@altagas.ca)

a Canada-based energy infrastructure company that gathers, generates, processes, stores and sells natural gas and NGLs to customers across North America; serves approximately 1.6 million customers; acquires, grows and optimizes its energy infrastructure, including a focus on clean energy sources; operates the Ridley Island Propane Export Terminal to ship and help other providers to ship overseas; also have investments in natural gas pipelines, both in operation and under development, in Canada and the U.S.; focus is on developing high-quality energy infrastructure

\$4.20 billion (2020)

Brookfield Renewable Power Preferred Equity Inc.

(416) 359-1955

Investor Inquiries

Alan Fleming

+1 416 645 2736

[bbu.enquiries@brookfield.com](mailto:bbu.enquiries@brookfield.com)

energy trader in 30 countries across 5 continents; invested \$526 billion; and all companies have 150,000+ employees; invests in renewable power and infrastructure; offices in New York, London, Sydney, Brazil, Dubai, India and China  
\$3.81 billion (USD)

ATCO Group (ATCO Ltd.)  
(403) 292-7500

from natural gas, electricity and water delivery to building modular housing and eMobility solutions in the form of charging stations; about 6,200 employees; products and services are concentrated in the sectors of structures & logistics, electricity, oil & gas and its pipelines; serves more than two million customers in more than 100 countries  
\$3.01 billion (2020)

...V...

Canadian Utilities Limited  
(403) 292-7500

the global utilities, energy and technologies arm of ATCO and accounts for most of that company's sales; distributes natural gas to more than 1 million customers in almost 300 communities in Alberta, and ATCO Electric, which provides electricity to about 211,000 customers; ATCO Pipelines provides gas transportation services to producers, major industrial users and gas distribution companies in Alberta  
\$2.47 billion (2020)

Alberta Power (2000) Ltd.  
(403) 209-6900 d&b  
587-943-1100

comms@heartlandgeneration.com

Electric Power Generation, Transmission and Distribution Industry; 250 employees; 175 companies in the corporate family; portfolio includes eight natural gas and two dual fuel facilities across Alberta and British Columbia  
\$2.99 billion (USD)

Canadian Solar Inc.  
(519) 837-1881 Ontario

one of the world's largest solar technology and renewable energy companies; a leading manufacturer of solar photovoltaic modules, provider of solar energy and

battery storage solutions and developer of utility-scale solar power and battery storage projects with a geographically diversified pipeline in various stages of development; active buying customers in more than 150 countries; subsidiaries in 23 countries & regions on 6 continents; 20 manufacturing facilities in Asia & Americas

<https://www.csisolar.com/contactus>

\$3.5 billion USD

Energir, s.e.c.

(514) 598-3444

[info@energir.com](mailto:info@energir.com)

Natural Gas Distribution Industry; 1,322 total employees; 4 companies in the corporate family; 520,000 customers in Quebec and the northeastern United States; the largest natural gas distribution company in Quebec and, through subsidiaries, also produces electricity from wind; in the United States the company operates through subsidiaries in fifteen states where it produces electricity from hydraulic, wind and solar sources

\$2.08 billion (USD)

Brookfield Renewable Partners LP

Sachin Shan, Managing Partner, Chief Investment Officer, Sam Pollock, Managing Partner, CEO Infrastructure, Connor Teskey & Natalie Adomait, Managing Partners, CEOs Renewable Power

Investor Relations

Robert White

(305) 438-7330

[robert.white@brookfield.com](mailto:robert.white@brookfield.com)

operating in 30 countries across 5 continents; 150,000+ employees and 1,000 investment professionals; 2,000+ investments globally; renewables include hydro, wind and utility solar; infrastructure projects include utilities, transport, midstream

\$2.06 billion (2017)

Enmax Corporation

(403) 514-3000

Preet Dhindsa, Executive VP & Chief Financial Officer

owned by the city of Calgary it delivers electricity, natural gas and renewable energy products to 670,000 residential and commercial customers in Alberta; ENMAX Energy is one of Alberta's largest investors in renewable energy  
\$1.90 billion (2019)

Bruce Power L.P.

(519) 361-2673

info@brucepower.com

Kevin Kelly - EVP, Finance & Chief Financial Officer

Electric Power Generation, Transmission and Distribution Industry; 4,200 employees; 3 companies in the corporate family; nuclear power generating electricity supplier to families and businesses

\$1.82 billion (USD)

Superior Gas Liquids (Superior Plus Corp.)

Beth Summers, Executive VP & Chief Financial Officer

Investor Relations

Rob Dorran, VP, Investor Relations & Treasurer

416-340-6003

investor-relations@superiorplus.com

has three divisions; distributes propane and provides related services and products to clients across Canada and the US; provides natural gas supply services to Canadian residential, commercial, and industrial customers; the Specialty Chemicals division offers potassium and chloralkali products in North America, as well as sodium chlorate and technology to the paper and pulp sectors.

\$1.80 billion (2020)

Algonquin Power & Utilities Corp.

(905) 465-4500

<https://algonquinpower.com/contact.html>

Investor Relations

Amelia Tsang, Vice President, Investor Relations

905-465-4574

Amelia.Tsang@APUCorp.com

Alison Holditch, Manager, Investor Relations

905-465-6748

Alison.Holditch@APUCorp.com

a regulated utility company engaged in the generation, transmission, and distribution of renewable energy across North America. Through its two subsidiaries – Liberty Power and Liberty Utilities – it owns and operates a diversified portfolio of rate-regulated and non-regulated electricity, natural gas and water utility businesses; over 70 power generation facilities and utilities; often acquires renewable energy assets and utility distribution businesses in water, electricity and natural gas; Liberty Power owns more than 35 clean energy facilities; actively invests in hydroelectric, wind and solar power facilities, and utility businesses (water, natural gas, electricity) - a strategic plan of identified projects of \$9.4 Billion USD in capital through 2025; ~4 GW renewables in operation and under construction  
\$1.68 billion (2020)

TransAlta Corporation

(403) 267-7110

Todd Stack, CFO, Executive VP Finance, President of TransAlta Renewables\*

Investor Relations

(403) 267-2520

Investor\_Relations@transalta.com

transformed itself from one of Canada's largest electric utilities into a global independent power producer with assets in Australia and the US; it trades and markets electricity and gas in Canada and the US; invested in a mix of wind, solar, hydro and coal assets; more than 70 power plants in Australia, Canada and the US

\* in development 13 hydro projects, 23 wind, 6 gas, 1 battery storage and 1 solar;  
Sept 2121: announces the acquisition of a fully contracted 122 MW solar portfolio in North Carolina

\$1.58 billion (2020)

New Brunswick Power Corporation

(506) 458-4444 d&b

1 800 663-6272 customer service

Darren Murphy - Chief Financial Officer

Electric Power Generation, Transmission and Distribution Industry; 100 employees; 585 companies in the corporate family; province-owned; involved in electricity generation from nuclear and operating the transmission grid; projects include advanced small modular reactors; initial goal was to ensure that 40% of the total in-province electricity sales came from renewable energy resources, like wind, by the end of 2020 - surpassed this goal in 2019 and currently supply the province with 44% renewable energy and 80% non-emitting generation

\$1.45 billion (USD)

FortisBC Pacific Holdings Inc. (it and FortisBC Inc. are subsidiaries of Fortis Inc.)  
(250) 469-8000

Electric Power and Natural Generation, Transmission and Distribution Industry; 2,400 employees; 139 companies in the corporate family; provides natural gas, electricity and renewable energy to approximately 1.2 million British Columbians in 135 communities; Clean Growth Innovation Fund - will direct \$4.9 million per year to support innovative energy projects; will continue to invest in various innovations working towards our 30BY30 target, including renewable energy, renewable natural gas, carbon and methane capture technologies, energy efficiency, fuel cell and remote power technologies and clean transportation  
\$1.36 billion (USD)

EPCOR Utilities Inc.  
(780) 412-3414

an integrated energy provider owned by the City of Edmonton supplying water, wastewater and power distribution services to more than 1 million customers across Western Canada (including 600,000 in Alberta); procures and markets electricity and natural gas for retail and wholesale customers and related products and services; operates the regulated electricity and water distribution utilities in the Edmonton, Alberta, region, and in two US states. The unit has 351,000 power customers in Edmonton; also has energy infrastructure construction operations; strategy consists of implementing an Edmonton flood mitigation program – a 20-year, \$1.6 billion system-wide plan to protect homes, businesses and essential services by mitigating flood risk, develop eMobility charging stations, switching to green power, creating biogas from wastewater treatment and the delivery system  
\$1.33 billion (2018)

Capital Power Corporation  
(780) 392-5100

[info@capitalpower.com](mailto:info@capitalpower.com)

Sandra Haskins, Senior VP Finance & Chief Financial Officer

Investor Relations

1-866-896-4636

[investor@capitalpower.com](mailto:investor@capitalpower.com)

Randy Mah

780-392-5305

[rmah@capitalpower.com](mailto:rmah@capitalpower.com)

a new player in Canada's independent power market; its plants are coal-fired or powered by natural gas; also has a coal power plant under construction in Alberta and four more wind farms under development across Canada; has a strategic focus on sustainable energy; build, own and operate high-quality, utility-scale generation facilities that include renewables and thermal  
\$1.35 billion (2020)

Northland Power Inc.

(416) 962-6262

Pauline Alimchandani, Chief Financial Officer

Investor Relations

Wassem Khalil, Sr. Director, Investor Relations & Strategy

investorrelations@northlandpower.com

(647) 288-1019

is looking to supply cleaner and greener power to Canada and beyond; it owns and operates revenue-producing thermal and wind power generation facilities mainly in Ontario, Québec and Saskatchewan, and also in the Netherlands and Germany; also has a portfolio of biomass, solar, thermal and wind projects in various stages of development; typically pursues projects that are supported by long-term power purchase agreements (PPAs);

\$1.28 billion (2020)

Alectra Utilities Corporation (Alectra Inc. parent company)

(905) 522-9200 d&b

1-833-253-2872

Investor Relations

investorrelations@alecra.com

Electric Power Generation, Transmission and Distribution Industry; 1,429 employees; 14 companies in the corporate family; delivers electricity and provides wastewater solutions to approximately one million homes and businesses

\$1.20 billion (USD)

Keyera Partnership

(403) 205-8414

Eileen Marikar, Sr. VP & Chief Financial Officer

Investor Relations

403-205-7670

IR@keyera.com

Natural Gas Distribution Industry; 1,000 employees; 21 companies in the corporate family; one of the largest midstream oil and gas operators in Canada; continues to make important investments in its infrastructure to enhance operational efficiency and environmental performance  
\$1.15 billion (USD)

Toronto Hydro-Electric System Limited

(416) 542-3100

<https://www.torontohydro.com/contact-us>

Electric Power Generation, Transmission and Distribution Industry; 1,550 employees; 349 companies in the corporate family; an electric utility that operates the electricity distribution system for the city of Toronto; recognized as a Sustainable Electricity Company™ by the Canadian Electricity Association since 2014;

\$1.05 billion (USD)

Nova Scotia Power Incorporated (subsidiary of Emera supra)

(902) 428-6221

[home@nspower.ca](mailto:home@nspower.ca)

Electric Power Generation, Transmission and Distribution Industry; 1,800 employees; 135 companies in the corporate family; a vertically integrated electric utility in Nova Scotia; over the past decade has more than tripled renewable energy generation from 9% to 30%; now on track to reach 60% clean energy by 2022; pursuing wind, hydro and tidal power and biomass

\$1.00 billion (2016)

Irving Energy Distribution & Marketing (Highlands Fuel Delivery G.P., subsidiary of Irving Oil)\*

(506) 202-2000

[Webinquiries@irvingoil.com](mailto:Webinquiries@irvingoil.com)

Jeff Matthews, Chief Financial Officer (responsible for all new business development)

Natural Gas Distribution Industry; 800 employees; 5 companies in the corporate family; \* an international refining and marketing company; it also operates Ireland's only refinery; more than 900 gas locations

\$921.56 million (USD)

Enmax Power Services Corporation

(403) 514-3000 d&b

(403) 310-2010

Electric Power Generation, Transmission and Distribution Industry; 493 employees; 126 companies in the corporate family; a vertically integrated utility that generates and distributes electricity, natural gas, renewable energy, and value-added services to customers in Alberta; provided solar power since 2009; installed over 600 systems representing approximately 50% of the installed home solar in Alberta

\$912.87 million (2001)

Hydro Ottawa Holding Inc.

(613) 738-5499 d&b

(613) 738 6400

Electric Power Generation, Transmission and Distribution Industry; 600 employees; 118 companies in the corporate family; a regulated electricity distribution company operating in and owned by the City of Ottawa; the 3rd-largest municipally owned electrical utility in Ontario; maintains the electricity distribution systems in the city, and serves over 335,000 residential and commercial customers

\$902.14 million (2017)

BFI Canada (Waste Connections of Canada Inc.)

(905) 532-7510

Mary Anne Whitney, Executive VP & Chief Financial Officer

Business Development

<https://www.wasteconnectionscanada.com/business-development>

Waste Treatment and Disposal Industry; 2,670 employees; 573 companies in the corporate family; a garbage collection company, providing non-hazardous solid waste collection, recycling, composting, renewable energy production and landfill disposal services to commercial, industrial, municipal and residential customers serving millions; merged with Progressive Waste Solutions becoming the 3rd largest solid waste management company in North America with a network of operations in 39 states and five provinces

\$869.68 million (USD)

Altalink, L.P. (subsidiary of Berkshire Hathaway Energy)

(403) 267-3400

Dave Koch, Executive VP & CFO

Electric Power Generation, Transmission and Distribution Industry; 750 employees; 7,604 companies in the corporate family; Alberta's largest regulated electricity transmission company; generated from thermal energy, wind power and hydro; \$623.39 million (2015)

Newfoundland Power Inc. (a subsidiary of Fortis Inc.)

(709) 737-5600

Paige London - VP Finance & Chief Financial Officer

Electric Power Generation, Transmission and Distribution Industry; 573 employees; 139 companies in the corporate family; operate an integrated electricity generation, transmission and distribution system throughout the island portion of Newfoundland and Labrador - the primary distributor of electricity on the island with 12,850 Kms of transmission and distribution lines on the island; 23 hydro plants

\$548.56 million (2020)

Northland Power

416) 962-6262

Wassem Khalil, Senior Director, Investor Relations & Strategy

(647) 288-1019 (Toronto)

[investorrelations@northlandpower.com](mailto:investorrelations@northlandpower.com)

has a significant inventory of early to mid-stage development opportunities encompassing approximately 4 to 5 GW of potential capacity; some of its current projects under construction and in development include solar and on and off shore wind in Mexico, New York State, Taiwan and Poland; has been building and operating efficient natural gas facilities since 1990- its six facilities use turbines to produce electricity in an efficient, reliable and environmentally responsible manner; vision to be a top clean and green developer, constructor, owner and operator of sustainable infrastructure assets

\$2.061 billion (2020)

Ballard Power Systems

604.412.7919 (Vancouver)

Paul Dobson, Senior VP & Chief Financial Officer

[investors@ballard.com](mailto:investors@ballard.com)

Paul Dobson, Sr. P & Chief Financial Officer

Investor Relations

604.412.7919

investors@ballard.com

in Canada, Europe, U.S.A. and China; makes emission-free proton exchange membrane fuel cells and systems used in electric buses, forklifts and as backup power - the stacked thin cells generate electricity by combining hydrogen fuel with oxygen, leaving only water and heat as by-products - focused on applications where hydrogen fuel cells have a clear advantage and we are working on accelerating fuel cell technology adoption; the company has three key geographic markets - China, Europe and California; it operates through a handful of facilities in Canada, Denmark, China and the US

\$103 million (2020)

Boralex Inc.

819-363-6363 (Canada, HQ)

518 747-0930 (New York)

+33 (0)4 78 92 68 70 (France)

Bruno Guilmette, VP & Chief Financial Officer

has been providing affordable renewable energy accessible to everyone for over 30 years - hydro power, wind, solar, biomass (such as gasification) or biochemical processes to transform plant organic matter into electricity and heat and storage; a leader in the Canadian market and France's largest independent producer of onshore wind power, also have facilities in the United States and development projects in the United Kingdom; installed capacity has more than doubled over the past five years; developing a portfolio of more than 3 GW in wind and solar projects and nearly 200 MW in storage projects

\$464.88 million (2020)

First National Energy Corp.

(Canada)

(416) 918-6987 (Canada)

<https://firstnationalenergy.com/fnecv>

no financial information; planning to assist Farmers Unions in USA and Canada to create an independent Micro Grid to their over 230,000 family farm members in arranging long term flat rate power agreements at discount rates. VRTB/FNEC Turbines would be installed at no cost to the farmers and therefore they would realize savings after the first month

## Green Energy Geothermal

HQ in Iceland; no phone number except for Kenya

Jordan Oxley, Director & Financing Manager (CEO of Energy Co-invest Global), an energy developer and financier with projects in several countries principally in renewable power generation and cleantech)

leading company in the geothermal market in 2019

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.ca.html?page=2>

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## Australia

BP Solar Pty Ltd. (a subsidiary of BP)

+61 3 926 8 4111

\$21.79 billion (2011)

Coregas (a subsidiary of Wesfarmers)

1 800 807 203

<https://www.coregas.com.au/contact>

Alan Watkins, Executive General Manager

is the only Australian industrial gases company; manufacturing compressed gases, cryogenic liquids, hydrogen gas, Argon gas, laser gas and compressed air locally and distribute throughout Australia and New Zealand via a network of branches and third parties - to almost all industries, ranging from heavy industry and manufacturing, to healthcare and specialty users such as laboratories

\$20.19 billion (2020)

Ampol (formerly Caltex)

+61 2 9250 5000

Greg Barnes, Chief Financial Officer

[investor@ampol.com.au](mailto:investor@ampol.com.au)

the country's largest fuel network with more than 1,900 service stations; so has eMobility opportunities; has refining operations; commencing production of Mobil lubricants

\$11.21 billion (2020)

Origin LGC Aust Pty Ltd

+61 2 8345 5000d&b

+61 399 570 052

Lawrie Tremaine, Chief Financial Officer (male)

one of Australia's leading energy retailers; provide a range of renewable energy options to thousands - use a range of energy sources to make electricity, from traditional fuels like coal and natural gas to renewables like the wind and the sun; also has batteries; explore looking for natural gas reserves to develop as a future energy source - a leading gas producer for Australian and international markets  
\$10.20 billion (2019)

...v...

OE JV Co Pty Ltd

+61 2 8345 5000

Electric Power Generation, Transmission and Distribution Industry; has 5,200 employees  
\$9.37 billion (2021)

...v...?

Origin Energy

+61 3 9652 5555

into everything energy - exploration, generation, supply and renewables - provide a range of renewable energy options to thousands of Australians; its domestic and international portfolio of energy generators includes wind, solar and storage technologies - wind and solar (plus coal and natural gas); plus explore looking for natural gas reserves; plus installed more than 1.6 million solar panels to date  
\$1.70 billion (2020)

AGL APG Holdings Pty Limited

+61 2 9921 2999 d&b

+613 8633 6000

Damien Nicks, Chief Financial Officer

delivers 4.5 million gas, electricity, and telecommunications services to our residential, small and large business, and wholesale customers across Australia; operates Australia's largest electricity generation portfolio; proud to be the largest ASX-listed investor in renewable energy generation in the country; plays a leading role in developing a pathway to a modern, decarbonised generation sector, developing and investing in new renewable and near-zero emission technologies;

turn sunshine and wind into energy as the primary sources of our renewable generation, we also operate a number of landfill gas, biogas and hydroelectric schemes; installs solar panels and offers solar batteries  
\$8.47 billion (2021)

...V...

Australian Power and Gas Company Limited

+61 2 9921 2999

the country's leading independent energy retailer; one of the fastest growing companies serving customers in Victoria, New South Wales and Queensland

...V...

AGL Corporate Services Pty. Ltd.

+61 2 9921 2999

operates and develops renewable generation assets: electricity from solar, geothermal, biomass and landfill gas

...V...

WA Power Exchange Pty Ltd.

+61 8 9420 0300

...V...

Perth Energy Holdings Pty Ltd

+61 8 9420 0300

Worley Power Services Pty Limited

+61 2 9867 5500

<https://www.worley.com/enquiry-form>

Chris Ashton, CEO & Managing Director

Investor relations

Veréna Preston

+61 40212 5930

[investor.relations@worley.com](mailto:investor.relations@worley.com)

involved in energy, chemicals and resources; grown our capability and footprint through the acquisition of an incredible collection of companies: 2019 - acquires

offshore wind energy specialist 3sun Group, enhancing its strategic presence in the sector and broadening its role in the energy transition  
\$7.37 billion (2021)

Mobil Australia (a subsidiary of Exxon Mobil Corporation)\*

+61 3 9261 0000 d&b

1 800 105 961 (HQ for Exxon Mobil companies in the country)

aucustomer@exxonmobil.com

Subsidiaries include Mobil PNG Gas Holdings Pty Ltd.

\* has gas stations throughout the eastern seaboard of the country; eMobility opportunities

\$7.10 billion (2020)

EnergyAustralia Pty. Ltd.

+61 3 8628 1000

<https://www.energyaustralia.com.au/home/help-and-support/contact-us/general-enquiries-form>

offers electricity, natural gas, heating, water and waste management services; offers solar power and battery storage

\$4.37 billion (2020)

Neverfail Springwater (Real Oz Water Supply Co (QLD) Pty Limited)

+61 2 13 30 37

<https://www.neverfail.com.au/contact-us>

has over 70,000 active customers and 130+ independently owned local distributors and contractors across the country: the #1 spring water cooler brand; the H2O is obtained from subterranean sources, across all mainland states of Australia

\$3.47 billion (2020)

**Australia Pacific LNG Processing Pty Limited**

+61 7 3021 3300 d&b

1 800 526 369

contact@aplng.com.au

largest producer of coal seam gas (CSG), supplying Queensland's domestic gas market, as well as processing CSG into liquefied natural gas to meet growing export demand; a joint venture between Origin (37.5%), ConocoPhillips (37.5%) and Sinopec (25%)

\$3.44 billion (2021)

**Santos WA Asset Holdings Pty Ltd (a Santos subsidiary)\***

+61 8 6218 7100

Anthony Neilson, CFO

\* biggest domestic gas supplier and aims to be a leading Asia-Pacific LNG supplier

\$3.39 billion (2020)

**Energy Queensland Limited**

+61 7 3851 6000 d&b

+61 7 13 12 53

the group of electricity distribution, retail and energy services businesses 100% owned by the state of Queensland; 2.3 million customers across Queensland + 746,000 retail customers; 178,000 Kms of power lines; 7,526 employees;

\$3.76 billion (2021)

**Stanwell Corporation**

+61 7 3228 4333

Michael O'Rourke, Chief Financial Officer

owns 40 per cent of Queensland's low-cost, coal-fired generating capacity; but developing a bioenergy capacity + undertaking a joint feasibility study into a concentrated solar thermal hybrid power plant + investigating pumped hydro and chemical battery storage solutions to create value for our portfolio and help facilitate the integration of variable renewable energy into the energy system + investigating opportunities to develop a large-scale green hydrogen industry + partnering with renewable energy projects + have an offtake agreement with Clarke Creek Wind Farm

\$2.54 billion (2019)

...V...

**CS Energy Mica Creek Pty Ltd**

Alinta Energy

+61 8 6254 3506

customer.service@alintaenergy.com.au

sells gas and electricity to over one million customers and we employ 800 people across Australia and New Zealand;

in WA operates in the Pilbara and the south west, including Perth; further east in South Australia, Victoria, New South Wales and South East Queensland; also operate distribution infrastructure across Australia; underwriting or directly investing in 1,500MW of large scale renewable energy by 2025 - solar power, battery storage and major wind farm operations  
\$2.33 billion (2019)

...v...

Braemar Power Finance Pty Ltd. & Alinta Energy Finance Pty Ltd

...v...?

Alinta EH Pty Ltd. (Jemena EH Pty Ltd)

+61 3 9173 7000 d&b

+61 1300 536 362

David Gillespie, Chief Financial Officer

owns and operates a diverse portfolio of high-quality electricity and gas distribution and transmission assets across northern Australia and the country's east coast; has more than \$11 billion worth of major utility infrastructure; supplies millions of households and businesses with essential services

\$1.24 billion (2020)

Meridian Energy Limited (a subsidiary of Meridian NZ)

<https://meridianenergy.com.au/contact-us>

is Australasia's largest 100% renewable energy generator; development and operation of an integrated energy business underpinned by renewable energy generation; operates wind farms, hydropower stations and wind farms; the wind farms provide 116,000 homes

\$2.28 billion (2019)

Sydney Water Corporation

+61 2 9616 2731

Jamie Hollamby, General Manager, Finance

supplies water, wastewater, recycled water\* and some stormwater services to more than 5 million people in Greater Sydney;

\* take wastewater that has been used in homes and businesses, and put it through a multi-step treatment process to remove impurities so it can be safely used again

\$2.03 billion (2019)

### Synergy

+61 8 6212 2222

WA's leading provider of electricity and gas, supplying millions of residential, business and industrial customers across Perth & WA; eMobility tools and information to help customers make the transition

\$1.96 billion (2020)

### Water Corporation

+61 8 9942 3777

the WA government owned company (overseen by the Minister for Water) is the principal supplier of water, wastewater and drainage services throughout the state of WA; employs over 2,746 people; manages an asset base including water supply, wastewater, drainage infrastructure and bulk water for irrigation; working with government, partnering with businesses and supporting the community to take action on climate changes; Perth's winter rainfall is predicted to decrease by up to 15% by 2030; during the development of new water sources steps are being taken to climate-proof the state

\$1.87 billion (2020)

### Snowy Hydro Limited

+61 2 6453 2888

info@snowyhydro.com.au

has 16 power stations across New South Wales, Victoria and South Australia, 1.1 million customers and one-third of energy goes to the National Electricity Market; underpinning the transition to renewables

\$1.77 billion (2020)

### APA VTS B Pty Limited & The APA Group

+61 2 9693 0000

Adam Watson, Chief Financial Officer

a leading Australian natural gas and electricity infrastructure business; owns and/or manages and operates a portfolio of energy assets worth around \$21 billion; the largest natural gas infrastructure business in the country; invested around \$750m in renewable energy - three wind farms and three solar farms

Ross Gersbach is the President of the North American Development division - tasked with progressing APA Group's investment strategy in North America (the office is in Houston)

\$1.72 billion (2017)

Ventia Utility Services Pty Ltd.

+61 2 9413 0000 d&b

+61 2 836 842

<https://www.ventia.com/contact>

one of the largest essential services providers in Australia and New Zealand - provides the services that keeps infrastructure working; industries include defence, education, energy & electricity, water, health, industrial, justice, local gov't, maritime, mining & minerals, oil& gas, property, rail, road, telecommunications

\$1.61 billion (2020)

Hydro Tasmania

+61 3 6240 2898

owned by the Tasmanian Government; Australia's largest generator of clean, renewable energy; 30 power stations and more than 50 major dams; power about 900,000 Australian homes; employ more than 1300 people; is in a unique position to lead the nation in the production of green hydrogen to meet both domestic and global demand

\$1.48 billion (2019)

...V...

Momentum Energy Pty Ltd

+61 3 8612 6400

is an energy retailer based in Victoria retailing electricity to customers in Victoria, New South Wales, South Australia and Queensland; also retails natural gas in Victoria; retails gas and electricity to approximately 266,000 sites across the country; employs around 250 people; helps those who have already installed solar panels

SA Power Networks

+61 8 8404 5667 d&b

+61 8 13 12 61

Kevin Jones, CFO

builds, maintains and upgrades the poles, wires and substations that deliver power to around 1.7 customers; employ more than 2,000

\$1.32 billion (2020)

Ausnet Services Ltd.

+61 3 9483 0989

Mark Illul, CFO & Chad Hymas, Chief Development Officer

Investor Relations

investor.enquiries@ausnetservices.com.au

owns and operates the Victorian electricity transmission network, one of five electricity distribution networks and one of three gas distribution networks in Victoria; plus a range of energy and infrastructure products and services to business, government, communities and households, including advanced energy management solutions enabling community energy hubs and solar mini grids; plus its distribution network supplies natural gas to residential and business customers in western Melbourne and central and western Victoria, through its network of underground gas pipelines; has around 1,700 employees and 1.5 million customers; \$1.26 billion (2021)

Victoria Power Networks (Finance) Pty Ltd

+61 3 9683 4444

<https://www.powercor.com.au/contact-us/general-enquiry>

Garrick Rollason, CFO

owns and manages electricity distribution networks for about 1.2 million, operating a network of poles, wires and infrastructure  
\$1.27 billion (2020)

Endeavour Energy

+61 2 9853 6666 d&b

+61 2 133 718

Francoise Merit, Chief Finance Officer

transitioning from a traditional 'poles and wires' business to a distributed services operator; working with customers, stakeholders and regulators to help deliver a clean energy future where smart meters, batteries and solar enabled customers to generate, store and sell back electricity into the grid; services over 2.5 million  
\$1.25 billion (2015)

SA Water (South Australian Water Corporation)

+61 1300 650 950 d&b

+61 1300 729 283

federal govt owned utility serving more than 1.7 million providing safe, clean drinking water, and once this water has been used, we remove the waste and

treat; employ more than 1,500; investing more than \$300 million by installing solar photovoltaics at more than 30 sites and 34 megawatt hours of energy storage devices - this will be achieved with 360,000 solar panels across more than 30 sites - to put this into perspective, all these panels laid end-to-end would stretch more than 740 kilometres in length; has already installed 26,000 at 4 sites; \$1.10 billion (2019)

#### Essential Energy

+61 13 2391

<https://www.essentialenergy.com.au/contact-us>

a NSW Government-owned corporation, with the responsibility of building, operating and maintaining Australia's largest electricity network - delivering essential network services to more than 800,000 homes and businesses across 95 per cent of NSW and parts of southern Queensland

\$963.69 million (2020)

#### Queensland Urban Utilities

+61 7 3307 2851

<https://urbanutilities.com.au/contact-us/enquiry-form>

Development Services

+61 7 3432 2200

[developmentenquiries@urbanutilities.com.au](mailto:developmentenquiries@urbanutilities.com.au)

responsible for the delivery of retail water supply and wastewater services

\$940.74 million (2020)

#### Thd Downer Group

+61 8 9318 9111 d&b

+61 2 9468 9700

<https://www.downergroup.com/contact-us>

provides power and gas distribution, renewable energy and power systems and water; one of Australia's largest and most experienced providers in the renewable energy market and power systems sectors, delivering services to customers requiring both utility and commercial scale sustainable energy solutions - more than 2.3 GW of renewable energy is generated by plants Downer has built or is currently delivering involving solar and wind (14); helped to deliver Victoria's first utility-scale Battery Energy Storage System; services include design, construction, operations, maintenance and meter reading across water and wastewater treatment, water and wastewater networks and biosolids management

\$869.84 million (2020)

CS Energy Limited

+61 7 3854 7777

<https://www.csenergy.com.au/contact>

Andrew Varvari, CFO

generates and delivers electricity from power stations; plus has coal assets; its renewables portfolio includes partnerships with wind and solar facilities; also investigating hydrogen and are involved in 2 projects - includes the co-location of a solar farm, battery, hydrogen electrolyser and a hydrogen fuel cell next to CS Energy's Kogan Creek Power Station

\$841.29 million (2020)

Yarra Valley Water Ltd.

+61 3 9872 1699 d&b

+61 3 9872 1353 (HQ)

<https://www.yvw.com.au/contact/enquiry-form>

Natalie Foeng, Chief Financial Officer

Melbourne's largest retail water utility, providing essential water and sanitation services to 2 million people and more than 58,000 businesses; buy bulk water from Melbourne Water for distribution to our customers; remove and treat sewage, most of which is transferred to Melbourne Water's treatment plants; the rest is treated at our ten regional plants, where it also recycles water for use in homes, sports fields and public spaces; also built its first waste to energy facility to process commercial food waste into clean, renewable energy

\$748.42 million (2020)

IXOM International Holdings Pty Ltd.

+61 3 9906 3000

Bryce Wolfe, Finance Director & CFO

the market leader in water treatment and chemical distribution in Australia and New Zealand, with a growing presence in North and South America and Asia - a long history of supplying chemicals for agriculture, mining, life sciences, building and construction; more than 1,000 employees globally - U.K., Indonesia, Malaysia, Singapore, Thailand, Colorado and Fiji

\$677.43 million (2020)

Aurora Energy Pty Ltd

+61 3 6237 3400

a Tasmanian Government-owned electricity retailer; its two shareholders being the Minister for Energy (as the Portfolio Minister) and the State Treasurer; most of its electricity comes from renewable sources including hydro, wind and solar  
\$651.06 million (2020)

Powerlink Queensland

+61 7 3860 2111 d&b

+61 1800 635 369

<https://www.powerlink.com.au/contact-us>

Darryl Rowell, CFO

a gov't owned leading Australian provider of high voltage electricity transmission network services that extends 1,700 kilometers providing electricity to 5 million Queenslanders and 238,000 businesses  
\$634.73 million (2020)

Australian Energy Market Operator Limited

+61 3 9609 8000

<https://www.aemo.com.au/contact-us>

Julie Williams, Chief Financial Officer

promotes the efficient investment in, and efficient operation and use of, gas and electricity for the long-term interests of Australian consumers; oversee the operations and security of the National Energy Market power system in eastern and south-eastern Australia and the Wholesale Energy Market in Western Australia, as well as the Declared Transmission System in the Victorian Declared Wholesale Gas Market

\$568.96 million (2020)

United Energy Distribution Holdings Pty. Ltd.

+61 3 8846 9900

Garrick Rollason, Chief Financial Officer

distribute electricity to more than 660,000 customers across east and south east Melbourne and the Mornington Peninsula; plus manage a network of 204,000 poles and over 13,000 kilometers of wires

\$522.09 million (2020)

Australian Gas Infrastructure Group

+61 8 8227 1500

agnl@agig.com.au

one of Australia's largest natural gas distribution companies; own approximately 25,000 kilometers of natural gas distribution networks and 1,100 kilometers of natural gas pipelines, serving over 1.2 million consumers in South Australia, Victoria, Queensland, New South Wales and the Northern Territory; it generates revenue by charging retailers to transport natural gas through our networks  
\$519.00 million (2014)

Acciona Industrial Australia Pty Limited

+61 3 9624 4200 d&b

+61 3 9027 1000...v... and +61 3 9624 4200...v...

energy.melbourne@acciona.com, infrastructure.melbourne@acciona.com

delivers complex, large-scale infrastructure and energy projects; generates clean energy in many technologies including; wind, solar PV, solar thermal, hydro and biomass; is the largest 100% clean energy company in the world; also markets electricity of 100% renewable origin in the electricity markets; developed its own wind turbine-generator technology, which capped its success by agreeing to merge with the German company Nordex in 2016, creating a global leader in turbine manufacturing; is currently building a fifth wind farm; leads the water treatment sector through its design, construction and operation of drinking water treatment plants, waste water treatment plants, reverse osmosis desalination plants and tertiary treatments for water reuse; uses careful planning and technology to create safe and reliable transport networks - offers sustainable solutions in the fields of bridge engineering, tunnels, special transport structures, as well as in ports, airports, airport services

€6.472 million (2020)

Infigen Energy Ltd. (a subsidiary of Spain's Iberdrola - see supra)

+61 2 8031 9900

assets include the Alinta Wind Farm comprising 54 Vestas V82 turbines + the Bodangora Wind Farm with 33 turbines + Capital Wind Farm with 67 Suzlon S88 turbines + the Lake Bonney Wind Farms with 112 wind turbines + the Woodlawn Wind Farm with 23 Suzlon S88 wind turbines

\$191.81 million (2020)

Australian Hydrogen Generation (a division of Amtronics)\*

+61 2 8012 9602\*

info@h2gen.com.au, info@amtronics.com.au

<https://australianhydrogengeneration.com.au/contact>

manufactures hydrogen and oxygen generators; Mercury Hydrogen generators can be fed by renewable energy sources, in order to be used as clean energy storage systems coupled with fuel cells; with ErreDue gas purifiers clients can purify and reuse the following gases: hydrogen, argon, oxygen, nitrogen CHG etc.; ErreDue designs and manufactures a wide range of equipment for gas purification, produced either by generators or from external sources

Goldwind Australia (a subsidiary of Xinjiang Goldwind Science & Technology)

+61 2 9008 1715

[info@goldwindaustralia.com](mailto:info@goldwindaustralia.com)

<http://www.goldwindaustralia.com/contact-us>

Carol Gu, Chief Financial Officer

world Leader in PMDD Turbine Technology; offers comprehensive wind power solutions, including investment, construction, and operational and maintenance services; Goldwind International consists of 7 regional centers: Goldwind Australia, Goldwind America, Goldwind South America, Goldwind Asia, Goldwind Europe and Goldwind Africa; seeking a larger stage and more resources to continue growing and developing; offers a comprehensive menu of services including R&D, project development, turbine manufacturing, project management and after-sales services

\$352.12 million (2020)

Finn Biogas Pty Ltd.

+61 7 3379 5853

[info@finnbiogas.com](mailto:info@finnbiogas.com)

<https://finnbiogas.com>

design and build biogas plants in order to put the World's waste to work; food producers, wastewater treatment authorities, energy companies and agricultural clients; deliver projects in Australasia, South-East Asia, North and Central America and Europe; undertake all stages of plant delivery from concept design through to construction, commissioning, and handover

\$549,087 (2020)

Tilt Renewables

+61 1300 660 623

[info@tiltrenewables.com](mailto:info@tiltrenewables.com)

Steve Symons, Chief Financial Officer and Clayton Delmarter, Executive General Manager, Renewable Development

a fresh approach to energy generation and aim to be the leading developer, owner and manager of renewable energy generation assets in Australia; aim to be the leading developer, owner and manager of renewable energy generation assets in the country; its strategy is to more than double its current operating renewable generation capacity over the next 5 years and then to position beyond 2020 for further wind and solar build

\$101.43 million (2020)

CWP Renewables

+61 8 8384 7755

Tin Michalas, CFO, Ed Mounsey, Head of Development & Graham Denton, Head of Project Finance

on a mission to transform Australia's energy landscape; develops, operates and owns renewable energy assets; involved in prospecting, development, structuring & finance, construction and operations; powers 200,000 homes; made \$83.4 million in regional investment; operates 6 wind farms, 1 solar farm and is involved in lithium-iron phosphate battery development

\$10.18 million (2020)

Epuron Pty Ltd.

+61 2 8456 7400

info@epuron.com.au

<https://epuron.com.au/contact>

Martin Poole & Andrew Durran, Executive Directors & Co-founders

leading Australia's renewable energy growth; has been developing solar and wind energy projects in Australia since 2003; has developed the highest yielding wind farm, largest wind farm, the largest number of wind farms, and the largest number of wind turbines in NSW; is working with both mining and utility clients to provide reliable, off-grid power using solar and wind energy to supplement diesel or gas power supplies; also provides services to various clients in the renewable energy industry, including landowners, utilities, industrial partners, and other development companies

\$4.23 million (2020)

GreenPowerCo

+61 3 9670 8700 d&b

+61 3 9544 9880

specializes in the design and installation of a range of solar and battery storage solutions ranging from micro systems to multi mega watt solar farms; its finance packages include PPA and low doc arrangements; installed over 3,000 residential solar power systems Australia wide; experts in the design, installation and commissioning of stand alone systems for commercial, government and industrial applications; batteries play an important roll in providing power autonomy, and can be scaled up to eliminate the need for a backup generator; it designs systems for 2 - 4 days of autonomy; offers a complete solution, from consultation, design, supply and installation for underfloor hydronic heating

\$2.50 million (2020)

WestWind Energy

+61 3 5421 9999

reception@w-wind.com.au

mission is to be a driver of change towards a sustainable energy future for our planet - the development of cost effective renewable energy generation and storage solutions; has several wind farms

\$2.33 million (2020)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.au.html?page=7>

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## New Zealand

Genesis Power

+64 800 400 460

Chris Jewell, Chief Financial Officer

a diversified New Zealand energy company, selling electricity, reticulated natural gas and LPG through its retail brands; the country's largest energy retailer with around 500,000 customers; it generates electricity from a diverse portfolio of thermal and renewable generation assets located in different parts of the country

\$3.2 billion (2021)

...v...?

Genesis Energy Limited

+64 95 802 094

<https://www.genesisenergy.co.nz/contact-and-support>

sells electricity, reticulated natural gas and LPG; New Zealand's largest energy retailer with around 500,000 customers; generates electricity from a diverse portfolio of thermal and renewable generation assets

\$1.58 billion (2020)

Meridian Energy Limited

+64 48 027 533 d&b

+64 80 049 6496

[hello@meridian.co.nz](mailto:hello@meridian.co.nz)

Mike Room, CFO

all the electricity generated comes from 100% renewable sources - wind, water and solar - 5 wind farms, 7 hydro power stations and commercial solar arrays + in Australia owns 2 wind farms and 3 hydro power stations; is one of New Zealand's largest listed companies and employs around 1,000 people across New Zealand and Australia; the New Zealand Government is our majority shareholder at 51%

\$2.44 billion (2020)

Contact Energy Limited

+64 44 994 001

Dorian Devers, Chief Financial Officer

a leading power generation and utility company; the company serves a group of more than half a million commercial and private users on a national level; other business areas are the supply of liquid and natural gas; provides about a quarter of the total electricity supply on the island of New Zealand and almost half of the gas supply; own and operate 11 power stations and produce 80-85% of our electricity from our renewable hydro and geothermal stations

\$1.49 billion (2020)

Mercury Energy Limited

+64 93 088 200

<https://www.mercury.co.nz/help/contact-us.aspx>

Investor Relations ???

+64 275 173 470

he most widely-owned business in New Zealand with core strengths in harnessing renewable energy; has a section on eMobility  
\$1.12 billion (2017)

...v...?

Mercury NZ Limited  
\$1.06 billion (2020)

Vector Limited  
+64 99 787 788 d&b  
+64 93 089 367 Vector Communications  
<https://www.vector.co.nz/contact-us>  
largest distributor of electricity (which includes solar) and gas in the country, owning and operating networks which span the Auckland region; installed over 15,000 new electricity and gas connections in 2020 + planted more than 26,735 native trees and shrubs  
\$743.28 million (2020)

Trustpower Limited  
+64 75 729 800  
Kevin Palmer, CFO  
supplies electricity (operates 38 hydro power stations) and gas to 270,000 customers; over 799 employees; its partnerships with Barrhill Chertsey Irrigation and Central Plains Water, will supply up to 50 million cubic metres of water with the potential to irrigate 40,000 hectares  
\$677.01 million (2021)

Transpower New Zealand Limited  
+64 45 907 000  
is the state-owned enterprise responsible for electric power transmission in the country; its board of directors include the Minister of Finance and the Minister of State-Owned Enterprises; is looking into battery storage for large-scale uptake of solar PV and electric vehicle charging; working hard to cut emissions arising across our supply chain; from how we build, operate and maintain the grid, to electrify our vehicle fleet and from energy use in our buildings and sub-stations  
\$602.00 million (2020)

For companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.nz.html?page=1>

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## Japan

Tokyo Electric Power Company

+81 363 731 111

<https://www4.tepco.co.jp/en/other/contact/general-e.html>

Tomoaki Kobayakawa, President

Investor Relations

<https://www4.tepco.co.jp/en/other/contact/ir-e.html>

supplies power to over 29 million customers in Tokyo, Yokohama, and the rest of the Kanto region; as one of the world's largest electric utilities, it generates more than 5 billion kWh of solar, wind and hydroelectric power  
\$55.76 billion (2021)

Kansai Electric Power Co., Inc.

+81 66 441 8821

Shigeki Iwane, President

the country's #2 electric utility (behind Tokyo Electric); it provides electricity to more than 13 million customers in the Kansai region; produced at hydroelectric, fire power and nuclear power plants; has added biomass power; also added resource recycling; participates in power generation and transmission projects in 11 countries around the world, including Asia, Europe and the United States; in developing countries it has been developing international cooperation and contribution activities through consulting and workshops on power infrastructure development; references the UN's sustainability goals: #7, 12 and 13  
\$29.39 billion (2021)

Chubu Electric Power

+81 52 951 8211

Kingo Hayashi, President

Nagano Prefecture, Renewable Energy Company President

the company supplies power to about 16 million people in central Japan's Chubu region; it has biomass, hydroelectric, nuclear, wind and solar power generating facilities, and it has moved into newer industries, including natural gas supply

\$27.90 billion (2021)

Tohoku Electric Power Co., Inc.

+81 22 225 2111

Jiro Masuko, Chairman of the Board

the fourth-largest electric utility, it produces power for 7.6 million primarily through its thermal, hydroelectric and nuclear power plants, and is developing solar and geothermal power plants and looking into wood biomass fuel

\$21.74 billion (2021)

Tokyo Gas

+81 357 220 111 d&b

+81 333 449 100 wiki search

Eito Tjuji, General Manager of Corporate Planning Dept.

Tokyo Gas America: 713-465-1811, Houston

the country's #1 gas company, producing and distributing natural gas to some 12 million customers in Tokyo and the surrounding area via its 63,000 kilometers of pipelines; also provides heating and cooling services, operates LNG tankers and terminals, manages real estate properties, provides utility construction services, develops and sells gas appliances and distributes gas overseas; is engaged in LNG and natural gas related projects in Australia, North America and Southeast Asia; will focus on acquiring renewable energy power sources with the aim of achieving zero CO<sub>2</sub> nets in the future; will expand our overseas business by focusing on resource development business, renewable energy business, and LNG infrastructure business in North America, Australia, Southeast Asia, and Europe

\$16.78 billion (2021)

Osaka Gas Co., Ltd.

+81 662 054 537

[https://www.osakagas.co.jp/ssl/form/mailshori\\_en](https://www.osakagas.co.jp/ssl/form/mailshori_en)

Masataka Fujiwara, President

a large Japanese gas supplier, the utility serves more than 9 million customers; it imports a large amount of its gas and has production operations in Australia and Indonesia; it also owns liquefied natural gas (LNG) terminals and tankers; has branched out into electricity, generating and marketing power to wholesale and large retail customers in Japan and abroad - UK, USA, Australia, Singapore, Thailand and Indonesia; it maintains a pipeline of approximately 62,400 km and a power generation capacity of 2 megawatts in Japan; other operations include gas

appliance sales and pipeline installation; has plans to reduce CO2 emissions, curb waste generation while promoting recycling; targets: the use of solar and wind power systems, biomass and other renewable energy sources  
\$12.97 billion (2021)

Chugoku Electric Power Co. (a subsidiary of Energia)  
+81 82 241 0211

[https://inquiry.energia.co.jp/webapp/form/22903\\_xwhb\\_19/index.do](https://inquiry.energia.co.jp/webapp/form/22903_xwhb_19/index.do)

Shimizu Mareshige, President & Chief Executive Officer

generates, transmits and distributes electricity to 5.3 million customers; the company has 114 power plants and traditional thermal plants; intends to increase its use of nuclear power and is also researching alternative energy sources; is entering new business markets including consulting, construction, fuel supply and telecommunications; has 2 solar power farms

\$12.43 billion (2021)

J Power (Electric Power Development Co.)  
+81 33 546 2211

Akihito Urashima. CEO

the company supplies power used all over Japan with 67 hydroelectric plants as well as some thermal and geothermal plants, and owns a transmission network that covers 2,400 km; it also acts as a wholesale electric utility, selling to other electric power companies; has 33 projects in 5 countries, including Thailand (biomass, gas), China (hydro, coal, wind and solar), the United States (gas, jet fuel, solar & solar storage) and Philippines (hydro & solar); under construction: Indonesia (coal), UK (offshore wind), Australia (pumped-storage hydroelectric, solar & onshore wind)

\$8.64 billion (2021)

Hokkaido Electric Power Co., Inc. & HEPCO Group  
+81 11 251 1111

Yutaka Fujii, President

distributes and sold around 23,700 million kWh of electricity to customers on a northernmost Japanese island; it operates more than 12,500 km and about 66,680 km (overhead) of transmission and distribution lines, and it owns thermal, hydroelectric and nuclear power plants; the HEPCO Group of companies also purchases and markets wholesale energy; other operations include engineering and construction

\$7.04 billion (2021)

Shikoku Electric Power

+81 878 215 061

Yoshihiro Miyamoto, Renewable Energy Department

is 1 of 10 regional electric utilities licensed by the Japanese government to generate, transmit and distribute power; it provides residential lighting and industrial and commercial power to about 3.9 million people; has a generating capacity primarily from nuclear and fossil-fueled plants; however, it is converting some of its oil-fueled plants to liquefied natural gas

\$6.84 billion (2021)

Hokuriku Electric Power

+81 76 441 2511

Wataru Hirata, Director & Managing Executive Officer

the utility owns and operates hydroelectric, thermal and nuclear power plants; distributes electricity to approximately 2.1 million customers; its expanding into thermal and hydro power and solar and wind the company has expanded into new business arenas, such as construction

\$6.08 billion (2021)

Iwatani Corporation

+81 676 373 131

Itaru Ookawa, Director & Senior Managing Executive Officer

the company's largest business unit, energy and general household products, supplies liquefied petroleum gas (LPG) to both businesses and consumers, as well as related household products; also is a major supplier of industrial gases such as nitrogen, oxygen, argon and carbon dioxide to electronics, steel, chemical and paper manufacturers; looking into the construction of a large-scale green liquified hydrogen supply chain between Japan and Australia - 6 companies have signed a MOU

\$6.04 billion (2021)

Toho Gas

+81 528 729 342

one of Japan's leading gas companies, providing it to more than 50 cities and about 20 towns; also provides about 420,000 tons of liquefied petroleum gas to about

2.34 million customers; also has a 28,000-km pipeline network and imports natural gas primarily from Australia, Indonesia, Malaysia and Qatar; the company also constructs gas pipes and paves and repairs roads; working to curb emissions and promote recycling through Reduce, Reuse, Recycle initiatives  
\$4.13 billion (2021)

Okinawa Electric Power Company, Incorporated  
+81 988 772 341  
Okinawa New Energy Development Co., Ltd.  
+81 989 232 212  
an electric utility  
\$1.81 billion (2021)

Nipon Gas Co., Ltd.  
+81 353 082 111  
Shinichi Kiyota, Managing Executive Officer In charge of Corporate Strategy & Investor Relations  
is evolving from a gas to an all-inclusive energy company; provides services to over 1.3 million customers; deregulation has enabled its group companies in the United States to become a company that is embraced by 211,000 households - established Entrust Energy East Inc.; plus EnergyLink Holdings Pty Ltd. in Australia - an electricity energy management service  
\$1.36 billion (2021)

EREX Co., Ltd.  
+81 332 431 185  
promoting initiatives that contribute to the sustainable development centered on renewable energy; focusing on biomass power generation  
\$1.35 billion (2021)

Shizuoka Gas Co., Ltd.  
+81 542 844 141  
Hiroyuki Kishida President & Representative Director  
distributor of gas, operating in two segments: the Gas segment is engaged in the manufacture, supply and sales of gas, as well as manufacture and sales of liquefied natural gas with its subsidiaries + the Liquefied Petroleum Gas segment

is engaged in the sales and wholesale of LPG, sales of associated equipment, as well as piping working  
\$1.16 billion (2020)

Hokkaido Gas Co., Ltd. & Kita Gas Group  
+81 117 928 110  
Hiroshi Otsuki, President & CEO  
electricity generated from nuclear, gas, coal, hydro, oil and renewables  
\$1.12 billion (2021)

Keiyo Gas Co., Ltd.  
+81 473 254 111  
Hiroshi Hanyu, President & CEO  
engages in the production, supply, and sale of city gas; offers gas fitting works and gas equipment sales  
\$849.13 million (2020)

Hiroshima Gas Co., Ltd.  
+81 822 512 151  
Osamu Nakamura, Managing Executive Officer, Chief Senior Director of Business  
operates in two business segments: its gas segment is engaged in the manufacture, supply and sale of gas + its gas segment is also involved in the sale of gas equipment as well as provision of gas equipment installation services; its Liquefied Petroleum Gas segment is involved in the sale of LPG and LPG equipment as well as the provision of LPG plumbing installation services; the others businesses include the construction of piping works and the installation of machinery equipment  
\$696.24 million (2021)

For companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.jp.html?page=2>

Japan Renewable Energy Co.  
+81 364 554 900  
will establish renewable energy as Japan's main source of power to achieve the country's 2050 carbon neutral goal; references solar, on- and off-shore wind, biomass power generation, recycling eco-green

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## Philippines

### Manila Electric Company

+63 286 334 553

Betty C. Siy-Yap, Sr. VP & Chief Finance Officer

the largest utility in the country providing power to 7 million customers in 36 cities and 75 municipalities; it prepared for greater competition by moving into non-regulated activities, including energy; nothing on renewables

\$5.70 billion (2020)

### Aboitiz Power Corporation

+63 277 932 800

Sabin M. Aboitiz, Chairman

its generation capabilities include river and large hydro, coal, oil, geothermal and solar; its distribution network includes several companies; continues to explore more opportunities to develop renewable energy; its 10-year energy transition strategy will bring its portfolio mix to an almost 50:50 Cleanenergy and Thermal capacities by 2030

\$2.28 billion (2020)

### First Philippine Holdings Corporation & The Lopez Group\*

+63 285 558 080

Richard Raymond Tantoco, Director & Executive Vice President

Its power generation subsidiary, First Gen Corporation (First Gen), is a renewable energy producer, with power plants that use geothermal, hydro, and natural gas for fuel; it operates the country's first large-scale silicon wafer-slicing facility called First Philec Solar Corporation (FPSC), which supplies some of the world's photovoltaic companies; and is a management and investment company whose major business is power generation and distribution, with strategic initiatives in manufacturing and property development

\* under its First Philippine Holdings Corp, it announced that the Group is going to enter the eMobility market by bringing zero-emission eBuses to the country

\$2.11 billion (2020)

National Grid Corporation of the Philippines

+63 288 637 100

[https://www.ngcp.ph/contact?](https://www.ngcp.ph/contact?__cf_chl_jschl_tk__=pmd__HWlvb92tOejqGc1PtQKQg3Aabd4NzKzl8AquaXFphM-1634039479-0-gqNtZGzNAfujcnBszQl9)

[\\_\\_cf\\_chl\\_jschl\\_tk\\_\\_=pmd\\_\\_HWlvb92tOejqGc1PtQKQg3Aabd4NzKzl8AquaXFphM-1634039479-0-gqNtZGzNAfujcnBszQl9](https://www.ngcp.ph/contact?__cf_chl_jschl_tk__=pmd__HWlvb92tOejqGc1PtQKQg3Aabd4NzKzl8AquaXFphM-1634039479-0-gqNtZGzNAfujcnBszQl9)

in charge of operating, maintaining and developing the country's state-owned power grid

£14.54 billion (2020)

Manila Water Corporation

+63 279 175 900

<https://www.manilawater.com/corporate/contact-us>

Investor Relations

Mark S. Orbos, Director for Corporate Strategy and Investor Relations

+632 8981 8130

[invrel@manilawater.com](mailto:invrel@manilawater.com)

is the exclusive provider of water and used water services to over seven million people consisting of 23 cities and municipalities; collects and treats wastewater through two methods: desludging of septic tanks and hauling the collected wastes to septage treatment plants and direct conveyance of used water from households and commercial establishments via sewer pipelines to sewage treatment plants; has also ventured into major cities outside Metro Manila and into the Asia-Pacific region having established management contracts and investments internationally in Vietnam, Indonesia and Thailand; has 1,800 employees

\$6.077 billion (2020)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information/utilities.ph.html?page=1>

Solenergy Systems Inc.

\_53 917 534 1909 (cell)

[info@solenergy.com.ph](mailto:info@solenergy.com.ph)

<https://solenergy.com.ph/#contact-us>

is revolutionizing the renewable energy industry in the country; creating solutions across the nation; pursuing grid-tiered solar power, off-grid solar power, utility-scale solar systems, PV-diesel hybrid systems and system monitor solutions

Transnational Uyeno Solar Corporation & The Transnational Diversified Group and  
The Uyeno Group (Japan)\*

inquiries@tuscsolar.com

engaged in solar power generation and systems integration

\* Japan's second largest domestic petroleum logistics company and the only

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## Philippines

San Miguel Corporation

+632 86 323 000 d&b

+632 86 323 00

Investor Relations

Reynabeth De Guzman, Head of IR

+632 8-632-3752

SMCInvestorRelations@sanmiguel.com.ph

is one of the top food-to-power conglomerates in the Philippines - revenues equivalent to about 4% of the country's GDP in 2020; 45,522 employees; operates more than 100 facilities in Southeast Asia, Australia, New Zealand and China; its flagship unit is San Miguel Brewery (beer and liquor), while its Pure Food unit manufactures a variety of staples, including meats, dairy products and coffee; also has packaging operations plus owns a major stake in the country's biggest oil refiner, Petron and thus is the largest integrated oil refining and marketing company; has other investments in energy (one of the largest power companies, including greenfield power plants and renewable energy, such as hydroelectric power and more recently the battery energy storage systems; plus manages the construction, operation and maintenance of the country's largest infrastructure network - toll roads, mass rail transit, bulk water supplier and airports

\$15.02 billion (2020)

Manila Electric Company

+632 863 345 53

Ray C. Espinosa, President & CEO

Raymond Ravelo, Chief Sustainability Officer

the largest utility in the Philippines, providing power to 7 million customers in 36 cities (including metropolitan Manila) and 75 municipalities; established a Sustainability Committee in March 2021; has a reforestation program called One for Trees that started in 2019; references the United Nations' Sustainable Development Goals - distinctive focus on four strategic pillars: Power, Planet,

People, and Prosperity; aims to progressively increase its supply from renewable energy sources - it will source at least 1,500 MW of energy from earth-friendly sources in the next five years; is advancing solar PV solutions and microgrids  
\$5.70 billion (2020)

Aboitiz Power Corporation  
+632 7793 2800

Sabin M. Aboitiz, Chairman

a holding company engaged in power distribution, generation and retail electricity services; established the SN Aboitiz Power (SNAP), a joint venture with Norway-based company SN Power Invest AS, in 2005 with the goal of producing renewable energy - it introduced the floating solar farm, the method of putting solar panels on a body of water to lessen land use; references in its list of generation run-of-river hydro, large hydro, coal, oil, geothermal and solar - engaged in medium to large-scale after-the-meter solar power installations  
\$2.28 billion (2020)

...V...

AP Renewables, Inc.

+63 32 886 2800

one of the leading geothermal energy producers in the country, delivers clean and renewable baseload power with the two facilities that it operates

First Philippine Holdings Corporation

+632 855 580 80 d&b

+632 855 580 00

Investor Relations

invrel@fphc.com

owns and operates 30 power plants and projects - use clean, renewable and indigenous fuels such as steam, water, wind, solar and natural gas; also involved in manufacturing and construction

\$2.11 billion (2020)

...V...

Energy Development Corporation (a subsidiary of First Philippine Holdings Corporation supra)

+632 7755 2332

pubrels@energy.com.ph

the world's largest vertically-integrated geothermal power producer:  
<https://www.energy.com.ph>

First Gen Corporation & The Lopez Group

+632 3449 6400

Investor Relations

[investorrelations@firstgen.com.ph](mailto:investorrelations@firstgen.com.ph)

businesses include natural gas, geothermal, hydro, wind and solar; makes the following commitments: will build on our platform of renewable and low carbon energy assets and complement them where appropriate with flexible generation and storage technologies + expand the use of clean and renewable geothermal resources + deploy extensive experience in geothermal development gained over 4 decades + will pioneer the development of a liquefied natural gas

\$1.83 billion (2020)

Ayala Corporation

+632 7908 3000

<https://ayala.com/contact>

Investor Relations

[investorrelations@ayala.com.ph](mailto:investorrelations@ayala.com.ph)

owns interests, inter alia, in insurance, real estate, telecommunications, infrastructure (hard infrastructure through power and transport) and AC Energy is one of the fastest growing energy companies with ~US\$2 billion of invested and committed equity in renewable and thermal energy in the Philippines and around the region

\$3.97 billion (2020)

...v...

Manila Water Company, Inc.

+632 7917 5900

the sole provider of water and used water (wastewater) services to over six million people in the East Zone of Metro Manila

\$607 million (2020)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.ph.html?page=1>

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## Indonesia

PT Perusahaan Gas Negara Tbk (translation: State Gas Company)

+622 1633 4838

contact.center@pgn.co.id

Investor Relations

investor.relations@pgn.co.id

a state-owned natural gas transportation and distribution company; total length of distribution pipelines is 3,187 km that serve around 84 million customers  
\$2.89 billion (2020)

## Sinarmas

+62 502 88869

care@sinarmas.org

<https://www.sinarmas.com/en/index.php>

one of the largest conglomerates in the country; businesses, inter alia, in energy & infrastructure - power and steam generation, coal mining; has 4 power plants

...V...

## PT Dian Swastatika Sentosa Tbk

+62 213 199 0258

\$1.51 billion (2020)

For companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.id.html?page=1>

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## Malaysia

### Tenaga Nasional Berhad

+603 22 965 566

Nazmi Bin Othman, Chief Financial Officer

Datuk FazlurRahmanBin Zainuddin, Chief Strategy & Ventures Officer

leads the development and implementation of the long-term strategy for TNB, incorporating the energy transition trends and the environmental agenda;

responsibility also includes searching for, identifying and evaluating new business areas to venture into

Southeast Asia's largest power company, generates two-thirds of the electricity on the Malaysian Peninsula - customers are connected with power from hydroelectric and thermal plants (conventional steam turbine and steam generator principally fired by coal, oil or natural gas); it operates the national power transmission and distribution grid, which serves more than 8 million residential, industrial and commercial customers; has a host of subsidiaries - include power equipment manufacturing, engineering and real estate companies; is focused on emerging markets, including Asia/Pacific, the Middle East, and North Africa

\$10.75 billion (2020)

YTL Power

+603 2038 0888

[https://www.ytlpowerinternational.com/contact\\_us/enquiryform.asp](https://www.ytlpowerinternational.com/contact_us/enquiryform.asp)

Tan Sri Ismail Bin Adam

generates and retails and distributes electricity, offers clean water supply and efficient sewerage systems; operates in Malaysia (where its HQ is), the United Kingdom, Singapore, Australia and Indonesia

\$2.54 billion (2020)

Gas Malaysia Berhad

+603 51 923 000

<https://www.gasmalaysia.com/contact-us>

Zafian Supiat, Chief Financial Officer

sells, markets and distributes (through 2,600 kilometers of pipe) natural gas as well as to develop, operate and maintain the Natural Gas Distribution System; focus is mainly on [...] renewable energy; launched a fabric recycling initiative

\$1.60 billion (2020)

Petronas Gas Berhad

+603 20 515 000

Shariza Sharis Mohd Yusof, Head - Finance and Abdul Razak Saim, Head - Business Development & Commercial

Investor Relations

Izan Hajar Ishak, Head of Investor Relations

+6032 331 9366

[ir.petronasgas@petronas.com](mailto:ir.petronasgas@petronas.com)

four core business segments are gas processing, gas transportation, utilities and regasification  
\$1.37 billion (2020)

PESTECH International

+603 7845 2186

info@pestech-international.com

a Malaysian integrated electrical power technology company that offers solutions for High Voltage and Extra High Voltage electrical system which include engineering, procurement, construction and commissioning of substations, transmission line and power cables, infrastructure asset management, power generation, rail electrification and signalling as well as power distribution and smart grid; also operates in Cambodia, Malaysia, Myanmar, Fiji, Philippines, Vietnam, Papua New Guinea and Australia; its focuses are energy, water management, biodiversity, emissions, waste & hazardous materials and transportation

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Thailand

Global Power Synergy Public Company Limited & The GPSC Group

+66 2140 5318 d&b

+66 2140 4600

corporate@gpscgroup.com

Investor Relations

ir@gpscgroup.com

+55 2140 4646

<http://www.gpscgroup.com/en/investor-relations/information-inquiry/ir-contact>

wants to be a leading innovative and sustainable power company and aspires to be in the top 3 of companies in Southeast Asia with more than half of MW from a green portfolio; always looking out for cutting-edge technologies when it comes to electricity and utilities operating in the New S-Curve Industry (includes biofuel); the Corporate Risk Management Division, under the Corporate Strategy and Risk Management Department, is responsible for assessing the risks and opportunities of the business in the field of climate change; the company sees the importance of increasing the proportion of renewable energy

\$2.29 billion (2020)

Ratch Group

+66 2794 9912 d&b

+66 2794 9999

contactinfor@ratch.co.th

<https://www.ratch.co.th/en/contact>

Investor Relations

+66 2794 9841-3

ir@ratch.co.th

state-owned holding company, it is the country largest independent electric utility; its subsidiary runs the power plant; another subsidiary funds smaller power plants and other power generating operations; it also owns stakes in ethanol and natural gas companies; its vision is to become a leading value-oriented energy and infrastructure company in Asia Pacific; its investment is mainly focused on fossil fuel power generation projects, renewable projects, businesses adjacent to electricity generation and energy as well as infrastructure businesses both in Thailand and internationally

\$1.13 billion (2020)

EGCO (Electricity Generating Public Company Limited & EGCO Group)

+66 2998 5000

Board of Directors: [directors@egco.com](mailto:directors@egco.com)

<https://www.egco.com/th/contact-the-board-of-directors>

Company Secretary: [cs@egco.com](mailto:cs@egco.com)

<https://www.egco.com/th/contact-corporate-secretary>

as a holding company it focus on investment in power business both domestically and internationally as well as expanding investments to related energy businesses; currently the power plants generate electricity from natural gas, coal, biomass, hydropower, solar, wind and geothermal; vision: to be a leading Thai company operating sustainable energy business

\$1.11 billion (2020)

EA (Energy Absolute Public Company Limited)

+66 2248 2488 d&b

Investor Relations

+662 2248 2488 92, 2002 3667-9

ir@energyabsolute.co.th

engaged in the renewable energy businesses - biodiesel, energy storage, eMobility - car, buss, ferry and charging stations; it manufactures and distributes methyl ester biodiesel products, high speed diesel oil and pure glycerine products;

generates electricity from solar and wind power, and provides consultation in the project regarding alternative electric energy; vision: to be a leader in alternative energy business

\$562.36 million (2020)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.th.html?page=1>

Thai Solar Energy Public Company Limited

+66 2258 4530

info@thaisolarenergy.com

both ...^...Investor Relations contact

Somphop Prompanapitak, CFO ? - has the education

vision: become a world-class regional leader in providing renewable energy;

mission: To establish a solid footprint in Thailand in the solar power industry and

expand into other renewable energies as well as developing an international solar

power business focusing in Asia & Oceania regions; is in collaboration with several

world-renowned energy institutes and specialized energy companies; has domestic

assets (15 solar farms, 14 rooftop plants and 3 biomass power plants) and Japan (8

solar farms)

\$43.54 million (2020)

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Vietnam

EVNSPC

+84 973 010 468 d&b

+84 283 822 1605

info@evnspc.vn

inter alia, produces, distributes trades, imports and exports electricity; manages

distribution grids of 110 kV or less and sells electricity in 21 southern

provinces/cities; has 8.7 million customers; investing in: the development of a

larger distribution network and new energy projects - renewable energy, small and

medium hydropower; on April 1st, 2021 the Prime Minister approves EVN's

development strategy which "ensure[s] the capacity of power transmission,

especially renewable energy sources"

\$17.4 billion (2020)

PVN (PetroVietnam & Vietnam Oil and Gas Group)

+84 243 825 2526

info@pvn.vn

Le Mahn Gung, President & CEO

a state-owned corporation, engaged in the exploration, production, processing and marketing of oil and gas (plus gas to power/fertilizer); Petrovietnam has approximately 60,000 employees of high qualified and capability to manage oil and gas operations locally and abroad; Active in 14 countries in the world, we're the pioneer in global collaboration and integration, accelerating overseas investment; \$5.39 billion (2020)

EVN (Vietnam Electricity)

+84 246 694 6789

Tran Dinh H

state-owned largest power company in Vietnam; core businesses: production, transmission, distribution and trading of electricity; directing and operating the system of production, transmission, distribution and allocation of power in the national power system; import and export of electric power; investment and capital management in the power projects; management, operation, repair, maintenance, overhaul, rehabilitation and upgrading of the electrical, mechanical equipment, control and automation system of the line of production, transmission and distribution of electricity, power works and electrical testing; on December 14, 2020, EVN and USAID signed a Memorandum of Understanding for a technical assistance to promote rooftop solar PV development in the country  
\$3.076 billion (2020)

AES Mong Duong Power Company Limited

+84 203 626 1089

aesmd.communication@aes.com

Kim Bum Seok, Chief Finance Officer

owner of the March 2015 commissioned \$1.95 billion coal dependent Mong Duong 2 BOT Power Project; mission: improving lives by accelerating a safer and greener energy future  
no financial information

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## Cambodia

### Soma Energy & The Soma Group

+855 23 722 215

info@somaenergy.com.kh

vision: to be the leading provider of electricity especially renewables in the country; relevant business area: infrastructure and power generation, especially renewables - in 2013 a turnkey Biogas power plant; in 2019 started developing a 1.5MW ground mounted solar project; also brings clean and safe drinking water to over 20,000 people; at Soma Energy the focus is especially on renewables - solar farms, roofs

### The Blue Circle (Cambodia) Co., Ltd.

+855 023 964 141

info@eurocham-cambodia.org

Varabott Ho, Country Director

varabott.ho@thebluecircle.sg

+855 96 367 1968

contact@thebluecircle.sg

Sophorn Chea, Development Manager

sophorn.chea@thebluecircle.sg

+855 11 642 723

activities: renewable energy (wind and solar) in Thailand, Vietnam, and Cambodia; it identifies, develops, finances, owns and operates renewable energy projects in complex and challenging geographies of the Asia-Pacific region

### New East Solar Energy (Cambodia) Co., Ltd.

+855 6668 9666

512-413-9271 (Calif)

info@nesolar.com.kh

a Cambodian based global solar cell and solar module manufacturer, specializing in Mono/Poly PERC solar cell and solar module; has three factories and two warehouses; has a sales office in Los Angeles

### Cambodian Natural Gas Corp., Ltd.

+855 236 985 666

info@cngc-kh.com

engaged in the guarantee supply of natural gas energy in the country; holds 30-year franchise rights of natural gas, including but not limited to lng10 exclusive import right, LNG terminal construction right, natural gas pipeline operation right, LNG truck transportation right, gas supply right and gas facility construction right of 25 provinces and cities, gas pipeline construction right, Cambodia natural gas industry standard setting right, etc.; the long-term goal is to build a national pipe network; among the ten ASEAN countries, Cambodia has unparalleled advantages in other countries - it is more open than Vietnam, more transparent than Myanmar and Laos, has more opportunities than Thailand and has closer relations with China than the Philippines and Indonesia

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## Singapore

Sembcorp Utilities Pte. Ltd.

+65 6723 3113

Eugene Cheng, Group CFO

Investor Relations

+65 6723 3327

[investorrelations@sembcorp.com](mailto:investorrelations@sembcorp.com)

purpose and passion is to do good and play our part in building a sustainable future - solar, wind and energy storage; has significant thermal power assets; vision: to be a leading provider of sustainable solutions; seeks to deliver innovative solutions that support the energy transition and sustainable development by focusing on growing its renewables and integrated urban solutions businesses - water and waste solutions; has executive of regions: Southeast Asia, South Asia, UK, Middle East; has assets comprising solar, wind and energy storage globally  
\$3.3 billion (2020)

...V...

Sembcorp Industries

+65 6723 3113

its Sembcorp Marine subsidiary, the #2 offshore oil rig maker in the world, specializes in marine and offshore engineering services such as ship building and conversion, repair and rig building; serves clients primarily in the Asia/Pacific region and in Europe  
\$4.05 billion (2020)

Leader Energy Pte. Ltd. (a subsidiary of HNG Capital Sdn. Bhd. in Malaysia)  
attn: CEO

[inquiries@leaderenergy.net](mailto:inquiries@leaderenergy.net)

<https://www.leaderenergy.net/contact-us>

owns and operates a diverse portfolio of power and transmission assets in Southeast Asia; also in Vietnam (+84 2143 888 816), Malaysia (+603 761 00 800) and Cambodia (+855 34 900610/612); acquired a portfolio of hydropower plants in Vietnam and winning concessions for two solar power projects in Malaysia; it is now offering rooftop solar photovoltaic systems; will continue to expand its renewable energy assets in the ASEAN region

Singapore Power Limited & SP Group\*

+65 6916 8888

Loong Hui Chee, CFO

provides electricity and gas transmission and distribution services in Singapore - the former ranking as one of the most reliable among major cities in the world and with 1.6 million customers; pursuing eMobility - starting a first-in-Southeast Asia trial of vehicle-to-grid (V2G) integration, using four V2G charging points at SP's premises + inked an agreement to expand a shipyard's rooftop solar capacity

\* SP Group is a leading utilities group in the Asia Pacific, and provides a suite of sustainable energy solutions; building Singapore's largest public electric vehicle (EV) charging network

YTL PowerSeraya Pte. Limited

+65 6363 6688

[contact@geneco.sg](mailto:contact@geneco.sg)

<https://ytlpowerseraya.com.sg/contact-us>

four key business activities - utilities services, energy and electricity markets, fuel management and storage tank leasing, as well as energy retailing; vision: to be the leading provider of integrated utilities and energy solutions for a sustainable future

Tuas Power Generation Pte. Ltd.

+65 6838 6700

[https://cuscare.tpsupply.com.sg/contactus/main/ContactUs.aspx?](https://cuscare.tpsupply.com.sg/contactus/main/ContactUs.aspx?_gl=1*2d8btj*_ga*MTkwNTExNDg1NS4xNjM0MTI1MTAw*_ga_S5QFMNFQ9T*MTYzNDEyNTA5OS4xLjEuMTYzNDEyNTE2Ni42MA..&_ga=2.220470552.1431146503.1634125100-1905114855.1634125100)

[\\_gl=1\\*2d8btj\\*\\_ga\\*MTkwNTExNDg1NS4xNjM0MTI1MTAw\\*\\_ga\\_S5QFMNFQ9T\\*MTYzNDEyNTA5OS4xLjEuMTYzNDEyNTE2Ni42MA..&\\_ga=2.220470552.1431146503.1634125100-1905114855.1634125100](https://cuscare.tpsupply.com.sg/contactus/main/ContactUs.aspx?_gl=1*2d8btj*_ga*MTkwNTExNDg1NS4xNjM0MTI1MTAw*_ga_S5QFMNFQ9T*MTYzNDEyNTA5OS4xLjEuMTYzNDEyNTE2Ni42MA..&_ga=2.220470552.1431146503.1634125100-1905114855.1634125100)

one of Singapore's leading power generation companies and a key provider of energy solutions, multi-utilities and environmental services

Summit Power International Limited

+65 6225 4600

a leading infrastructure developer and operator in South Asia; comprises a group of businesses which focus on developing, owning and operating power generating assets. Our portfolio of infrastructure assets produce reliable energy for sale to governments and state utilities; assets include a Floating Storage Regasification Unit + two gas turbines capable of operating on dual fuel (liquid fuel & natural gas) and more fueled by natural gas

Pavilion Energy (a subsidiary of Temasek - Spain, see supra)

+65 6228 8100

info@pavilionenergy.com

<https://www.pavilionenergy.com/index.php/en/contact-us>

Alan Heng, Interim Group CEO

is reshaping the LNG Market, with a focus on Asian and European markets; championing natural gas and LNG as the choice fuels in the transition towards a more sustainable future for generations

LYS Energy Group

+65 6610 4534

contact@lysenergy.com

a leading regional Renewable Energy platform; builds, owns and operates solar PV systems for commercial, industrial and public sites in the Asia Pacific region; has deployed over 50MWp of high-performance solar PV systems, with a pipeline of over 500MWp in Singapore and across the region in Vietnam, Indonesia, Malaysia, Thailand, and the Philippines; aims at being a vector of the energy transition, towards a more distributed, autonomous and smart model. Incorporating distributed generating facilities, energy storage systems and smart grid

MBH Power & Energy (S) Pte. Ltd. & Tolaram Group\*

+65 6387 7777

info@mbhpower.com

focuses on engineering, procurement and construction solutions in transmission and distribution

\* headquartered in Singapore with business interests in Asia, Africa and Europe; trades with companies in over 75 countries involved, inter alia, in infrastructure and energy; also has presence in Egypt, Estonia, Ghana, Indonesia, Nigeria; info@tolaram.com; ~\$1.2 billion (2020)

Erex Singapore Ltd. Ltd.

+65 6407 1200

Investor Relations

<http://www.erex.co.jp/en/contact/?ref=ir>

are continuously constructing and operating biomass power plants throughout Japan; will engage in various renewable energy related businesses; has 4 biomass fuel plants; is planning to build one of the world largest biomass power plants

ecoWise

+65 6250 0001

enquiries@ecowise.cm

Richie Cao Shi Xuan, Deputy Chief Executive Officer

invests, develops and manages renewable energy projects; the Group is one of the earliest companies in Singapore to focus on biomass power plant development; pursuing the development of novel or incorporate existing technologies that allow the up-cycling of wastes into valuable resources; plus has become one of the main industrial and urban waste recyclers in the country, with services covering waste collection, disposal, processing and recycling of industrial, urban and organic waste; a subsidiary launched an integrated rubber tyre recycling business; also operates in Malaysia and China

Geneco EV (S) Pte. Ltd.

+65 6363 6677

generates, supplies and retails electricity; has an eMobility video on the website featuring one of the company's vans powered by batteries; also involved in gas and oil to solar and waste

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India

National Thermal Power Corporation

+91 11 2436 7340

#### Investor Relations

Ms. Nandini Sarkar, Company Secretary & Compliance Officer

+91 11 2436 0959

csntpc@ntpc.co.in

state-run, the country's largest power company; generates more than 20% of India's power supply, has about 25 coal-based and over 5 gas-based stations, plus hydro power projects (one small) and renewable energy - 14 solar projects, including one floating, (plus 20 more under construction) + 1 wind farm with 2 under construction

\$15.40 billion (2021)

Maharashtra State Electricity Distribution Company Limited (a subsidiary of the Maharashtra State Electricity Board)

+91 22 2647 4211

website didn't translate

the largest electricity distribution utility in India; distributes electricity to the entire state of Maharashtra; sources of power include thermal, hydro, gas and non conventional sources like solar, wind, biogas; services an area covering 41,095 villages and 457 towns

\$11.2 billion (2019)

...V...

Maharashtra State Power Generation Company

+91 22 2647 4211

Shri. Sunil Pimpalkhute, Director of Finance & CFO

has the second highest overall generation capacity and the highest thermal installed capacity amongst all the state power generation utilities in India; generates power by thermal, hydro, gas turbine and solar; is committed to expanding the generation capacity to meet the ever-growing power supply need of maharashtra; the company is implementing a huge capacity addition programme; has more than 1.5 million customers

no financials available

TNEB Limited (Tamil Nadu Generation and Distribution Corporation Limited)

+91 44 2852 0131

Finance contact

+91 33 2852 1108

jmdfinance@tnebnet.org

state-owned; power generation by hydro, thermal, wind, solar, biomass and co-generation plants  
no financials available

Gail (India) Limited

+91 11 2618 2955 d&b

+91 11 2617 2580

Shri Anjani Kumar Tiwari, Director of Finance

Investor Relations

A.K.Jha, Company Secretary

ak.jha2@gail.co.in

the largest gas transmission and marketing company in the country; owns more than 10,900 km of pipeline and has a 78% market share in India's natural gas transmission business; has seven gas processing units and owns India's largest gas-based petrochemicals complex; also has major domestic exploration and production operations; it is also involved in liquefied natural gas import projects; its renewable energy portfolio involves wind and solar; has conducted many studies to assess the potential for installing solar across the country

\$7.89 billion (2021)

Adani Enterprises Limited & Adani Group

+91 79 2656 5555

Investor Relations

Jugeshinder Singh, Chief Financial Officer

investor.relations@adani.in

has focused on building stellar infrastructural assets contributing to nation-building; is active in coal trading and mining, oil and gas exploration, ports, multi-modal logistics, power generation and transmission, gas distribution etc.; is India's largest coal trader and largest coal importer from Indonesia, South Africa and the US; it also operates five coal mines - it is the first company to deploy tree transplantor in coal mining sector in India; plus operates one of the country's largest solar power plants, produces solar cells and is a leader in the supply of natural gas to residential, commercial and industrial customers

\$5.45 billion (2021)

...V...

Adani Power Limited (Mundra) Limited

+91 79 2656 5555

is the world's 11th-largest single location coal-based thermal power plant as well as India's second largest operational power plant

Power Grid Corporation of India

+91 12 4257 1994

website inaccessible

the country's largest electric power transmission utility which handles about 50% of India's total power transmission; the government-owned utility has a network of 213 high-voltage substations and more than 131,728 kilometers of transmission lines; its subsidiary handles its power management activities; it also provides consultancy services (power transmission, subtransmission, distribution, load dispatch, and communications) to about 150 state-owned and private utilities and national government departments;

\$5.43 billion (2021)

The Tata Power Company

+91 22 6665 7515 d&b

+91 22 6665 8282

Ramesh Subramanyam, CFO

For Investor queries/ complaints,

[investorcomplaints@tatapower.com](mailto:investorcomplaints@tatapower.com)

the largest private power utility in India, the company specializes in generating, transmitting, and distributing electricity; also one of India's largest renewable energy players including wind, solar panel manufacturing and solar generation - rooftop, pumps and operations and maintenance; subsidiaries include Tata Power Renewable Energy Limited, Tata Power Solar Systems Limited and Walwhan Renewable Energy Limited; plus biomass gasification; has offices in Cyprus, Mauritius, Singapore and Jakarta

\$4.47 billion (2021)

PCT India Limited

+91 11 4648 4202 d&b

+91 11 4159 5100

Investor Relations

Anand Kumar

+91 11 4648 4202

[investorrelations@ptcindia.com](mailto:investorrelations@ptcindia.com)

Dr. Rajib K Mishra, Director Business Development

+91 11 4165 9508

rajiv.mishra@ptcindia.com

is a pioneer in starting a power market in India and undertakes trading activities which include long term trading of power generated from large power projects  
\$2.47 billion (2021)

Reliance Infrastructure Limited & the Reliance Group\*

+91 22 3009 8853

a major player in providing engineering & construction services for developing power, infrastructure, metro and road projects; also a leading utility company having presence across the value chain of power businesses i.e. generation, transmission, distribution and power trading

\* Shri Anil Dhirubhai Ambani, Chairman; graduate of the Wharton School

\$2.31 billion (2021)

...V...

BSES Yamuna Power Limited (joint venture between the Government of Delhi and Reliance Infrastructure Limited)

+91 11 2648 9840

a Delhi electricity distribution companies in Delhi; serves 1.65 million; has solar rooftop services; has been running many campaigns and consumer connect programs for promotion of renewable energy and green technologies; also has an eMobility division - is committed to E-mobility transition in the country - initiated this journey in 2010 with an installation of 34 charging points for Mahindra Reva E-cars -> +91 11 3999 7141, bypl.evi@relianceada.com

NMDC Limited

+91 40 2359 0002

Jayapal Reddy, Chief General Manager (Environment)

A K Padhy, Executive Director - Finance

+91 23 530 373

a government owned mineral producer under the administrative control of the federal Ministry of Steel; involved in the exploration of iron ore, copper, rock phosphate, limestone, dolomite, gypsum, bentonite, magnesite, diamond, tin, tungsten, graphite, etc.; is India's largest iron ore producer and exporter, producing more than 35 million tonnes of iron ore from three mechanized mines  
\$2.12 billion (2021)

CG Power and Industrial Solutions Limited & the Murugappa Group

Natarajan Srinivasan, Managing Director

Investor Services

+91 22 2423 7777

investorservices@cgglobal.com

is an Indian multinational company engaged in design, manufacturing, and marketing of products related to power generation, transmission, and distribution  
\$1.9 billion

Torrent Power Limited & Torrent Group

+91 79 2662 8300 d&b

+91 79 2662 8000

Jinal Mehta, Managing Director

is one of the leading brands in the Indian power sector; an all-round experience in generation, transmission and distribution of power; is also engaged in manufacturing and supply of power cables; thermal, lots of solar and wind power farms and also operates in the renewable energy segment; over 3.6 million customers

\$1.66 billion (2021)

CESC Limited

+91 33 2642 6681

Investor Relations

B L Chandak

+91 33 2225 6037

blc@rp-sg.in

Pankaj Kedia

+91 33 2225 8935

pankaj.kedia@rp-sg.in

generation, transmission and distribution of electrical power; the sole distributor of electricity to 2.9 million consumers; operate thermal power plants; 474 km circuit of transmission lines; have put online solar, wind and hydropower

\$1.61 billion (2021)

NLC India Limited

+91 41 4225 7944

Jaikumar Srinivasan, Director of Finance

+91 41 4225 2240

df@nclindia.in

owned by the Indian government it mines lignite coal and generates power from it; operates three mines producing 24 million tons of coal per year; also provides consulting services in mine planning and construction and the renovation and life extension of old power stations; new initiatives include floating solar panels in water reservoirs and solar and hydro combined power generation  
\$1.37 billion (2021)

Tata Power Delhi Distribution Limited

+91 11 6611 2473

website temporarily inaccessible

generates, transmits, and distributes electric energy;  
no financials available

Talwandi Sabo Power Limited & The Vedanta Group\* and is a subsidiary of Vedanta Resources PLC\*\*

+91 91 1659 2480 d&b

+91 16 5924 8000

\* +91 22 6646 1000

R Kannan, Independent Director (experience in the areas of banking, corporate finance and capital markets)

Investor Relations website contact form

<https://www.tsplindia.co/home/contact-us>

operates a coal-based super-critical thermal power plant

\*\* a diversified metals and mining major with revenues in excess of \$12.9 billion - produces aluminium, copper, zinc, lead, iron ore and commercial energy; has operations in India, Zambia and Australia and a strong organic growth pipeline of projects; over 87,000 employees comprising over 25,000 direct employees and 59,500 contractors globally  
no financials available for any of them

Gujarat Gas Limited

+91 79 2326 4666 d&b

+91 79 2646 2980

Dr. Rajiv Kumar Gupta, IAS, Director

the country's largest city gas distribution provider; over 30,700 kilometre of natural gas pipeline network  
\$1.36 billion (2021)

NHPC Limited

+91 12 9258 8000

Investor Relations

Shri Anuj Kapoor, General Manager - Finance - Chief Investor Relations Officer

+91 12 92 270 603

investorcell@nhpc.nic.in, anujkapoor@nhpc.co.in

has become the largest organization for hydropower development in India, with capabilities to undertake all the activities from conceptualization to commissioning; 24 power stations; now constructing 9 more; committed to contribute towards development of huge renewable energy projects

\$1.31 billion (2021)

Andhra Pradesh Power Generation Corporation Limited

+91 40 2349 9000

a state-owned company that undertakes operation and maintenance of the power plants and also setting up new power projects alongside upgrading the project's capacity; mission: to spearhead accelerated power development by planning and implementing new power projects

no financials available

Karnataka Power Corporation Limited

+91 83 9228 8608 d&b

+91 80 2225 6568

cccm@karnatakpower.com

Shri R. Nagaraja, Finance Director & Shri Prasad, IAS, Additional Chief Secretary Finance Department

state-owned, it is engaged in the Service of generating electrical power in the state of Karnataka; the modes for generation of electric power are hydroelectric, thermal, diesel, gas, wind and solar; mission: exploring, identifying and developing opportunities in power generation and devising innovative ways of setting up and operating power plants

no financials available

Madhya Pradesh Power Generation Company Limited

+91 73 1242 1414

Shri Amit Tomar, IAS, Managing Director

is the electricity generation company of the Government of Madhya Pradesh state; needs investments required for improvements in the distribution system

no financials available

Kerala Water Authority

+91 47 1229 4151 d&b

+91 47 1273 8300

Managing Director, +91 94 4779 8383

an autonomous authority established for the development and regulation of water supply and waste water collection and disposal

no financials available

Punjab State Power Corporation Limited

+91 17 5222 2183

Sh. A. Venu Prasad, I.A.S., Chairman cum Managing Director

is the electricity generating and distributing company of the Government of Punjab state; operates thermal power plants and hydro power plants; also provides rooftop solar

no financials available

M.P. Power Generation Company Limited

+91 761 2702680

mppgcl@mp.nic.in

Shri Rupesh Shah, Chief Financial Officer

chief.finofficer@mppgcl.mp.gov.in, cfomppgcl@gmail.com

+91 2702910, 2666805

is the electricity generation company of the Government of Madhya Pradesh state; burns coal; building 3 thermal power plants

no financials available

Andhra Pradesh Southern Power Distribution Company Limited

+91 87 7224 8960

Sri. Vn. Babu, Director of Finance

dir\_fin@southernpowerap.co.in

is the Electricity Distribution company owned by the Government of Andhra Pradesh; serves 4.9 customers; has solar and wind PPAs

no financials available

Telangana State Southern Power Distribution

+91 40 2343 1059

customerservice@tssouthernpower.com

Investor Relations

Sri G.Parvatham

dirfin@tssouthernpower.com

is a state electricity distribution company owned by the government of Telangana; a vast infrastructure facility in its operating area with 1,33800 33/11 kV substations, 2,03900 power transformers, 72000 33 kV feeders, 5,25700 11 kV feeders and around 2,46,426 distribution transformers of various capacities; solar power is also considered a priority in order to overcome the shortage of power in the state

no financials available

West Bengal State Electricity Distribution Company Limited (a subsidiary of West Bengal State Electricity Board)

+91 33 2359 7869

Santanu Basu, IAS, Chairman & Managing Director

is responsible for providing power to 96% of West Bengal

no financials available

BESCOM (Bangalore Electricity Supply Company Limited)

+91 80 2258 4382

Director Finance

+91 80 2234 0055 (O)

+91 94 8083 4888 (C)

df@bescom.co.in

no information, including financials, available

Damodar Valley Corporation

+91 33 2355 0842

website inaccessible

an Indian government corporation which operates thermal power stations and hydro power stations under the Ministry of Power, Govt of India

no financials available

Rajasthan Rajya Vidyut Utpadan Nigam Ltd.

+91 14 1274 2107

is the electricity generation company of the Government of Rajasthan state;  
generates power via thermal, gas and hydro  
no information, including financials, available

Chhattisgarh State Power Distribution Company Limited

+91 77 1257 4925

Shri Harsh Gautam, Managing Director

+91 77 1257 4200

mddiscom@cspc.co.in, mddiscom@gmail.com

is the electricity generation and distribution company of the Government of Chhattisgarh state; generates power by way of thermal power plants; sells rooftop solar; has plans to add more distribution lines  
no financials available

Uttar Gujarat Vij Company Limited (a subsidiary of Gujarat Urja Vikas Nigam Limited - a Govt. of Gujarat Undertaking)

+91 98 7943 9336 d&b

+91 27 6222 2080

corporate@ugvcl.com

Shri K. S. Randhawa, IFS, Managing Director

+91 27 6222 2097 (Direct)

md@ugvcl.com

is involved in electricity sub-transmission distribution and retail supply in the State of Gujarat or outside the State. Their mandate is to establish and use a power system network and to buy and sell electrical energy, and to collect information with an eye towards further system improvements  
no financials available

Northern Power Distribution Company of Telangana

+91 87 0246 1501

Sri.A.Gopal Rao, Chairman & Managing Director

the electricity distribution company owned by the government of Telangana  
no financials available

Nuclear Power Corporation of India Limited

+91 22 2599 1246

is wholly owned by the Government of India and is responsible for the generation of nuclear power for electricity  
no financials available

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.in.html?page=3>

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## Uzbekistan

Uztransgaz, AJ

+998-712 021 008, ext. 1082

info@utg.uz

there is a growing need to develop the gas transportation system and improve the gas supply system, while maintaining reliable use of gas transportation and gas distribution systems; projects: additional exploration and refining of gas and oil-bearing strata

\$1.76 billion (2020)

National Electric Grid of Uzbekistan

+998 712 366 809 d&b

+998 712 366 808

+998 712 085 622 (Assistant to the Chairman of the Management Board)

info@uzbekistonmet.uz

Isakulov Dadajon Aynakulovich, Chairman of the Board

main activities of the company are the operation and development of the main electric networks of the Republic of Uzbekistan, the supply of electricity through the main electric networks and the implementation of interstate transit, cooperation with electric power systems of neighboring states; cites on its website "the Program for implementing major investment projects in the electric power industry for 2019 - 2030 through attracting foreign direct investment", approved by the Prime Minister of the Republic of Uzbekistan

\$1.21 billion (2020)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.uz.html?page=1>

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## Azerbaijan

### Southern Gas Corridor, CJSC

+994 125 213 091 d&b

+994 125 2130 91

Fax: (+99412) 521 18 75

info@sgc.az

<https://www.sgc.az/en/contacts>

is an initiative of the European Commission for a natural gas supply route from Caspian and Middle Eastern regions to Europe, proposed in 2008; the goal of the Corridor is to reduce Europe's dependency on Russian gas and add diverse sources of energy supply; the route from Azerbaijan to Europe consist of the South Caucasus Pipeline, the Trans-Anatolian Pipeline and the Trans-Adriatic Pipeline; the total investment of this route is estimated US\$45 billion  
\$861.55 million (2020)

### Azerenerji, ATSC

+994 125 985 523

inefficient website

the largest electrical power producer in the Republic; also maintains the largest distribution network; power generation comes from hydro; plus thermal power plants from fuel oil and natural gas; coal ceased in 1991; no nuclear or geothermal  
\$652.26 million (2019)

### Barmek Azerbaijan Electricity Network Llc

+994- 124 403 993

main mission is to provide our country with uninterrupted, high-quality electricity; new substations are being built, complete transformer substations are being installed, new cable lines are being laid, and outdated cable lines are being replaced with new ones; the main goal is to make developing Azerbaijan one of the leading countries; work is being done to solve environmental problems, protect the environment and restore the ecological balance; s actively participates in tree planting campaigns - 80,000 almonds and 20,000 olive trees have been planted on 500 hectares of land  
\$635.53 million (2020)

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## Pakistan

### Pakistan State Oil

+92 2199 203 866 d&b

+92 2199 203 866-85

Taaluq@psopk.com

Investor Relations

Ms. Parveen Hatim Ali, Senior Executive - Shares Department

+92 21 111-111-776

parveen.h.ali@psopk.com

a public company that is the largest oil marketing company in Pakistan; operates 3,600 retail outlets, including more than 1,785 retail outlets that offer the usual gas-station services; additionally sells a full range of petroleum and related products, including fuel oil, industrial oils and petrochemicals. The Government of Pakistan controls a majority stake in the publicly traded PSO; eMobility opportunities

\$6.99 billion (2020)

### Sui Northern Gas Pipelines Limited

+92 4299 200 149

info@sngpl.com.pk

Faisal Oqbal, CFO

provides gas to 5.3 million consumers; vision statement: To be the leading integrated natural gas provider in the region

\$4.91 billion (2020)

...V...

### Sui Northern Gas Pipelines Limited

+92 4299 082 000

\$1.72 billion (2020)

### K Electric

+92 21 111 537 211

Investor Relations

rizwan.pesnani@ke.com.pk

generates, transmits and distributes power to residential, commercial, industrial and agricultural serving over 2.5 million customers

\$1.88 billion (2018)

Sui Southern Gas Company

+92-219 9021 000

info@ssgc.com.pk

government directly and indirectly; engaged in the business of transmission and distribution of natural gas besides installation of high pressure transmission and low pressure distribution systems

\$1.53 billion (2018)

Multan Electric Power Company

+92 619 210 380

Mian Ansaar Mahmood, Finance Director

+92 302 826 1871 (c)

\$1.20 billion (2016)

Hyderabad Electric Supply Company

+92 3408 800 111

Hina Talpur, Chief Financial Officer

+92 3002 044 436

the objective is to ensure as a progressive power distribution

\$980.73 million (2020)

Islamabad Electric Supply Company

+92 3315 210 355 d&b

+92 5192 529 37, 9252938, 9252939,

Muhammad Anwer Sheikh (background in finance)

Finance Director: fd@iesco.com.pk

an electric utility company; core function is to supply, distribute and sell electricity to 2.8 million consumers directly

\$714.02 million (2016)

Companies generating less than \$500 million:

<https://www.dnb.com/business-directory/company-information.utilities.pk.html?page=1>

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## Saudi Arabia

### Veolia Water Solutions & Technologies

+966 138 983 075

<https://www.middle-east.veoliawatertechnologies.com/contact-us#no-back>

provides an array of solutions related to water, energy and materials in 22 countries and regions around the world - with a focus on waste recovery - to promote the transition toward a circular economy; 169,000 employees; 96 million people supplied with drinking water + 62 million people connected to wastewater systems + 4,117 water production plants managed + 2,878 wastewater treatment plants managed + 595 heating and cooling networks managed + 45 million MWh produced + 40,210 thermal installations managed + 2,291 industrial facilities managed + Collection services for more than 40 million people on behalf of local authorities + 737,977 business customers + 47 million metric tons of treated waste + 579 treatment plants operated; has identified 7 key growth markets: the circular economy, to tackle the problem of dwindling raw materials, water and energy resources + innovative solutions to improve life in cities and related services + treating difficult pollutions, such as toxic waste, treatment sludge and contaminated wastewater

Dismantling for oil rigs, ships, aircraft and nuclear plants + mining & metal and power industries, which requires extensive resources + the oil & gas and chemical industries, governed by increasingly demanding environmental standards

£25.125 billion (2020)

### The Olayan Group

+966 138 826 177

a private, multinational enterprise; an international investor, strategic partner and operator in selected sectors; does business in markets from Asia to the Americas; in New York, London, Luxembourg, Vaduz (Liechtenstein, HQ), Vienna, Athens, Riyadh and Singapore; manages a multi-billion-dollar investment portfolio \$136.22 million (2020)

### ACWA Power

+966 112 835 555

<https://acwapower.com/en/contact-us/contact-us-details>

Investor Relations

Ozgur Serin, Executive Director - Investor Relations

+971 4 364 8369

Oserin@acwapower.com

Zameel Kasim, Senior Manager - Investor Relations

+966 11 283 5546

zkasim@acwapower.com

CWA Power's IR Desk

IR@acwapower.com

a leading private developer, investor and operator of 64 power generation and water desalination projects in operation, construction and advance development across 13 countries; employs 3,500 people; can generate 41.6 GW of power and produce 6.4 million m<sup>3</sup> /day of desalinated water; plays a central role in the Kingdom's energy transition; has a presence in 13 countries on three continents; strongly positioned in high growth markets and to play a central role in the Kingdom's energy transition; has a leading market share in KSA, Gulf Cooperation Council, Morocco and Jordan; rapidly rising share of renewables generation; 3,500 employees

\$1.10 billion (2019)

Averda International

<https://www.averda.com/support/contact>

UK office

+44 20 7581 7100

uk@averda.com

Samir Sharma, CFO

provides sustainable waste management services to communities, industries, offices and homes; operating in India, the Middle East and Africa to over 60,000 clients - large and small - across the private and public sectors: municipal authorities of major cities and household names in a wide range of sectors including oil & gas, automotive, retail and hospitality; a portfolio of services from collecting bins and cleaning city streets to sorting, composting, recycling and disposing of household waste as well as safely managing highly regulated hazardous waste streams including medical waste and dangerous chemicals. We have recently increased our investments in sustainable waste treatment capabilities, with the goal of providing circular recovery options in all locations where we operate; has over 15,000 people worldwide

Al Mashariq Co Trading & Contracting

+966 112 919 900

info@almashrik.com

Ahmed H. Almarfadi, Chief Financial Officer

consistently ranked among the top contractors in the region; construction of buildings, roads, bridges and water and sewage systems  
\$649.19 million in sales (2020)

Marafiq

+996 920 020 084; 920 020 084

Abdallah I. Al-Saadon, Chairman of the Board

an integrated power and water utility company; in Jubail, the focus is on water utilities as power services are supplied by Saudi Electricity Company - the former's operations include seawater cooling systems, water production and supply and sanitary and industrial wastewater treatment

\$351.48 million (2020)

GCCIA (Gulf Cooperation Council Interconnection Authority)

<https://www.gccia.com.sa/contactus>

Eng. Taha Mahmood Faqihi, Assistant Undersecretary of Financial Operations, Ministry of Finance and Eng. Sharif Salim ALolama, Undersecretary Ministry of Energy and Infrastructure

a joint stock company subscribed by the 6 Gulf States; mission: a resilient interconnection grid ensuring power security and economic benefits; vision: to become a global hub in grid interconnections emphasizing on innovation, resiliency, and sustainability; and creating dynamic electricity market for the region and beyond

Al Mashariq Trading & Contracting Co.

+966 138 433 336

[info@almashariq.com](mailto:info@almashariq.com)

<http://www.almashariq.com/contactus.php>

providing expert construction services on various scales, leading and delivering landmark projects; clients include well-known government and multi-national companies, representing over 200 key projects in the last decade; covers all segments of EPC contracting: civil works, electrical works, information technology and telecommunication works, MEP works, water and sewerage works, and operations and maintenance; through its subsidiaries: construction of oil and gas facilities and infrastructure etc.; more than 3,000 employees

Suez Water Technologies & Solutions Middle East FZE

+971 48 101 700

<https://www.suezwatertechnologies.com/contact-suez-expert>

delivers innovative products, processes and solutions across the globe in the following industries: chemical processing, food & beverage, microelectronics, metals & mining, municipal, power, pulp & paper, refining and textiles; and its products and services include equipment & systems, chemical programs and water purification systems; located in North America, Latin America, Europe, Middle East, Africa, Asia/Pacific

Septech Holdings Limited

+971 2 550 7553

<https://www.septechholdings.com/contactus.html>

David Heffernan, Group Chief Executive Officer

a diverse and ranges from water, wastewater and mobile water to utilities management, precast infrastructure and marine: precast infrastructure + desalination + marine infrastructure + wastewater treatment + utilities management; also in Australia, Mexico, Oman, Spain and the UAE

Comatec Saudi Arabia

+966 41 61 901

Fathelrhman K. Hemoudi, Finance Manager

a general contracting company specialized in the execution and management of telecom and construction projects; systems that entail environmental solutions, renewable & clean energy services, and green buildings in construction and telecommunication projects; ~1,000 employees

\$86.87 million (2020)

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United Arab Emirates

Mubadala Investment Company

971 2413 0000

<https://www.mubadala.com/en/contact-us>

His Excellency Suhail Mohamed AlMazrouei, Cabinet Member and Minister of Energy and Infrastructure

Investor Relations

ir@mubadala.ae

advancing the development, commercialization and deployment of renewable energy solutions and clean technologies, establishing Abu Dhabi as a global center of excellence in both; also involved in aerospace, agribusiness, metals & mining, infrastructure, petroleum & petrochemicals; it has a presence in 30+ countries  
\$19.6 billion (2020)

Al Raeel National General Contracting Co. L.L.C.

+971 2 673 5505

info@alraeel.com

involved in engineering, steel structure works, general building works, on and off shore oil and gas services, electro mechanical works, general civil works; wants to be an internationally leading company; has projects in Bahrain, Kuwait and Iraq

Advanced Watertek LLC

+971 43 333 100

+61 8 9317 4893 Australia

info@advancedwatertek.com

custom-engineered membrane-based solutions - oil & gas, marine, pharmaceutical and mining; has thousands of water treatment systems in 50+ countries; has offices also in Australia and Oman; high quality RO Systems, ultra-filtration systems, hazardous zone systems, demineralisation systems, hydrophore systems and UV disinfection systems

IPR GDF Suez (has a 70% interest in International Power)

has a presence in the Middle East, Turkey & Africa region; has a direct equity interest in more than 26 GW power capacity and almost 4.8 million m/day of desalination capacity in operation and under construction; in the GCC, it is the leading operating independent power and desalinated water producer, with over 15 years of experience. In Turkey, International Power has two plants in operation with a total capacity of 1.2 GW, and runs a natural gas distribution and retail company, IZGAZ, with over 200,000 subscribers east of Istanbul. In Africa, International Power is actively pursuing a number of projects, specifically in Morocco and South Africa

DUCAB

+971 4 815 8888

ducab@ducab.com

operations reach out to over 45 countries across the globe, providing solutions to the world's energy sector; have supplied power solutions to projects such as Ras Gas and Dasman Hypermarket in Qatar, the Central Bank of Oman and Dilmunia Health Centre in Bahrain; international milestones include work on the Public Utility Board in Singapore, ICC Tower and HSBC Corporate Offices in Hong Kong and the Delhi Metro in India; through Senaat, Ducab, is part of ADQ, one of the region's largest holding companies with a broad portfolio of major enterprises spanning key sectors of Abu Dhabi's diversified economy; it is also owned by the Investment Corporation of Dubai; have a reach that spans markets in Australia and the Far East, through Asia and the Middle East, to Europe and the Americas

Enerwhere

+971 4396 9765

info@enerwhere.com

Alice Cowman, CFO

the first and leading distributed solar utility in the Middle East and Africa; is one of the largest solar contractors under DEWA' Shams Dubai programme and have a large project pipeline in the UAE, Oman, Nigeria and numerous countries in Africa; solar-diesel and solar-battery hybrid systems - applications for construction, mining, oil& gas, manufacturing, warehouse & logistics, agriculture and assisting islands

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Algeria

Sonelgaz (Algérienne de Distribution de l'Electricité et du Gaz SDC)

+213 2172 3100

communication@sonelgaz.dz

has 31,000 kms of transmission lines; has 10.494 million electricity customers and 6.4 million gas customers

\$2.92 billion (2018)

The Algerian Electricity Production Company

General Directorate

+213 21 83 84 00

is the main and historical player on the national scene of electricity production; present throughout the national territory; its development plans include increasing MW capacity

\$704.45 million (2020)

GRTE Spa (Algerian Company of Management of the Electricity Transport Network, Société Algérienne de Gestion du Réseau de Transport de l'Electricité & Sonelgaz Group affiliation)

+213 2183 9660 (ph & fax)

electricity and gas distribution; has seen the construction and commissioning of new structures, in order to strengthen the network capacity and improve the quality of service including more transmission lines and substations

\$417.57 million (2018)

Companies generating less than \$400 million:

<https://www.dnb.com/business-directory/company-information.utilities.dz.html?page=1>

SGS Algeria

+213 23 23 08 99 / 97 / 95 / 94

Investor Relations

Toby Reeks, Senior Vice President, Corporate Communication, Sustainability& Investor Relations [IR contact form [Link](#)]

helps oil companies, traders, petroleum refiners, independent storage operators, pipeline companies, wholesale distributors, fuel transporters and end-user sales at gas stations; its independent inspectors verify and validate everything from fuel quality to stock levels; assists these industries: renewable, coal, electricity generation, natural gas extraction and coal gas manufacture and petroleum

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Kenya

Kenya Power or KPLC (Kenya Power and Lighting Company)

+254 72 234 2486 d&b

+254 20 320 1000

custoercare@kplc.co.ke

Imelda Bore, Corporate Affairs & Company Secretary  
Eng. Aggrey Machasio, General Manager, Infrastructure Development  
owns and operates most of the electricity transmission and distribution system in the country and sells electricity to over 8 million; gov't has 51% shares; \$1.32 billion (2020)

Companies generating less than \$230 million:

<https://www.dnb.com/business-directory/company-information.utilities.ke.html?page=1>

SISTEMA Bio

+254 0800 720109

<https://sistema.bio/contact-us>

Louis Dubois, Global Finance Director

its biodigester is designed to serve smallholder farms; almost 400 million smallholder farmers worldwide could use biodigesters to meet domestic energy as well as biofertilizers' needs generating savings as well as increasing yields and income; the Biodigester allows productive farmers as well as agribusiness to convert their waste into the productive scale of clean energy whilst reducing greenhouse gases; almost 17,000 Sistema.bio digesters have been installed worldwide. Therefore, over 104,000 people produce clean-renewable energy, over 211,000 tons of carbon emission has been avoided, 13 million tons of waste has been treated, over 48 million tons of biogas has been produced, 3 million trees has been saved as well as over 309,000 tons of bio fertilizer has been made; currently also in Mexico, Columbia and India (+91 762 0606 660)

Kings Biofuels Ltd.

+254 711 444 184, +254 752 971 629

[info@kingsbiofuels.co.ke](mailto:info@kingsbiofuels.co.ke)

makes fire briquettes as an alternative and substitute source of energy to enhance climate change mitigation

Biopane Energy Company

+254 725 331 789

[biopaneenergy@gmail.com](mailto:biopaneenergy@gmail.com)

Dr. Fred Ishugah, Chief Executive Officer

the use of U-Pawa platform to allow prosumers of solar power to trade their energy with the consumers within the same grid targeting industrial, residential, campuses, constructions under development; assists those with solar, biogas; the

company works with KENGEN to increase as well as provide more off-grid solar to homes located in rural areas

Go-Solar System Limited

+254 721 207 949

[info@gosolarltd.com](mailto:info@gosolarltd.com)

provides renewable energy solutions for homes, business as well as industry; is a premier renewable energy solutions company based in Nairobi, Kenya and run by highly qualified professionals as well as have undertaken numerous projects for NGO's, the Government of Kenya, South Sudan and the various public as well as private institutions in the East African region; the company has been supplying quality solar products, service as well as advice for over 15 years; over 3,000 successful residential and commercial installations since 2003; provides these products: solar panels, inverters, solar batteries, charge controllers and solar lights; provides these solutions: power backup systems, offgrid solar, solar hybrid, solar water pumps, solar water heaters and solar LEDs

Strauss Energy

+254 020 440 9938, +254 733 448438

[info@straussenergy.com](mailto:info@straussenergy.com)

<http://straussenergy.com/contact>

its innovation involves the integration of energy generating functionally into basic building technologies commonly used in the whole African continent; the company aims to revolutionize access to clean sustainable renewable energy; designs building materials that capture the sun's rays and convert them into solar energy

Kengreen Energy Limited

+254 720310116

[info@kengreenenergy.co.ke](mailto:info@kengreenenergy.co.ke)

<http://kengreenenergy.co.ke/index.php/contacts>

has the vision of becoming a major independent, commercial producer of clean, renewable, sustainable energy that would directly supply national power grids; was also established with a focus on wind as well as solar energy production; it's one of the top renewable energy companies in Kenya and has contributed to uplift the scenario of renewable energy; the company has strong aspirations to grow in large solar power as well as wind power production across East Africa; main objective is to invest in energy efficiency, wind and solar projects thus taking advantage of the rising electricity demand in the country and potentially tapping into the carbon credits market; is currently constructing wind and solar farms

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## Egypt

### New and Renewable Energy Authority

chairperson@nrea.gov.eg

managed by the Ministry of Electricity and Renewable Energy; the Benban Solar Park is a photovoltaic power station with a total capacity of 1650 MWp which corresponds to an annual production of approximately 3.8 TWh; it cost \$4 billion to construct; the project obtained financing from Bayerische Landesbank (BLB) for 85% of the debt, with the remaining 15% coming from Arab African International Bank

### Egyptian Electricity Holding Company

couldn't translate

is responsible for all power plants, transmission and distribution in the country; ; through a joint venture between EEHC and a Chinese company, Egypt manufactures mainly high-voltage electric equipment and switchgear, such as gas-insulated switchgear for power transformers of 66kV up to 220kV, power capacitors and lighting arresters; in May 2018, Egypt's Ministry of Military Production signed a memorandum of understanding with a large Chinese group to build a solar panel facility at a cost of up to US\$2 billion. The facility is expected to manufacture panels capable of producing 5GW annually; this information in article dated Aug 2021 [[Link](#)]

### Orascom Construction PLC

+202 2461 1000 egypt

contactus@orascom.com

Investor Relations

Investor Relationsir@orascom.com

Hesham El Halaby, Director (might me media inquiries only)

hesham.elhalaby@orascom.com

a leading global engineering and construction contractor with a footprint covering the Middle East, Africa and the United States and operations encompassing the infrastructure, industrial and commercial sectors. The Group owns 50% of BESIX Group, develops and invests in infrastructure opportunities, and holds a building materials and facilities management portfolio; is in 20+ countries and 65,000 employees; has offices in UAE, Saudi Arabia, Algeria and the USA; reported Oct 2021: its consortium with Toyota Tsusho Corporation/Eurus Energy Holdings

Corporation (Japan) and ENGIE (France) has signed an agreement with the Egyptian Electricity Transmission Company (EETC) to develop, construct and operate a 500 MW wind farm  
\$3.4 billion (2020)

Sovereign Fund of Egypt  
+202 273 750 48  
info@sovfundegypt.com

seeks to select investable assets from public stakeholders to promote and co-invest in with local and foreign specialized and financial partners to create value, increase the private sector's role in the economy and create jobs for Egypt's young population; has an infrastructure and utilities sub-fund

Companies generating less than \$450 million:

[https://www.dnb.com/business-directory/company-information.electric\\_power\\_generation\\_transmission\\_and\\_distribution.za.html](https://www.dnb.com/business-directory/company-information.electric_power_generation_transmission_and_distribution.za.html)

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## South Africa

Sasol Soouth Africa Ltd.  
+27(0) 10 344 5000  
Paul Victor, Executive Director and Chief Financial Officer  
Investor relations  
+27 10 344 9280  
investor.relations@sasol.com

a global chemicals and energy company that safely and sustainably source, produce and market a range of high-quality products in 27 countries; the Energy Business will position to be responsive to global trends by providing new energy and mobility solutions, pursuing greenhouse gas emission reductions by developing and growing gas and renewables in Southern Africa  
\$6.08 billion (2021)

African Oxygen Limited (a subsidiary of Linde PLC Ireland)\*  
+27 114 900 400  
eshop.support@afrox.linde.com

vision: be the leading gases and welding products company in sub-Saharan Africa; provides a focused range of performance-enhancing Atmospheric Gases, welding and safety products and LPG to valued customers, through product delivery and investment in infrastructure; operates in South Africa and in nine other African countries and manages operations in five more countries on behalf of the Linde company

\* a global gases, engineering, and technology company  
\$394.36 million (2019)

#### PwC Africa

<https://www.pwc.co.za/en/industries/power-utilities.html>

Andries Rossouw, Africa Energy, Utilities and Resources Leader

+27 (0) 11 797 4060

individual contact form [Link](#)

utilities are searching for ways to sustainable, affordable energy services through new business models, eco-systems, technologies and platforms - it helps utilities develop new strategies and build new operating models; its team of experts can help with financing and transactional support, mergers and acquisitions, modelling, strategy, clean development management (CDM) project design and development, etc.

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#### Angola

National Electricity Distribution Company

+244 222 430 227

geral@minea.gov.ao

1,600,000 customers

RNT - National Electricity Transmission Network

+244 222704400, +244 222704401

geral@rnt.co.ao

<http://www.rnt.co.ao/pt/contactos>

purpose of the RNT-EP is to transport electricity

Egbin Power Plc

+234 17 000 108

operates one of the largest thermal power plant in Sub-Saharan Africa and contributes over 16 percent of the total electricity generated to the Nigerian National Grid; 350 employees; the process begins from our deep water wells where water is sustainably sourced and used to generate steam for power generation using the six steam turbine generators. Power is wheeled out at the most cost-effective rate achievable within optimal levels of efficiency and global standards in HSE compliance.  
\$218.24 million (2019)

Niger Delta Power Holding Company  
+234 81 5588 8805  
info@ndphc.net  
Babayo Shehu, Executive Director, Finance  
gas generation, transmission and distribution

Afam Power Plc  
+234 803 740 0039  
support@afampowerplc.com  
gas generation and transmission ?

Sapele Power Plc  
+234 8033 070 980  
<http://www.sapelepower.com/contact.php>  
Investor Relations  
webpage under construction  
a leading Nigerian integrated energy company specializing in power generation; operates Nigeria's second largest power plant meeting the energy needs of around 750,000 homes at full capacity; has a strong focus on sustainable generation and are continually seeking to expand its generation network, as well as make efficiencies, and minimize environmental impacts; has 120 employees; planning beyond the one plant 3 more to generate 4GW of power

North Shore Power Ltd.  
info@northsouthpower.com  
Kolapo Joseph, GM, Corporate Finance & Business Development  
a hydroelectric power company; is expanding its renewable energy platform with a proposed 300MW solar generating facility; the solar farm will be developed to

create a synergy with the Hydroelectric Power Plant thereby creating the first solar-hydro integrated plant in the region

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## Morocco

### OCP Group

#### Investor Relations

<https://www.ocpgroup.ma/Contact-us>

the world's leading supplier of phosphorous products; has a presence on five continents: Africa, Middle East, Europe, Americas and Asia - from mining and fertilizers to research and development; investing in innovation that will improve the efficiency of using and reusing phosphate

### ONHYM (Office National Des Hydrocarbures Et Des Mines)

+212 05 3723 9898

<http://www.onhym.com/contact.html>

is more than 100 geologists and specialists in associated disciplines; is pursuing sustained efforts to ramp up both mineral exploration and oil exploration by strengthening the dynamic of opening up to the global market and the development of partnerships with investors. national and or international in order to promote the hydrocarbon and mining potential of the Moroccan subsoil; aware of the need to give the concept of sustainable development and preservation of the environment a doctrinal body and an institutional basis, KING MOHAMMED VI is drawing up a comprehensive national charter for the environment and sustainable development

\$91.61 million (2020)

### The Masen Group

+212 053 7574 550

<https://www.masen.ma/fr/contact>

the group responsible for piloting renewable energies in the country; the integrated project development programs aim to develop an additional clean electricity production capacity of 3,000 MW by 2020 and 6,000 MW by 2030 - at least 52% is of renewable origin

Mustapha Bakkoury, Chairman and CEO

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## Congo

Pilatus Energy Congo  
+242 81 54 215  
\$172.86 million (2020)

Congo Energy (a subsidiary of Groupe Forrest International in Belgium supra)  
+243 84 189 08 03  
info.ce@forrestgroup.com

is contributing to the recovery and development of the energy sector; designs, produces and installs bespoke infrastructure; participates in projects for constructing and/or renovating large-scale hydroelectric, solar and thermal installations, sub-stations, distribution and transformer stations and transmission networks; partnered with Schneider Electric, Beka Schréder (the leading luminaires' company on the African market), Sunna Design (a designer of innovative solutions in the field of solar public lighting) and Sunoptimo (a Belgian company which offers thermal solar kits for hot water production)

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## Costa Rica

Instituto Costarricense de Electricidad & ICE Group  
+506 2003 5423 d&b  
+506 2000 7720  
atuladoice@ice.go.cr

leading supplier of electricity and telecommunications in the country; is made up of four companies that offer cutting-edge solutions in both; has 40 generation plants and transmission and generation systems; is also a world benchmark in geothermal energy research and development and has an electrical matrix that combines various sources: hydroelectric, geothermal, solar, wind and biomass  
\$2.25 billion (2020)

Empresa de Servicios Publicos de Heredia S.A.  
+506 2562 3774  
<https://www.esph-sa.com/contactenos/formulario-de-contacto>

an autonomous multi-services public utility constituted under private law that provides water, sewer and electricity services to Heredia 10 km north of the capital; serves almost 5% of the country's population  
\$129.93 million (2018)

Companies that generate less than \$120 million:

<https://www.dnb.com/business-directory/company-information.utilities.cr.html?page=1>

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## Panama

Elektra Noreste S.A.

+507 340 4600

brings electricity to the northeast area of the Republic of Panama;

\$740.76 million (2019)

Empresa de Distribucion Electrica Metro-Oeste, S.A. (a subsidiary of Naturgy in Spain supra)

+507 315 7600

\$688.50 million (2015)

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## Columbia

Edificio Inteligente de las Empresas Públicas de Medellín & EPM Group\*

epm@epm.com.co

+57 4380 8080 d&b

+57 6044 444 115

Darío Amar Flórez, Executive VP New Business, Innovation and Technology (has an MBA with an emphasis in marketing and international finance from DePaul University in Chicago)

\* its group of companies are located in Central America, Chile, Mexico, the United States, Spain and Colombia - acting together for the development of and services in electricity, natural gas, drinking water, basic sanitation, collection, use and final disposal of garbage; 13.5 million customers worldwide; objective: to incorporate climate change management into business decisions, on the low-carbon, climate-resilient path

\$2.57 billion (2019)  
\$1.18 billion (2020)

Codensa SA ESP and Emgesa SA ESP (a subsidiary of Enel *supra*)

+57- 1601 6060

Michele Di Murro, CFO him

Investor Relations

Ana Cristina Garavito Parra

Head of Debt Management and Investor Relations

ana.garavito@enel.com

+57 1 601 6060

Natalia Andrea Bautista Peña

Expert Debt Management and Investor Relations Professional

natalia.bautista@enel.com

+57 1 601 6060

involved in electricity generation (hydro) and transmission

\$1.59 billion (2020)

ISAGEN A ESP

+57 4448 7227

Paraskevas Fronimos (Director in the infrastructure group at British Columbia Investment Management Corporation)

Shareholder Dept.

+57 604 444 00 57

actionsconenergia@isagen.com.co

generates and sells energy - 9 hydro and thermal plants with 2 under construction;

added new renewable megawatts through acquisitions

\$752.79 million (2016)

Vanti SA ESP & Vanti Group

+57 1348 5500 d&b

+57 1307 8121

distribution and commercialization of natural gas in 105 municipalities of the country to more than 3 million customers

\$781.01 million (2019)

Empresas Municipales de Cali

+57 2899 8002

website not accessible

is a state-owned company providing water, telecommunications, electricity and aqueduct / sewerage services

\$635.31 million (2019)

Empresa de Acueducto y Alcantarillado de Bogotá ESP

+57 1344 7068 d&b

+57 6013 447 000

Investor Relations?

Diana Gisela Parra Correa, Corporate Financial Management

provides the services of aqueduct and sanitary and storm sewers - more than 17,000 kilometers of networks; services more than 2 million in 11 municipalities; growing and with important opportunities for new business nationally and internationally - has a strategy to reinvest our profits in projects to expand the aqueduct and sewerage services; works for the sanitation of 4 large rivers, the recovery of more than 100 streams, 13 wetlands and the maintenance of the city's canals; has a hydro plant; has cooperation and advisory agreements on water and sewerage issues in Argentina and soon in Central America, Mexico and Puerto Rico; \$558.37 million (2019)

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## Geothermal Companies and Organizations

### New Zealand

Rotokawa Geothermal Limited (a subsidiary of Mercury)

+64 930 88 200 (NZ)

William Meek, CFO

generate electricity from 100% renewable sources - hydro, geothermal and soon wind; also sell electricity to our customers through our retail brands; the NZ company has a 51% share in the company

\$1.31 billion (2020)

Geothermal Developments Limited & The Eastland Group

+64 212 220 247 d&b

+64 6 986 4800

info@eastland.nz

Aaron Snodgrass, CFO

a Gisborne-based infrastructure and logistics company that runs Tairāwhiti's lines company, port and airport, along with geothermal power plants in the Bay of Plenty and a hydro scheme near Wairoa; nearly all of Eastland Group's non-commercial vehicle fleet is electric; established a region-wide electric vehicle fast charging network; will be introducing New Zealand's first electric water truck at Eastland Port; and are undertaking long term solar PV trials, covering both domestic and commercial use; continue to explore options for local renewable energy generation, including solar PV, wind, and wood waste to energy  
\$9.32 million (2020)

Ngati Tuwharetoa Geothermal Assets Limited

+64 7 323 4164

<https://www.tuwharetoakawerau.co.nz/contact-us>

generates geothermal electricity; for example, the Kawerau timber facilities have used geothermal energy for timber drying since the late 1950's. This is the world's largest single user of geothermal steam for process heat using some 5000 TJ/year of geothermal heat energy. Three large direct geothermal heat utilisation activities are associated with the timber industry in Kawerau

Geothermal Developments Limited (a subsidiary of Eastland Group)

+64 6 986 4800

info@eastland.nz

Aaron Snodgrass, CFO

wants to be New Zealand's best regional infrastructure company; specialise in regional infrastructure: ports, electricity networks, and electricity generation; produces electricity from hydro, diesel and geothermal plants

Tauhara Geothermal Charitable Trust

+64 7 386 6843

info@tdltd.co.nz

helps fund geothermal projects in an area of the country

Contact Energy

+84 4 499 4001

Dorian Devers, Chief Financial Officer

one of the world's leading geothermal power companies; has several large hydro power stations and natural gas power stations

## Indonesia

Star Energy Geothermal Pte, Ltd. (a subsidiary of Star Energy)

+62-21-29180800, +62-21-85220300

Hendra Soetjipto Tan, Director - Chairman

is Indonesia's largest geothermal energy producer and a leading clean energy company - it set up two holding companies, one for its oil & gas business and another for its geothermal business; Star Energy Geothermal (Wayang Windu) Limited, Star Energy Geothermal Darajat II, Limited, Star Energy Geothermal Salak, Ltd.

## Philippines

Green Core Geothermal Inc. (a subsidiary of Filipino company Energy Development Corporation and Lopez Group)

+632 8667.7332; +632) 7755.2332

pubrels@energy.com.ph

Erwin Avante, VP & Chief Financial Officer

the Philippines' leading 100% renewable energy producer; geothermal is its primary source of power - claims to be the world's largest vertically integrated geothermal energy producer and the third largest geothermal energy producer in the world; also has wind, hydro power and solar

Philippine Geothermal Production Company, Inc.

+63 2 7976 6000

starting in 1974, PGI went on to discover and develop the Mak-Ban geothermal resource in an area that straddles the provinces of Laguna and Batangas; PGPC continues its legacy of providing a clean, stable, reliable and renewable source of energy to meet the country's growing power requirements; its vision is to be the leading geothermal energy company recognized not only for its world-class performance but also for contributing to the improvement in the lives of the people in the communities where it operates

Chevron Geothermal Philippines Holdings, Inc. (a subsidiary of Chevron)\*

+63 288 458 400

925.842.1000 (Calif)

<https://www.chevron.com/about/contact/email-chevron>

\* Investor Relations

925.842.5690

## Kenya

Geothermal Development Company

+254 719 037 000

[info@gdc.co.ke](mailto:info@gdc.co.ke)

<https://www.gdc.co.ke/contact.html>

mission to develop 1,065 MW from geothermal resources by 2030; is tasked with developing steam fields and selling geothermal steam for electricity generation to Kenya Electricity Generating Company PLC (KenGen) and private investors; the Government of Kenya and several development partners have been financing geothermal exploration and drilling.

\$155.68 million (2020)

Kenya Electricity Generating Company PLC (KenGen)

+254 711 036-000

[pr@kengen.co.ke](mailto:pr@kengen.co.ke)

Dr. FCPA John Mudany, Finance

the leading electric power generating company in East Africa; strategy is to deliver affordable clean energy by creating value for shareholders and while expanding energy sources and revenue streams; its installed generation capacity mix includes Hydro (825.69 MW), Geothermal (713.13 MW), Thermal (253.5MW) and Wind (25.5MW)

## Japan

Kyushu Electric Power Transmission and Distribution Co., Inc. (formerly Kyushu Electric Power)

+81 92 761 3031

generates, transmits and distributes electricity on Japan's southernmost island providing nuclear, thermal and hydroelectric power generation; also sells wholesale electricity and has international power production and consulting

operations, primarily in Asia; is actively introducing renewable energy, accounting for more than 40% of geothermal power generation in Japan

\$20.26 billion (2021)

Yuzawa Geotherman Power Co. Ltd.

+81 183 552 555

the existence of promising geothermal resources has been confirmed

INPEX Geothermal Sarulla, Ltd.

+81 355 720 200

Investor Relations

<https://www.inpex.co.jp/form/inquiry/input?formnum=ir>

actively promote the exploration, development and production of oil and natural gas, and contribute to the realization of a stable and efficient supply of energy and investment and financing for companies engaged in these businesses; enthusiastically promoting the development of new energy technologies by strengthening our efforts for renewable energy such as wind power generation and solar power generation, including geothermal power generation; have been conducting geothermal resource surveys for the commercialization of geothermal power generation in the Oyasu area of ??Akita prefecture and the Amemasudake area of ??Hokkaido as an initiative for geothermal development in Japan; also working on geothermal development overseas; also pursuing solar, on-shore wind and hydrogen + invested in Erie Power Co., Ltd., which develops, manufactures and sells large lithium-ion batteries and power storage systems

United States

U.S. Geothermal

(208) 424-1027

through its Idaho-based subsidiary Geo-Idaho, the company runs geothermal power plants, which use heat from beneath the Earth's surface to generate electricity; its Idaho plant generates 8 MW of power for Idaho Power; the operation is a joint venture with Goldman Sachs, which contributed about \$34 million to plant construction. The Nevada plant produces about 2.5 MW for Sierra Pacific Power; it also has exploration and development-stage properties in Oregon, Nevada, Idaho and in Guatemala

\$32.06 million (2017)

#### Ormat Geothermal

Smadar Lavi, VP Corporate Finance & Head of Investor Relations

775-356-9029 (ext. 65726)

slavi@ormat.com

a leading geothermal company and the only vertically integrated company engaged in geothermal and recovered energy generation with the objective of becoming a leading global provider of renewable energy; has over five decades of experience in the development of state-of-the-art, environmentally sound power solutions; it designs, develops, builds, owns and operates geothermal and recovered energy-based power plants; has some 1,400 employees; its current generating portfolio is spread globally in the U.S., Guatemala, Guadeloupe, Honduras, Indonesia and Kenya; also designs, manufactures and sells power generating equipment as well as complete power plants on a turnkey basis

#### Geothermal Alliance of Illinois

(217) 241-7973 d&b

(217) 971-3533

jfreitag@gaoi.org

<https://gaoi.org/contact-us>

David Buss, President

has worked in the geothermal industry since the 1980s and holds many geothermal heat pump credentials, including the Certified Geothermal Designer (CGD) designation

#### GeothermalXperts, Inc.

713-666-1101

service@indoorcomfortspecialist.com

Texas based certified geothermal designers, installers and service technicians

#### Geothermal Supply Co., Inc.

(270) 786-3010

<http://www.geothermalsupply.com/contact.cgi>

Matt Lile, Operations Manager

a nationwide provider of quality geothermal products and services to the ever growing geothermal industry

\$6.00 million (2020)

Calpine Siskiyou Geothermal Partners, L.P. (see Calpine *supra*)  
(408) 995-5115  
\$4.71 million (2020)

...v...^...

Mount Hoffman Geothermal Company LP  
(408) 995-5115  
\$4.67 million (2020)

Indiana Geothermal, Inc.  
(317) 829-1490  
<http://www.indianageothermal.com/about>  
Kris Kyler & Randy Ball  
a premier leader in the design of the geothermal loop fields - provides geothermal products, custom system designs and hundreds of earth loop installations; a pond Loop consists of multiple coils piped together to serve the building. These coils will be piped together in "rafts" and sunk to the bottom of the lake/pond. This is the most cost effective way to achieve the benefits of a geothermal system  
\$4.48 million (2020)

GeothermEx  
510-527-9876  
[geothermexinfo@slb.com](mailto:geothermexinfo@slb.com)  
Ann Robertson-Tait, President  
explores, assesses, drills, tests, models and quantifies the foundational element of every geothermal project; also enable another key element: funding - its due diligence has resulted in more than \$14 billion in project investments and 8.5 GW of power, more than half of the world's operating geothermal capacity today  
\$3.02 million (2020)

GreenFire Energy Inc.  
1.888.899.7363  
[info@greenfireenergy.com](mailto:info@greenfireenergy.com)  
<https://www.greenfireenergy.com/contact-us>  
John R. Muir, Sr. VP, Business Development  
develops and implements innovative geothermal technology to accelerate the world's transition to clean, continuous renewable energy; has a closed-loop

technology that extracts and transports heat from deep in the earth to be used for power generation; also involved in hydrogen production and oil & gas

Geothermal Drilling, Inc.

(936) 293-8787 d&b

(936) 291-0739

info@geothermal-drilling-inc.com

William McPike, Owner/President

runs 3 rigs that are drilling vertical wells at depths of 250'-400' plus in most areas; 28 employees; works on residential projects as small as 3-4 ton homes up to 120 ton homes or larger. We also work on extremely large commercial projects such as Midway High School, Waco, Texas, which at the time was the largest geothermal project in Texas with 1115 wells and approximately 9 miles of 4" pipe, as well as numerous other schools, libraries, courthouses, fire stations, and the Dallas Habitat for Humanity

\$3.00 million (2020)

Finland

Rototec Oy & the Rototec Group

<https://rototec.fi>

deliver geoenergy fields for ground source heating and cooling especially for large properties and industries and provide consulting services for geoenergy projects; 51,000 energy wells drilled in Nordic countries; 100 employees; has a presence in Finland, Sweden and Norway; the Group is the market leader and manages Europe's largest drilling equipment of geoenergy

\$31.95 million (2020)

Australia

Alinta Energy Geothermal Pty Ltd.

+61 133 702

sell gas and electricity to over one million customers and we employ 800 people across Australia and New Zealand; underwriting or directly investing in 1,500MW of large scale renewable energy by 2025; these renewable generation and innovative projects across Australia include solar power, battery storage and major wind farm operations (WA's largest wind farms)

### Green Rock Energy

+44 7452 388 848 (holding company)

+41 435 501 309 (investor relations in Switz)

a UK based holding company specializing in the Latin America market: main objective is the integration, promotion, development, construction, management and financing projects of renewable and alternative energy; provide permanent solutions to environmental pollution from solid waste and hazardous and medical waste with technology; waste-to-energy project in Ecuador and Peru and an ethanol plant in Bolivia; Aussie gov't claims it has a geothermal operation at the Olympia dam

### Greenearth Energy Limited

+61 3 96207299 no website

an Australian Geothermal energy company that aims to explore for and develop geothermal resources in Australia, and in due course in New Zealand and in the wider Pacific Rim; Aussie gov't claims it has a "Anglesea Geothermal Play" and a "Wombat Geothermal Play"

### Petratherm

+61 8 8133 5000

<https://www.petratherm.com.au/contact-us>

focus is in two world-class mining provinces - South Australia's eastern Gawler Craton exploring for Olympic Dam Style copper and gold and in Victoria, orogenic gold; Aussie gov't claims it has a "Paralana Geothermal Play"

### Panax Geothermal

+ 61 7 3512 7000

[info@panaxgeothermal.com](mailto:info@panaxgeothermal.com)

<http://www.panaxgeothermal.com.au/contact.htm>

Kerry Angel, Secretary & Chief Financial Officer

[kangel@panaxgeothermal.com.au](mailto:kangel@panaxgeothermal.com.au)

a geothermal exploration and development company that owns some of Australia's largest geothermal resources; targeting advanced, conventional projects; wants to become a major player in the industry nationally and internationally; it has secured several projects in Indonesia and will continue strategically increasing its project portfolio - Indonesia is considered a world geothermal 'hotspot' and has more than 27,000 megawatts potential; to meet the electricity demands of the fast growing economy, the Indonesian Government plans to expand geothermal

generating capacity by 240 per cent over the next four years; is targeting projects in the Indian Himalayas which is characterized by high geothermal gradients and very high temperatures; is focusing its interests on a Himalayan geothermal province which is a belt of extreme high-heat flows which extends east into Tibet; current projects: 3 in Australia, 4 in Indonesia and 1 in India

## Canada

Geotility Geothermal Installations Corp.

(604) 273-5776

info@geotility.com

<https://www.geotility.com/contact-us>

began over 50 years ago as a heating and cooling contractor; it has since grown to be a leader in the geothermal field and in the development and delivery of comprehensive sustainable energy systems throughout Canada and the United States; continues to be a customer focused heating, cooling and solar PV provider; have completed thousands of projects ranging in size from small residential installations to large commercial and institutional work; design and install conventional HVAC and geothermal systems in Western Canada and the United States

Alternative Earth Resources Inc. website not on the Internet

(604) 688-1553 Vancouver

an experienced renewable energy company, focused on developing and generating clean, sustainable electric power from geothermal resources

...V...

Nevada Geothermal Power Company

(775) 786-3399

\$7.25 million (2020)

Haliburton Geothermal

705-457-3470

info@haliburtongeothermal.com

provides horizontal, vertical and lake loop geothermal heating and cooling systems  
\$4.42 million (2020)

## Philippines

First Gen Corporation

+632 34 496 400

Investor Relations

(632) 3449-6400

[investorrelations@firstgen.com.ph](mailto:investorrelations@firstgen.com.ph)

paved the way for the birth of the natural gas industry in the Philippines and leads in the production of renewable energy; it run absolutely on zero % coal power and is powering 21% of the country with clean energy as of 2019 - natural gas, geothermal, hydro, wind and solar; Energy Development Corporation (EDC), the world's largest vertically-integrated geothermal company, is a subsidiary of First Gen that is primarily engaged in the exploration, development, operation, and optimization of geothermal steamfields, and in power generation

\$1.83 billion (2020)

Marubeni Philippines Corporation (a 100% subsidiary of Marubeni Asean Pte. Ltd.)\*

+63 838 480 584 d&b

+63 (2) 8819-0211 to 20 loc. 313

[PHLMAC1@marubeni.com](mailto:PHLMAC1@marubeni.com)

<https://www.marubeniphil.com/contact-us>

operates through its global network composed of 136 offices (branches and corporate subsidiaries) in 68 countries and regions, 4,404 employees (excluding 434 local employees of overseas branches and offices and 1,487 local employees of overseas corporate subsidiaries); its Marubeni Philippines Corporation's Power Business Department built several IPP power plants funded under project finance scheme, like the Mindanao Geothermal Power Plants 1 & 2 and also built and currently operates with its partner, Kansai International Power Corporation, the 411 MW San Roque Multipurpose Dam Project; focuses on the construction of new merchant plants, the expansion of existing power plants and participation in the gas industry and in the gas power development; also provides gas power plant solutions like the supply of compressed natural gas barges for transporting regional natural gas and Gravifloat, a secured semi-floating liquefied natural gas tank regasification unit; operates 1 hydro plan; has under construction or rehabilitating, inter alia, 5 geothermal plants

\* sectors include lifestyle, ICT & real estate business, forest products, food, agri business, chemicals, energy, metals & mineral resources, power business, infrastructure project, aerospace & ship, finance & leasing business, construction, industrial machinery & mobility, and next generation business development; Japan HQ with offices around the world - 133 branches and offices, consisting of Head

Office, 12 Japan branches and offices, 58 overseas branches and offices, and 29 overseas corporate subsidiaries containing 33 branches and offices; Investor Relations: [https://www.marubeni.com/en/contact\\_form/form.php?category=ir](https://www.marubeni.com/en/contact_form/form.php?category=ir)

Unified Leyte Geothermal Energy Inc., Energy Development Corporation & The Lopez Group\*

+632 8667.7332 / +632 7755.2332

[pubrels@energy.com.ph](mailto:pubrels@energy.com.ph)

Erwin O. Avante, Vice President, Chief Financial Officer, Head of Finance

a diversified renewable energy company, it is the Philippines' leading 100% renewable energy producer with an installed capacity that accounts for over 46% of the country's total installed RE capacity; geothermal is its primary source of power; also has wind and hydropower; put the Philippines on the map as the third largest geothermal energy producer in the world;

\* has interests in sustainable energy development, infrastructure, property development and green manufacturing; is the parent company of leading clean and renewable energy advocate First Gen Corporation which in turn controls geothermal energy pioneer Energy Development Corporation

Philippine Geothermal Production Company (subsidiary of Allfirst Equity Holdings, Inc.)

+63 279 766 000

vision is to be the leading geothermal energy company; the Tiwi commercial operations began in 1979, ushering the birth of the geothermal industry in Southeast Asia. It has a contract area of 5,087 hectares with 44 active production wells and 27 injection wells; the Mak-Ban commercial operations began in 1979. It has a contract area of 4,323 hectares which straddles the provinces of Laguna and Batangas and counts six municipalities as its host communities. It has 73 active production wells and 16 injection wells

Energy Development Corporation (a subsidiary of First Philippine Holdings Corporation supra)

+632 7755 2332

[pubrels@energy.com.ph](mailto:pubrels@energy.com.ph)

the world's largest vertically-integrated geothermal power producer:  
<https://www.energy.com.ph>

## Indonesia

KS Orka & OTP Geothermal Pte. Limited

+62 21 7278 7336

KS Orka is a project developer focusing exclusively on the development of geothermal resources - is prioritizing the geothermal development in Indonesia and constantly looking for more opportunities; currently has three projects in Indonesia its team has over 30 years of collective experience in developing, managing and financing geothermal energy and power projects; profiles PT Sorik Marapi Geothermal Power - one of the largest developing geothermal projects in Indonesia; Indonesia is considered a world geothermal 'hotspot' and has more than 27,000 megawatts potential; to meet the electricity demands of the fast growing economy, the Indonesian Government plans to expand geothermal generating capacity by 240 per cent over the next four years

Basic Energy Corporation

+63 2 3224-4383

<https://www.basicenergy.ph/contact-us>

Alain S. Pangan, Vice President, Finance

Investor Relations

Atty. Angel P. Gahol

[investor.relations@basicenergy.ph](mailto:investor.relations@basicenergy.ph)

the holding company's business interests in various fields of renewable energy and alternative fuels, and oil and gas exploration and development; aims to be the leading developer of alternative and renewable energy, oil and allied products and services in the country; its subsidiaries include Basic Biofuels Corporation (developer of biofuels); Basic Renewables, Inc. (renewable energy) and Mabini Energy Corporation (formerly Basic Geothermal Energy Corporation); also owns Grandway Group Limited, a company registered in Hong Kong in 2013, and which then established PT Basic Energi Solusi as its operating arm in the management and operation of oil wells in Indonesia

## Philippines

AP Renewables, Inc.

+63 32 886 2800

one of the leading geothermal energy producers in the country, delivers clean and renewable baseload power with the two facilities that it operates

## Singapore

Orka Energy (Orka Geothermal Investments Pte. Ltd.)

+65 62 105 555

info@orkaenergy.com

a proven track record of identifying and developing transformational geothermal projects. Our mission is to harness geothermal energy to meet Asia's demand for cleaner, sustainable energy; successfully built China's largest geothermal business; is now developing the Biliran, Leyte geothermal reservoir, one of the most sophisticated geothermal projects in the Philippines; also Orka Geothermal Investments Pte. Ltd.

## Sweden

Climeon

+46 10-160 44 33

<https://climeon.com/contact>

Investor Relations

investor@climeon.com

world leader in converting low temperature heat into clean electricity; produces heat power systems, converting waste heat and geothermal heat into clean electricity

## Tanzania

Tanzania Geothermal Development Company Limited (a subsidiary company of Tanzania Electric Supply Company Limited)

+255 687 833 855

info.tgdc@tanesco.co.tz

<https://www.tgdc.co.tz/feedbacks>

Kato T. Kabaka, General Manager

100% owned by the government of Tanzania, it was incorporated for the purpose of spearheading development of geothermal resources in Tanzania; to explore, drill and harness geothermal resources for power generation and direct applications

\$3.42 million (2020)

## Iceland

Reykjavik Geothermal

+354 414 1250

rg@rg.is

Vilhjalmur Skulason, Chief Financial Officer

was founded in 2008 by one of the world's most experienced geothermal management and science teams; prior to the formation of the Company, members of the RG team were responsible for over a quarter of the world's geothermal power development over the previous four years; the management team has been involved with the development of over 3000 MW of geothermal projects in over 30 countries, including the power plant in Iceland, currently the world's largest combined heating and power geothermal plant; offices in New York and Ethiopia  
\$3.36 million (2020)

Netherlands

Verkade Installatiegroep B.V. - VerkadeClimate

+31 174 292 386

info@verkadeklimaat.nl

+31(0) 174 292 386

a consortium of seven growers in 'de Vogelaer' in Poeldijk joined forces for a major project: together they wanted to use geothermal energy of the area

Spain

Geothermal Energyh SL

+34 912 686 626 d&b

info@geoter.es

Rosa María Gijón, Finance Manager

the first and most experienced geothermal company in Spain, with more than 14,000 thermal kW installed - more than 300 projects since 2007; a consulting-engineering company composed by a multidisciplinary team of engineers

\$2.97 million (2020)

India

LNJ Bhilwara & LNJ Bhilwara Group

+91-120-4390300

info@lnjbhilwara.com

Bhilwara Energy Limited, its principal holding company for development and operation of renewable energy in India and overseas, has successfully commissioned two hydro and three wind power projects with two solar power

plants in planning phase in different parts of India; Google search says its involved in geothermal

Avin Energy Systems Pvt Ltd.

+91 79 26606379

avinsolar@gmail.com

<https://www.avinsolar.com/contact.php>

has explored possibilities of setting up geothermal power projects in Gujarat. Plans are underway to set up the first 5 MW power generating plant using geothermal energy; the company invites investors from all over the world to capitalize on this opportunity and be the first to start a geothermal power project in Gujarat; need financiers and investors to get the project off the ground

GeoSyndicate Power Private Limited

+91 22 4215 2390

info@geosyndicate.com

Varun Chandrasekhar, Managing Director & CEO

a congregation of an experienced, established, scientific, engineering and management expertise; aims at promoting the use of non conventional energy mechanisms to deliver high efficiency and low cost electricity to the Indian Rural and power sectors; has an explanatory webpage on geothermal

## Philippines

First Gen Corporation & The Lopez Group

+632 3449 6400

Investor Relations

[investorrelations@firstgen.com.ph](mailto:investorrelations@firstgen.com.ph)

businesses include natural gas, geothermal, hydro, wind and solar; makes the following commitments: will build on our platform of renewable and low carbon energy assets and complement them where appropriate with flexible generation and storage technologies + expand the use of clean and renewable geothermal resources + deploy extensive experience in geothermal development gained over 4 decades + will pioneer the development of a liquefied natural gas  
\$1.83 billion (2020)

AP Renewables, Inc.

+63 32 886 2800

one of the leading geothermal energy producers in the country, delivers clean and renewable baseload power with the two facilities that it operates

## Thailand

EGCO (Electricity Generating Public Company Limited & EGCO Group)

+662 998 5000

Board of Directors: [directors@egco.com](mailto:directors@egco.com)

<https://www.egco.com/th/contact-the-board-of-directors>

Company Secretary: [cs@egco.com](mailto:cs@egco.com)

<https://www.egco.com/th/contact-corporate-secretary>

as a holding company it focus on investment in power business both domestically and internationally as well as expanding investments to related energy businesses; currently the power plants generate electricity from natural gas, coal, biomass, hydropower, solar, wind and geothermal; vision: to be a leading Thai company operating sustainable energy business

\$1.11 billion (2020)

## Guatemala

Instituto Nacional de Electrificación

+502 2422 1800

[gcomunicacion@inde.gob.gt](mailto:gcomunicacion@inde.gob.gt)

<http://www.inde.gob.gt/contacto>

Lic. Luis Fernando Chavarría Tenas, Financial Manager

state-owned company - objective: generate, transport and commercialize electricity from renewable sources; shortage of electricity in the country and ensure that there is energy available at all times to meet normal demand, to promote the development of new industries and the use of electricity in rural regions; cooperate in the multiple use of hydraulic, geothermal and other sources of the country for the purpose of generating electricity; determine, technically, economically and legally the hydroelectric, geothermal and other renewable sources

\$323.61 million (2019)

## Costa Rica

Instituto Costarricense de Electricidad & ICE Group

+506 2003 5423 d&b

+506 2000 7720

atuladoice@ice.go.cr

leading supplier of electricity and telecommunications in the country; is made up of four companies that offer cutting-edge solutions in both; has 40 generation plants and transmission and generation systems; is also a world benchmark in geothermal energy research and development and has an electrical matrix that combines various sources: hydroelectric, geothermal, solar, wind and biomass  
\$2.25 billion (2020)

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## Geothermal Organizations

International Geothermal Association (Germany)

iga@lovegeothermal.org

Andrew Sabin, Chair Finance

the global organization supporting the geothermal sector and delivering the future of clean energy

...v...

## The Italian Geothermal Union

Canadian Geothermal Energy Association

info@cangea.ca

Geothermal Canada

admin@geothermalcanada.org

committed to advancing science and promoting geothermal research and development; serving the geothermal community by stimulating technology transfer, knowledge exchange and information transmission

Ontario Geothermal Association

<https://ontariogeothermal.ca/contact-us>

a not-for-profit organization representing geothermal energy system designers, drillers, installers, equipment manufacturers and distributors to advance Ontario's geothermal heating and cooling industry

German Geothermal Association

+49 30 200 95 495 0

info@geothermie.de

Dr. André Deinhardt, Managing Director

andre.deinhardt@geothermie.de

advocates the use of all existing geothermal technologies ranging from shallow to deep, and from cooling to heating, and the production of electricity

Korea Groundwater and Geothermal Energy Association

+82 220 573 200

kogga@kogga.or.kr

Geothermal Rising

530.758.2360 (California)

info@mygeoenergy.org

<https://my.geothermal.org/general/?type=CONTACT>

John Truiillo, President

Global Geothermal Alliance

+971 2 417 9000 (Abu Dhabi, UAE)

gga@irena.org

serves as a platform for dialogue, co-operation and co-ordinated action between the geothermal industry, policy makers and stakeholders worldwide; a coalition for action to increase the use of geothermal energy, both in power generation and direct use of heat

European Geothermal Energy Council

+32 2 318 40 65 Belgium

com@egec.org

Philippe Dumas, Secretary General

+32 2 318 40 61

p.dumas@egec.org

a non-profit international organization that promotes the European geothermal industry and enables its development both in Europe and worldwide, by shaping policy, improving business condition and driving more research and development; more than 120 members from 28 countries, including developers, equipment manufacturers, electricity providers, national associations, consultants, research

centers, geological surveys, and public authorities, make EGEC a unique network, uniting and representing the entire geothermal sector

Geothermal Association of Kenya

+254 759 213 020

[gak.kenya@gmail.com](mailto:gak.kenya@gmail.com) or [info@gak.co.ke](mailto:info@gak.co.ke)

Mike Karanja, Executive Officer & Cynthia Rutto, Finance Officer

a professional, scientific and educational organization. It was registered in Kenya by the Registrar of Societies, on the 23rd of April 2010, to encourage, facilitate and promote coordination of activities related to local and worldwide research, development, and application of geothermal resources. It is a non-political, non-governmental and non-profit organization; Kenya leads in Geothermal Power Production in Africa; Kenya is ranked 8th globally, after USA, Philippines, Indonesia, Turkey, New Zealand, Mexico, and Italy; high-temperature geothermal energy prospects in Kenya occur along the Rift Valley setting; the current developed capacity stands at about 860 MWe; Kenya has a potential of about 10,000 MWe

WING - Women in Geothermal Association

Ann Robertson-Tait, Global Chair

Andy Blair (female)

[andy.blair@upflow.nz](mailto:andy.blair@upflow.nz)

Marit Brommer (the Executive Director of the International Geothermal Association)

[marit@lovegeothermal.org](mailto:marit@lovegeothermal.org)

imon Addison (focus on geothermal growth in Indonesia - Andy's email)

growing to be the single-largest geothermal organization in the world with almost 2000 members from 48 countries as of January 2021

New Zealand Geothermal Association

[committee@nzgeothermal.org.nz](mailto:committee@nzgeothermal.org.nz)

<https://nzgeothermal.org.nz/contactform>

power companies in New Zealand generate roughly 7,500 GWh per year from 19 power plants located over 8 high-temperature fields; 5 entities operate geothermal power stations: Mercury Energy (489 MWe), Contact Energy (420), Top Energy (25 MW), Ngati Tuwharotoa Geothermal Ventures (20.5), Eastland Energy (9.5), and Nova (3.3)

