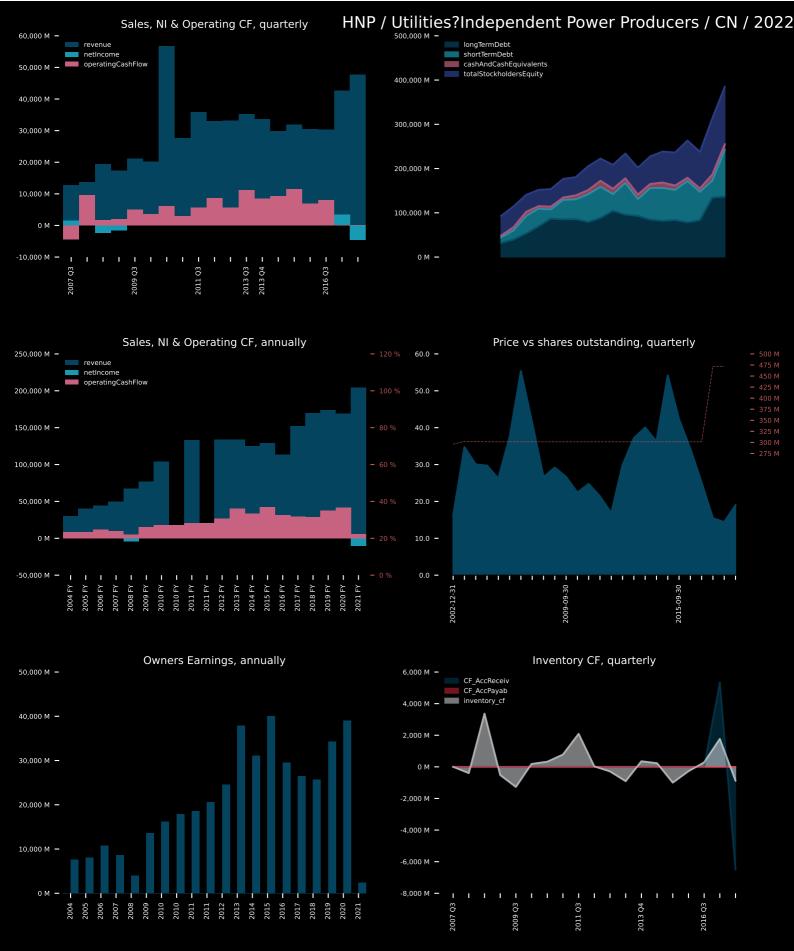
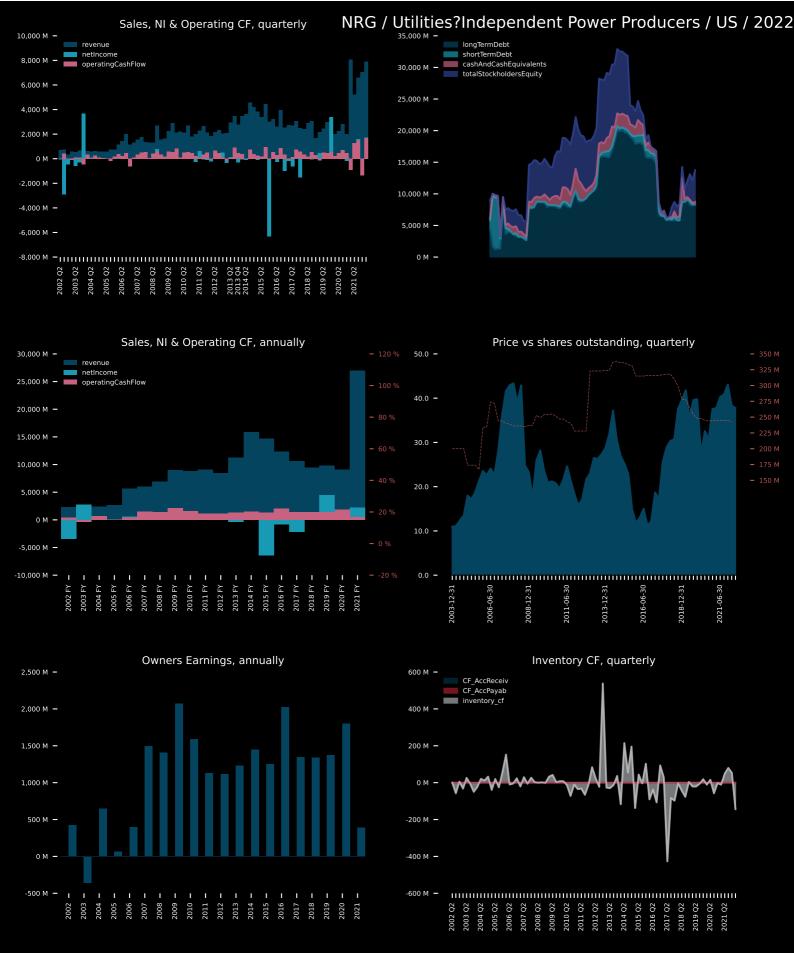


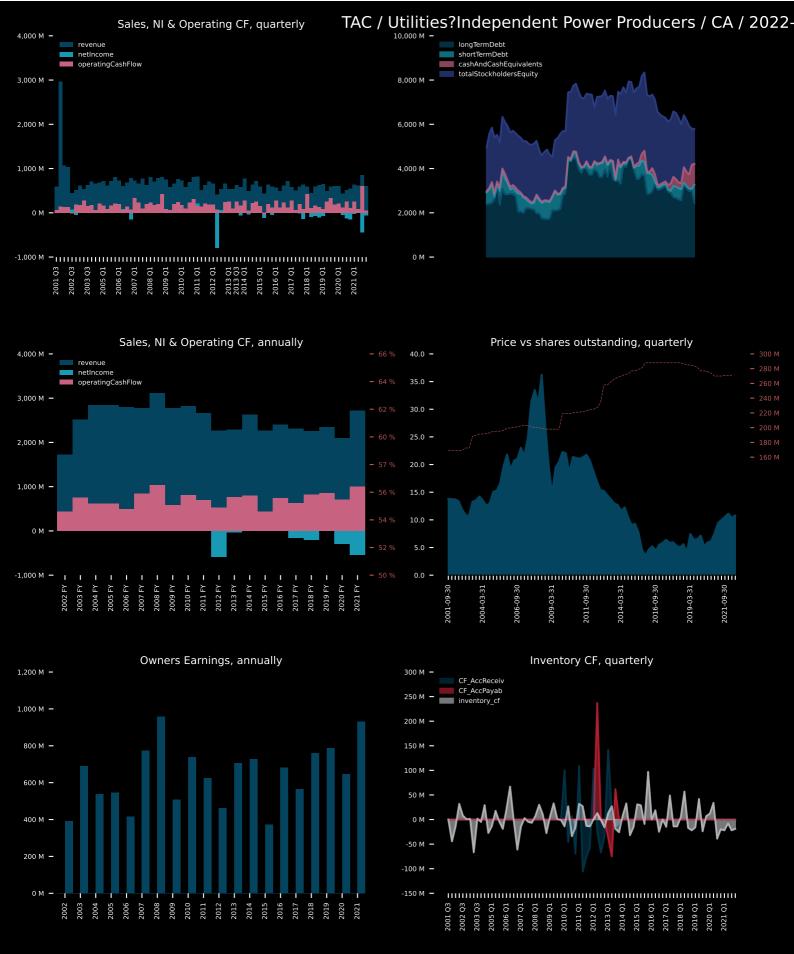
Vistra Corp., together with its subsidiaries, operates as an integrated retail electricity and power generation company. The company operates through six segments: Retail, Texas, East, West, Sunset, and Asset Closure. It retails electricity and natural gas to residential, commercial, and industrial customers across 20 states in the United States and the District of Columbia. The company is also involved in the electricity generation, wholesale energy purchases and sales, commodity risk management, fuel production, and fuel logistics management activities. It serves approximately 4.3 million customers with a generation capacity of approximately 38,700 megawatts with a portfolio of natural gas, nuclear, coal, solar, and battery energy storage facilities. The company was formerly known as Vistra Energy Corp. and changed its name to



Huaneng Power International, Inc., together with its subsidiaries, engages in the generation and sale of electric power to the regional or provincial grid companies in the People's Republic of China and internationally. It is involved in the development, construction, operation, and management of power plants and related projects. The company also generates power from gas turbine, hydro, wind, photovoltaic, coal-fired, and biomass resources. In addition, it is involved in the sale of coal ash and lime; cargo loading and storage; port, warehousing, and conveying activities; photovoltaic power generation projects development and construction; and provision of thermal energy and cold energy services, as well as thermal heating services. Further, the company engages in the repair and maintenance of power equipment; supply of steam and hot water; plumbing pine installation and repair; and operary engineering construction activities.



NRG Energy, Inc., together with its subsidiaries, operates as an integrated power company in the United States. It operates through Texas, East, and West. The company is involved in the producing, selling, and delivering electricity and related products and services to approximately 6 million residential, commercial, industrial, and wholesale customers. It generates electricity using natural gas, coal, oil, solar, nuclear, and battery storage. The company also provides system power, distributed generation, renewable products, backup generation, storage and distributed solar, demand response, and energy efficiency, and advisory services, as well as carbon management and specialty services; and on-site energy solutions. In addition, it trades in electric power, natural gas, and related commodities; environmental products; weather



TransAlta Corporation owns, operates, and develops a diverse fleet of electrical power generation assets in Canada, the United States, and Australia. It operates through four segments: Hydro, Wind and Solar, Gas, and Energy Transition. owns and operates hydro, wind and solar, natural gas-fired, and coal-fired facilities. The company also engages in wholesale trading of electricity and other energy-related commodities and derivatives; and related mining operations and natural gas pipeline operations. It serves municipalities, medium and large industries, businesses, and utility customers. The company was founded in 1909 and is headquartered in Calgary, Canada.

CESC Limited, an integrated electrical utility company, engages in the generation, transmission, and distribution of electricity in India. It owns and operates three thermal power plants, including Budge Budge, Southern, and Titagarh generating stations generating 1125 megawatts (MW) of power; a thermal power projects with a capacity of 600 MW in Haldia, West Bengal; two thermal power projects with a capacity of 640 MW in Chandrapur, Maharashtra and Asansol, West Bengal; and transmission and distribution systems that comprise 474 km circuit of transmission lines linking the company's generating and receiving stations with 105 distribution stations, as well as 8,211 km circuit of HT lines, and 12,269 km circuit of LT lines. The company serves approximately 2.9 million domestic, industrial, and commercial users in 567 square



PTC India Limited, together with its subsidiaries, engages in the trading of power in India, Nepal, Bhutan, and Bangladesh. The company engages in long term, medium term, and short-term power trading activities, as well as cross border power trading business. It is involved in project financing activities, such as investing and providing financing solutions to projects in the power sector and related areas in the energy value chain. It also provides consultancy and advisory services. It operates renewable energy portfolio of 288.8 MW comprising 50 MW wind power projects in Madhya Pradesh; 50 MW wind power project in Karnataka; and 188.8 MW wind power projects in Andhra Pradesh. It serves utilities, generators, and industrial and commercial customers. The company was formerly known as Power Trading Corporation of India Ltd and changed its name to PTC India Limited, PTC India Limited was founded in 1999 and is based in



Adani Power Limited engages in the generation and transmission of electricity under long term power purchase agreements and on merchant basis in India. It generates electricity through thermal and solar energy sources. The company has various power projects with a combined installed and commissioned capacity of 12,450 MW, including 4,620 MW at Mundra, Gujarat; 3,300 MW at Tiroda, Maharashtra; 1,320 MW at Kawai, Rajasthan; 40 MW at Bitta, Gujarat; and 1,600 MW at Godda, Jharkhand, as well as 1,200 MW at Udupi, Karnataka; 1,370 MW at Raipur, Chhattisgarh; and 600 MW at Raigarh, Chhattisgarh. It also trades in coal. The company was founded in 1988 and is headquartered in Ahmedabad, India. Adani Power Limited was formerly a subsidiary of Adani Enterprises Limited.

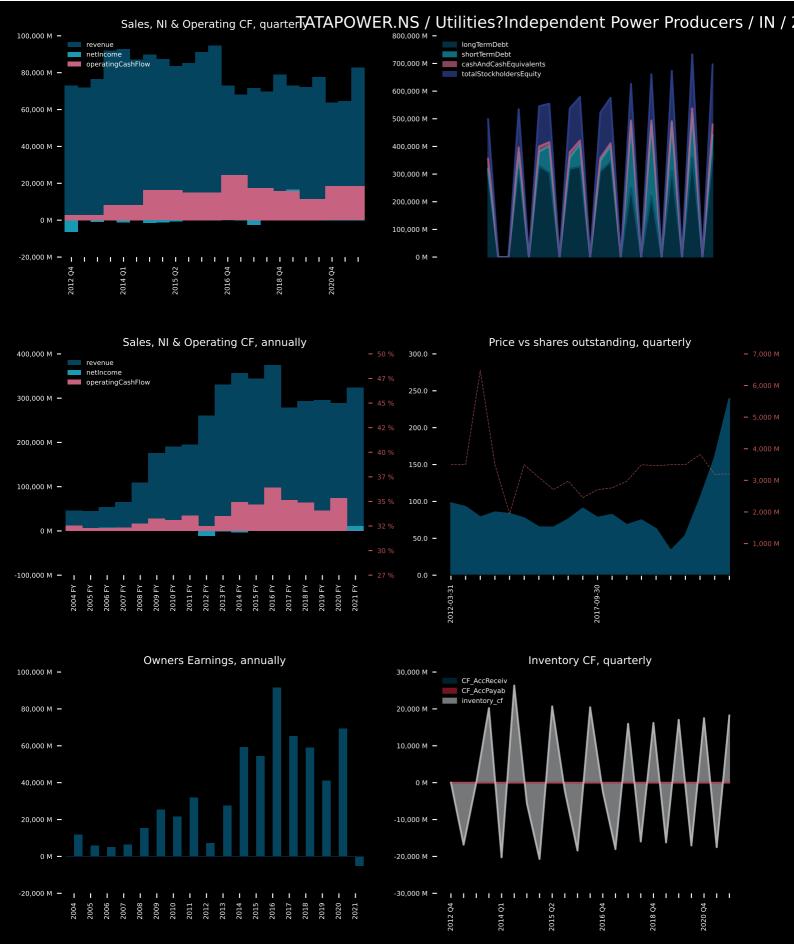
NTPC Limited generates and sells bulk power to state power utilities in India. It operates in two segments, Generation of Energy and Others. The company generates power from coal, gas, liquid fuel, hydro, solar, nuclear, wind, thermal, and renewable energy sources. It also offers consultancy, project management, and supervision services. In addition, the company is involved in the energy trading, oil and gas exploration, and coal mining activities. Further, it sells electricity to private DISCOMs operating in various states. As of February 05, 2022, the company had an installed power generation capacity of 67832.30 megawatt. NTPC Limited was incorporated in 1975 and is headquartered in New Delhi, India.

2019 Q1

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The Tata Power Company Limited engages in the generation, transmission, distribution, and trading of electricity in India and internationally. It operates through Generation, Renewables, Transmission and Distribution, and Others segments. The Generation segment generates power from hydroelectric and thermal sources, such as coal, gas, and oil. The Renewables segment generates power from renewable energy sources, which include wind and solar. The Transmission and Distribution segment transmits and distributes electricity; sells power to retail customers through distribution network and related ancillary services. The Others segment offers project management contracts/infrastructure management, and property development services, as well as rents oil tanks. The company also manufactures and sells solar photovoltaic colls and modules, and number operates electric vehicle charging stations and coal minos:



JSW Energy Limited generates and sells power in India. The company has a power generation capacity of 4,559 MW, which includes 3,158 MW of thermal, 1,391 MW of hydro, and 10 MW of solar. It has operations in the States of Karnataka, Maharashtra, Rajasthan, Himachal Pradesh, Andhra Pradesh, and West Bengal. The company also engages in power transmission and trading activities; and coal mining in South Africa. JSW Energy Limited was incorporated in 1994 and is based in Mumbai, India.



Torrent Power Limited, an integrated power utility, engages in the generation, transmission, and distribution of electricity in the states of Gujarat, Maharashtra, Uttar Pradesh, and Karnataka in India. The company owns thermal and renewable power plants with a generating capacity of approximately 3,879 MW. It distributes electricity in the cities of Ahmedabad, Gandhinagar, Surat, and Dahej SEZ covering the total area of approximately 425 square kilometers, as well as Dholera SIR covering an area of 920 square kilometers; and operates as a franchisee for electricity distribution in the cities of Bhiwandi, Agra and Shil-Mumbra-Kalwa covering an area of approximately 1,007 square kilometers. The company serves approximately 3.7 million customers. In addition, it is also involved in the manufacture and supply of power cables. The