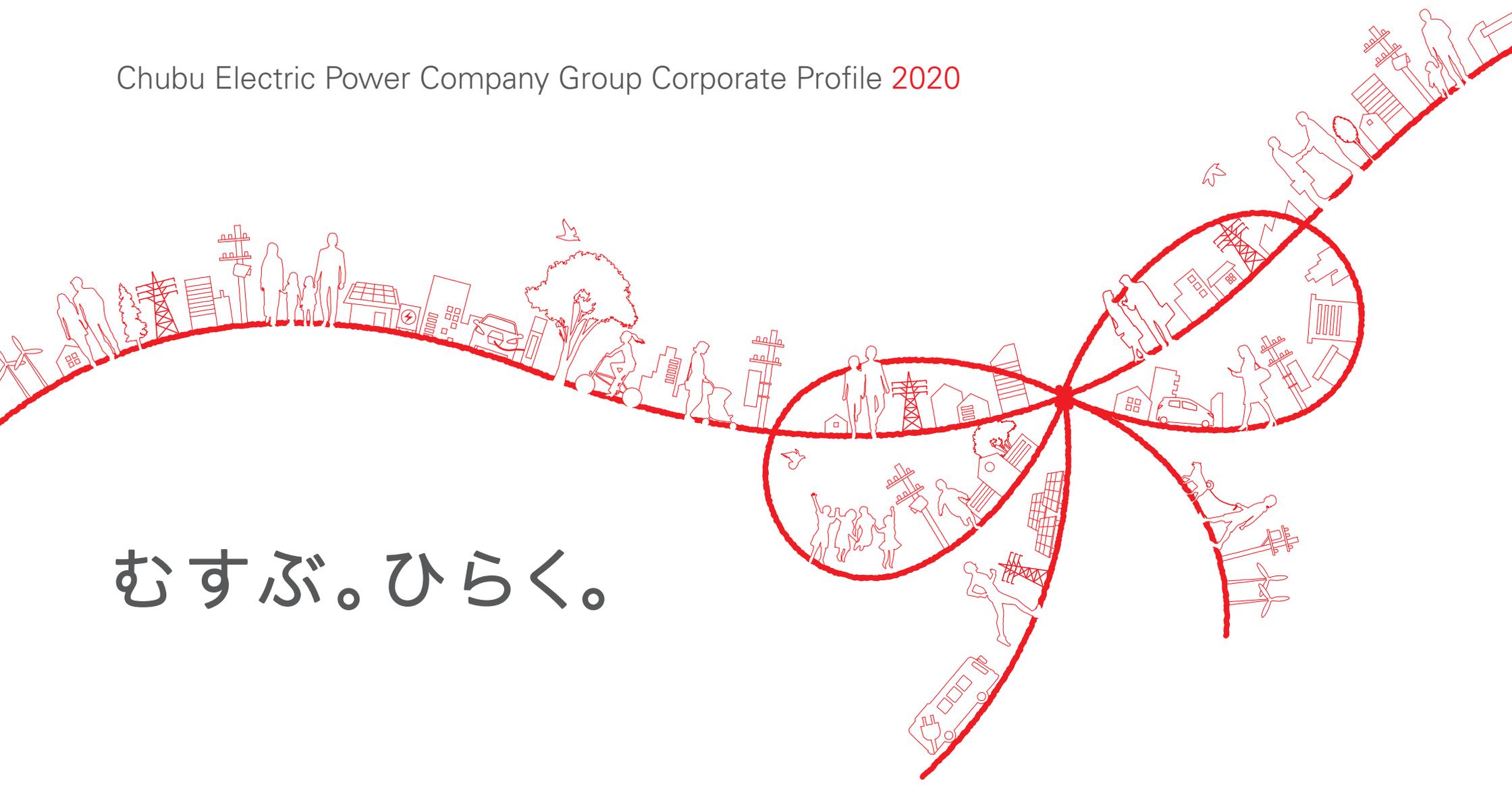


Chubu Electric Power Company Group Corporate Profile 2020



むすぶ。ひらく。

New Chubu Electric Power

Holding company



Company name

Chubu Electric Power Co., Inc.

The meaning of the company name

We have decided to carry on the name of "Chubu Electric Power," an important brand nurtured by the people of the Chubu region over our nearly 70-year history, and will be succeeded by each of the operating companies.

Corporate Profile

(As of April 1, 2020)

Corporate name: Chubu Electric Power Company, Incorporated
Headquarters: 1 Higashi-shincho, Higashi-ku, Nagoya, Aichi461-8680, Japan
 Tel: +81-52-951-8211 (Main)
Representative*: Hayashi Kingo, President & Director
Date of establishment: May 1st, 1951
Capital: ¥430,777,362,600
Number of employees: 3,179

Power transmission/
distribution business company



Chubu Electric Power Grid Co., Inc.

The name "Chubu Electric Power Grid Co., Inc.," based on the neutrality of the transmission and distribution business, articulates the role of the company as a general transmission and distribution business operator. "Power" refers to demand and power supply of electricity and "Grid" refers to the power transmission and distribution networks. The name, thus, represents our determination to take on the challenge of providing a stable supply of power in the new era.

Meaning of the logo



The logo of Chubu Electric Power Co., Inc. and Chubu Electric Miraiz Co., Inc. is based on the motif of the map of Japan with the Company at its center. The logo symbolizes our desire to create new value, by connecting people to people and people to society, and to spread such value like light from the Chubu region to the rest of Japan and beyond to the world.

The logo of Chubu Electric Power Grid Co., Inc. is based on the motif of the letter "C" for Chubu, which jumps out to the upper right-hand side, symbolizing our desire to further grow with the people of the Chubu region through the stable supply of energy.

Retail electric power business company



Chubu Electric Power Miraiz Co., Inc.

The name "Chubu Electric Power Miraiz" illustrates our desire to formulate a "Miraiz (future vision in Japanese)" that will brighten our customers' lives and businesses, and to live up to the customers' trust and expectations, more than ever before.

Fuel and Power generation company



*A fifty-fifty joint venture with TEPCO Fuel & Power, Inc.

A fifty-fifty joint venture established in 2015 between Chubu Electric Power Company, Incorporated and TEPCO (at the time), as an operating company to engage in thermal power generation and the procurement of fuels relating to thermal power generation.

Aiming to becoming a global leader in LNG and renewables, sparking the transition to a clean energy economy.



Chairman of the Board of Directors

Katsuno Satoru



President & Director

Hayashi Kingo

Message from the Chairman and the President

First of all, we would like to express our deepest appreciation for your support of the businesses of the Chubu Electric Power Group.

The environment surrounding the energy business is experiencing major changes chiefly on the back of rising demand of customers and society for a low-carbon society, the expansion of renewable energy, and rapid progress of digitalization. Furthermore, as natural disasters become more frequent and intense, maintaining a stable power supply and strengthening resilience has taken on greater significance.

To respond swiftly and flexibly to the business environment that is undergoing major changes, Chubu Electric Power split off its power transmission/distribution business to Chubu Electric Power Grid and its sales business to Chubu Electric Power Miraiz in April 2020.

Under the new structure, which can be regarded as the second start-up period, by utilizing digital and other technologies to the maximum extent, we will make an even greater group-wide effort to ensure the “fulfillment of our unwavering mission” of delivering a stable supply of high-quality, environmentally-friendly energy safety at an affordable price and customer-oriented “creation of new value”, services that exceed the expectations of our customers, provided together with as energy.

Additionally, the Group will promote low-carbonization by increasing the efficiency of the energy system of the society as a whole ranging from power generation and power transmission/distribution to the use by customers, we will aim to accomplish a higher level of “S+3E”^{*1}, and promote further “energy-saving” and “electrification,” to realize an even more “low-carbonization.”

We recognize that such initiatives of the Group are exactly the practice of ESG management. By further deepening these initiatives, the Group toward the realization of Society 5.0^{*2} and to achieve the SDGs.

We ask for your continued support and patronage.

September 2020

^{*1} S+3E: Pursuit of Energy security, Economy, and Environment based on Safety

^{*2} Society 5.0 [from Cabinet Office materials]: A new society that will create innovation by embracing new technologies, such as Internet of Things (IoT), robotics, artificial intelligence (AI), and big data, into all kinds of industries and social lives to solve social issues in a manner to satisfy the needs of each individual.

History of Chubu Electric Power

Overcoming numerous challenges since its foundation, Chubu Electric Power has grown together with the development of the Chubu region, which plays a central role in manufacturing in Japan.

Our unwavering mission since foundation is to ensure reliable delivery of energy

1951

Foundation of Chubu Electric Power

Power source development

At the time of foundation, we faced a serious problem of power shortage. The Power Source Development Division was formed immediately to formulate a basic plan and to start the development of new power sources.



Power Source Development Division (1951)



Shin-Nagoya Thermal Power Station (1959)



Ikawa Power Station (1959)

1960

Period of high economic growth



Transition from hydroelectric power to thermal power generation
Mie Thermal Power Stations Units 1 and 2 (1955)

Supporting high economic growth

In this era after the postwar recovery, large-scale power source development, primarily from oil thermal power generation together with an expansion of transmission systems, was promoted to meet the increasing demand for electricity accompanying the high economic growth.



Distributing large amounts of electricity to wider and farther areas
500 kV Seibu trunk line was constructed (completed in 1972)

1973

Oil crisis

Diversification of power sources (Best balance)

Due to electricity shortages caused by the oil crisis and severe pollution, a growing need to review dependence on oil thermal power and move towards diversified power sources arose. This resulted in the introduction of cleaner energies such as nuclear power and LNG (liquefied natural gas) thermal power.



Utilize LNG producing less CO₂ emissions
Chita Thermal Power Station Units 5 and 6 (1978)



Mixed power source with less reliance on oil
Hamaoka Nuclear Power Station Unit 1 (1976)

1991

Collapse of the bubble economy



Our first investment in overseas business
Ratchaburi gas thermal IPP (independent power producer) project in Thailand

Liberalization of the electric market

After the collapse of the bubble economy, liberalization of electric retail and wholesale markets commenced in line with the government's deregulation policy. In addition, as global warming became a serious problem in the world, we further promoted diversified power sources and launched gas sales and overseas businesses in order to secure new profits.



Selling LNG to customers who don't have a gas pipeline connection
LNG tanker truck

Navigating through the future with stakeholders

2011

The Great East Japan Earthquake

Advent of the new era of energy

After the Great East Japan Earthquake, Hamaoka Nuclear Power Station stopped its operation. We improve safety in our nuclear power generation and promote renewable energy development. Additionally, in even fiercer competition driven by the full liberalization of the electricity and gas retail markets, we sought reformation with the aim to become a total energy service corporate group.



Solar power generation with zero CO₂ emissions
Mega Solar Shimizu (2015)

2016

Full liberalization of the retail market for electric power

2017

Full liberalization of the retail market for gas



Comprehensive alliance in fuel procurement and thermal power generation business with Tokyo Electric Power
LNG transportation vessel owned by JERA Co., Inc.

2020

Split off of power transmission/distribution and sales divisions

The source of our value creation is the trust of our stakeholders that we have built since foundation. We will respond to their trust and deliver services that will exceed their expectations.

Birth of a new Chubu Electric Power

Following the full integration of the thermal power generation businesses into JERA in 2019, the power transmission/distribution and sales divisions were split off in 2020.

Under the new structure, individual companies will focus on their respective markets and autonomously promote their own businesses. In this way, the whole group will work together to deliver good-quality energy more safely and stably at a reasonable price.

Through the creation of Community Support Infrastructure, the group will also provide services that exceed expectations together with energy to contribute to the realization of a low-carbon society and the solution of other social issues.



Corporate slogan

2020~

むすぶ。ひらく。

(Musubu. Hiraku. in Japanese)

Our corporate slogan embodies our desire to continue to support communities by connecting (むすぶ。Musubu) people to people and people to society, with which we desire to explore (ひらく。Hiraku) the human potential and the future.

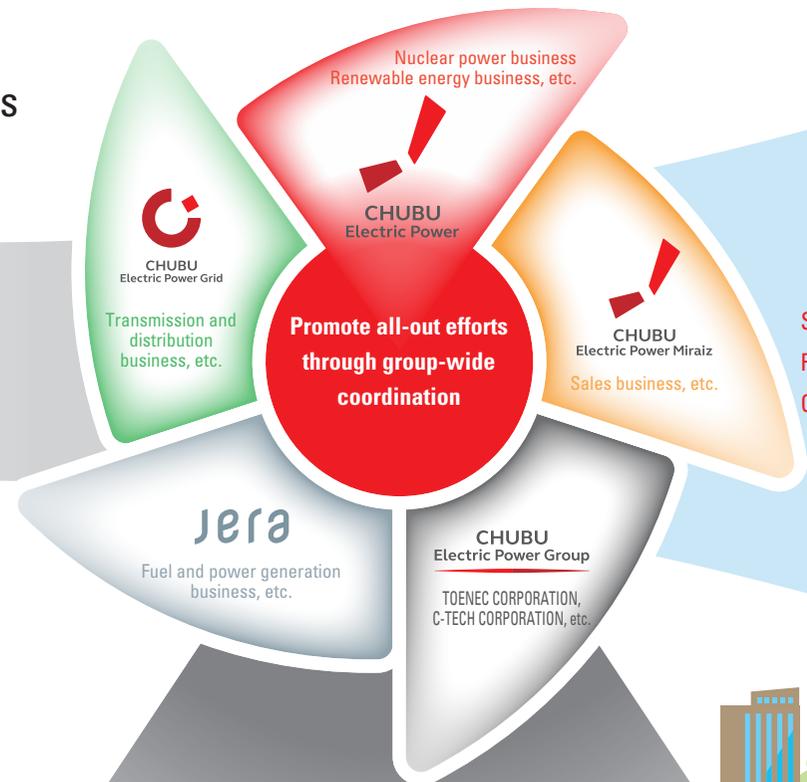
Under its corporate philosophy, the Chubu Electric Power Group will work with all its strength to achieve its goals of “ensuring stable power supply and resilience,” “realizing a low-carbon society” and “creating and providing new value” through the close coordination of group companies. Through these initiatives, we will promote the evolution of energy infrastructure into Community Support Infrastructure to contribute to the sustainable development of society.

Chubu Electric Power Group Corporate Philosophy

Chubu Electric Power Group delivers energy that is indispensable to people’s lives and so contributes to the development of society.

Social goals to be achieved

- Stable supply of indispensable energy
- Conservation of the global environment
- Safe, secure, and comfortable social life
- Development of regional communities



Stable power supply and resilience
Realization of a low-carbon society
Creation and provision of new value

Promoting evolution of energy infrastructure into Community Support Infrastructure

Trust of stakeholders
Fulfillment of corporate social responsibility (CSR)



Going forward we will continue to support community by connecting people to people and people to society.



Customers

We are committed to providing our customers with safe, convenient, and affordable energy services, as well as other services of value that meet their needs.



Shareholders and Investors

We are striving to maintain and increase profits for our shareholders and investors through efficient management and effective investment.



Local Communities

We are determined to conserve the global environment and contribute to sustainable local development in partnership with local communities.



Business Partners

We promise to deal fairly with our suppliers as equal business partners toward mutual growth and development.



Employees

We respect individuals and are endeavoring to create a cheerful and motivating workplace.



Ensure stable supply in the new era

Transition to a next-generation network

P09

Strengthening our resilience

P10

Information bank

Improving convenience of consumers and revitalizing local communities

P20

Creation of Community Support Infrastructure

Delivered together with energy services

P13

Connected home, healthcare

Use of life data for medical care

P20

Realization of a low-carbon society

Improving the efficiency of the energy system as a whole, including the promotion of energy saving and switching to electricity

P11-12

Expanding the development of renewable energy

P17

Social contribution activities

Scientific curiosities of children

"Denki Kodomo" (Electricity and Children) series



Local community development

Local revitalization through field trips to dams

Dam cards



Environmental conservation

Development of environmental experts

Chuden Foresters



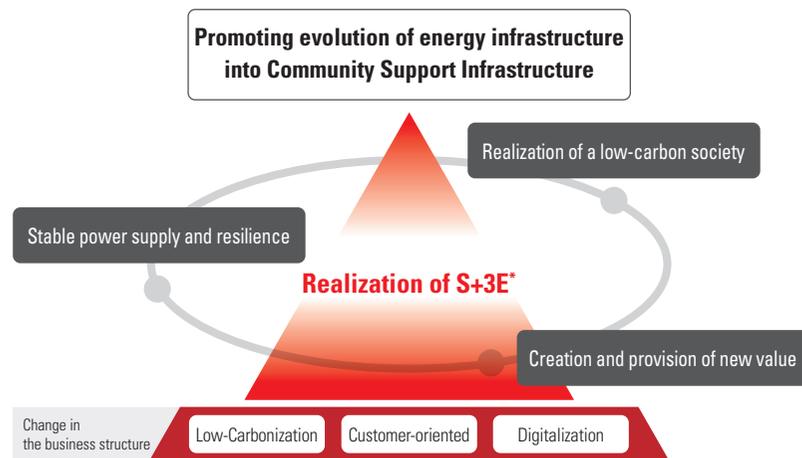
What We Aim to Realize

What the Chubu Electric Power Group aims to realize

Under the new organizational structure, individual group companies will autonomously push forward with their respective efforts toward “securing stable supply and resilience,” “realizing a low-carbon society,” and “creating and providing new value.” In this way, the Chubu Electric Power Group will make every effort to achieve profit targets, promote ESG management, and contribute to SDGs.

Mission to fulfill and creation of new value

Contributing to the sustainable evolution of society



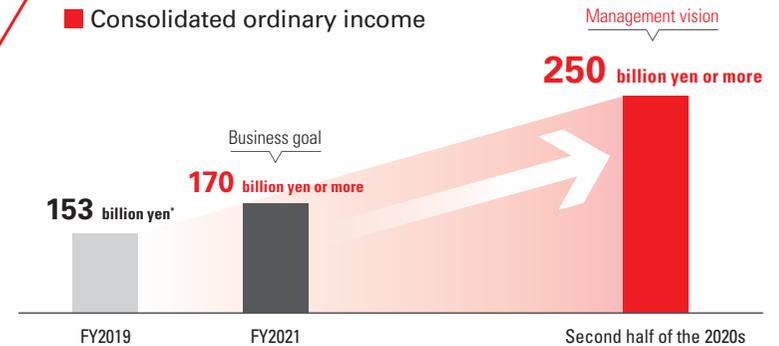
* Pursuit of Energy security, Economy, and Environment based on Safety

Priority Measures (Specific Actions)

- ① Improving safety further at Hamaoka Nuclear Power Station
- ② Stable power supply for a new age
- ③ Strengthening our business base and achieving sustainable growth
- ④ Accelerate commercialization in new growth fields

What we aim to realize

Achievement of profit targets, promotion of ESG management, contribution to the SDGs



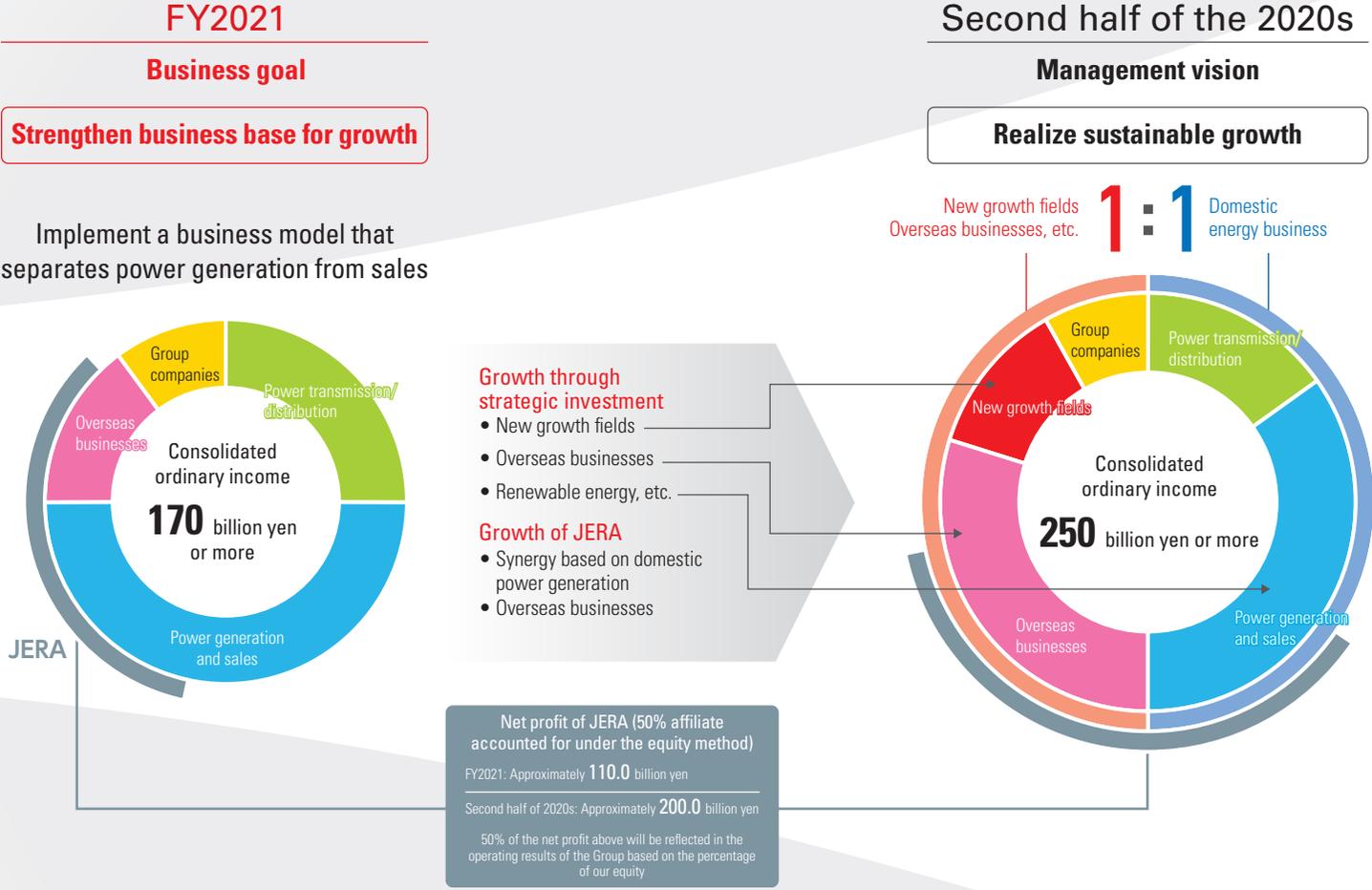
* After excluding the time-lag impact incurred by fuel cost adjustment system



Business goal (consolidated ordinary income)

We have set a business goal (consolidated ordinary income of 170 billion yen or more in FY2021) as a milestone on the way to realization of the quantitative vision we aim to realize that is stated in our management vision (consolidated ordinary income of 250 billion yen or more in the second half of the 2020s).

While the current situation is very challenging for us to achieve strong operating results due to the intensification of sales competition and changes in the market environment, we aim to achieve the business goal and the management vision through the implementation of a business model that separates power generation from sales.

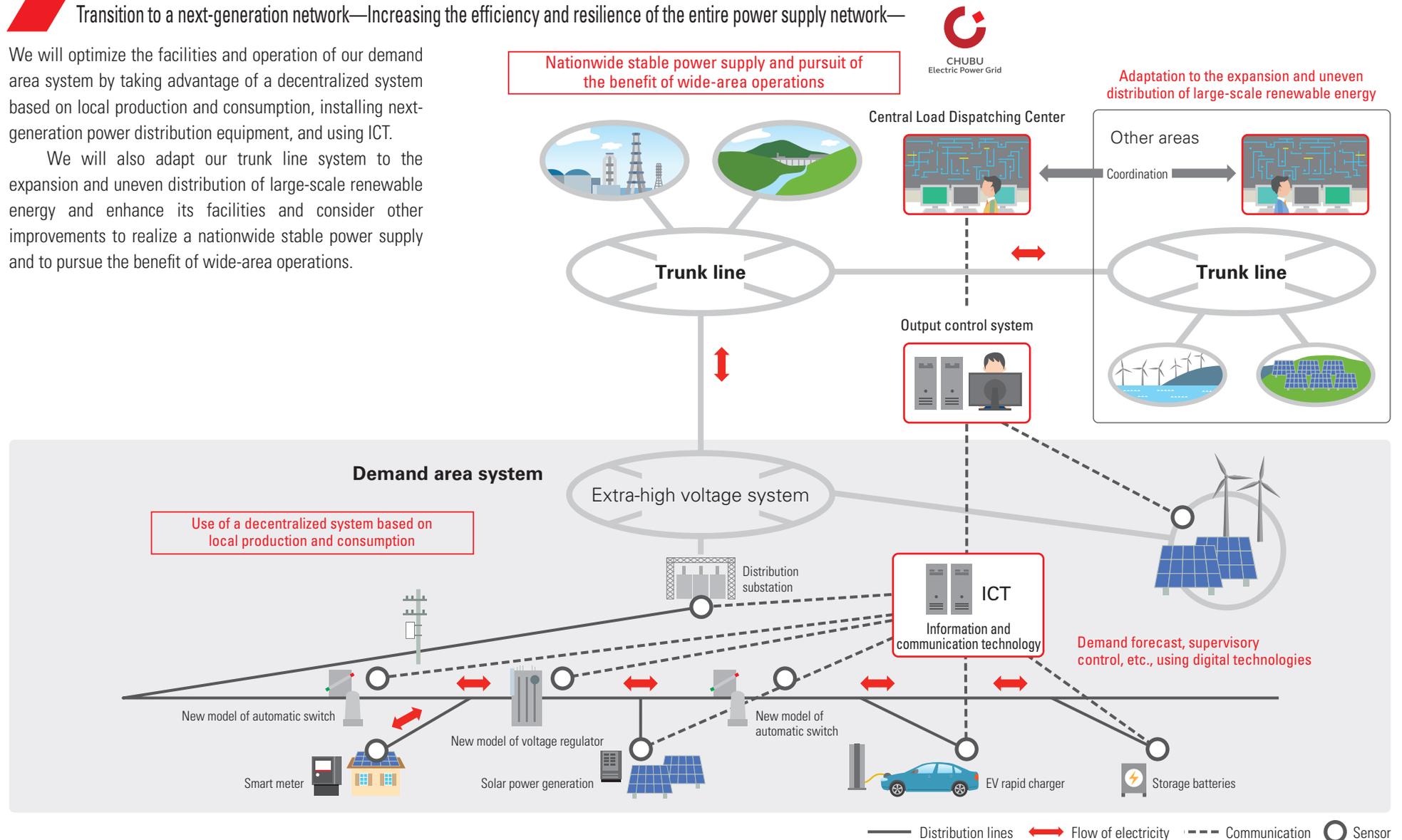


Stable Power Supply and Resilience

Transition to a next-generation network—Increasing the efficiency and resilience of the entire power supply network—

We will optimize the facilities and operation of our demand area system by taking advantage of a decentralized system based on local production and consumption, installing next-generation power distribution equipment, and using ICT.

We will also adapt our trunk line system to the expansion and uneven distribution of large-scale renewable energy and enhance its facilities and consider other improvements to realize a nationwide stable power supply and to pursue the benefit of wide-area operations.



To strengthen resilience—Group-wide concerted disaster responses—

The Chubu Electric Power Group is working to strengthen resilience in terms of facilities and systems. In view of the lessons learned recently from typhoon disasters, we have formulated an action plan to respond to large-scale disasters and are working to strengthen the facility recovery capability, the capability to offer information to customers, and coordination with local governments and other power companies.

When a disaster occurs or is predicted to occur, all our group companies including Chubu Electric Power, Chubu Electric Power Grid, Chubu Electric Power Miraiz, and JERA, will work together to implement disaster responses although they are now separate companies following the split off.

We, as an infrastructure business operator, will maintain high security standards and raise them even higher against cyberattacks, which have become a global threat.

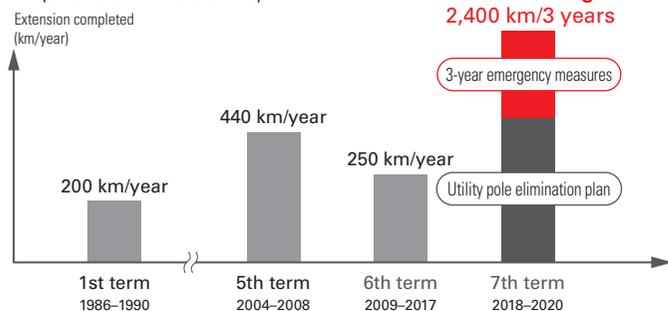
Further acceleration of the elimination of utility poles

- Promote the nationwide elimination of utility poles of approximately 2,400 km, combining approximately 1,400 km under the utility pole elimination plan with approximately 1,000 km under 3-year emergency measures for disaster prevention and mitigation and building national resilience.
- Realize the elimination of utility poles in close cooperation with the national and local governments, local residents, and other managers of electric cables.



- Prevention of urban disasters
- Contribute to local community also from the perspective of urban landscape improvement

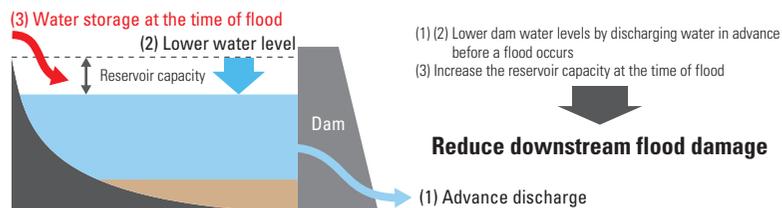
Nationwide extension of utility pole elimination (based on work started)



* Elimination of utility poles completed as of March 31, 2020: 739 km

Application to flood control of dams for hydroelectric power generation

When a flood is predicted to occur, we will consider and implement measures to increase the reservoir capacity at the time of flood by discharging water in advance in close cooperation with the national and local governments and other water users.

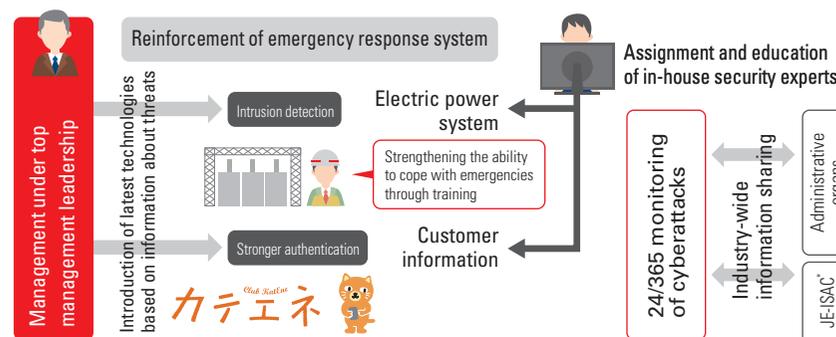


Early recovery at the time of a disaster

See P. 16 Business activities "Chubu Electric Power Grid Co., Inc." Strengthening resilience

Reinforcement of cybersecurity

Strengthen the ability to cope with emergencies through the proactive introduction of latest technologies, 24/365 monitoring of cyberattacks, and training



* Information Sharing and Analysis Center

Realization a Low-Carbon Society

To realize a low-carbon society, the Chubu Electric Power Group will promote low-carbonization to electricity, energy saving, and switching to electricity in all aspects of the energy value chain as well as highly efficient use of energy in the society as a whole.



Nuclear power generation P18

Promoting measures to improve safety at the Hamaoka Nuclear Power Station

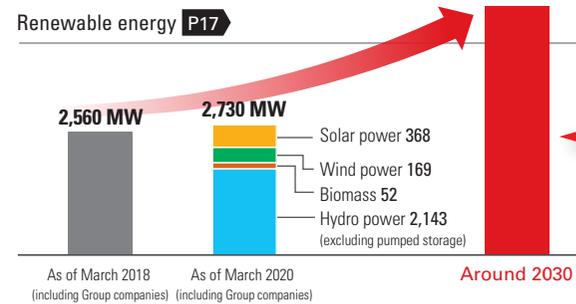
Reference: CO₂ emissions pertaining to electrical energy sold by the Company (FY2018 actual result) 54,070 thousands t-CO₂/year

CO₂ emission reduction effect
If the operation of Units 3, 4, and 5 is resumed

10,000
thousands t-CO₂/year



Renewable energy P17



Capacity of power generation facilities to **approximately double** through the development of **2,000 MW or more**



Power generation



JERA

Gradual retirement of low-efficiency thermal power generation by the introduction of state-of-the-art thermal power generation (highly efficient and low environmental load)

Taketoyo Thermal Power Station Unit 5 (coal thermal, scheduled to start operation in FY2021)

Wood biomass will be mixed during combustion to reduce CO₂ emissions

CO₂ emission reduction effect
(compared with coal-only combustion)

900 thousands t-CO₂/year

Gross thermal efficiency of thermal power facilities of Chubu Electric Power in FY2018 (These facilities were transferred to JERA Co., Inc. in April 2019.)

Overall thermal efficiency
FY2018

50.11%
Top level in Japan

Power Transmission/Distribution



CHUBU
Electric Power Grid

Power Grid

Construction and operation of facilities to support the expansion of renewable energy

Expansion of operation capacity of transmission lines
Use of unused capacity

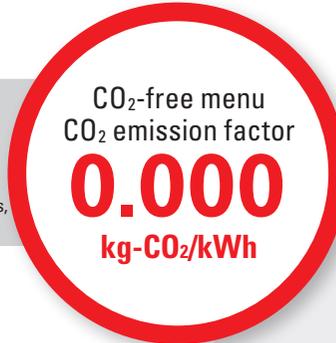
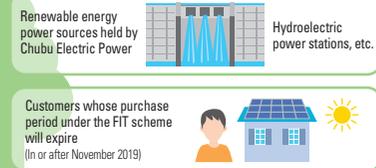
Reduction of transmission/distribution loss
Use of a decentralized system based on local production and consumption



Miraiz

Low carbonization together with our customers

Provision of the CO₂-free menu service



In-house solar power consumption service (for companies)

We rent roofs of stores, factories, and other buildings and provide installation and operation services for solar power facilities at Chubu Electric Power Miraiz's expense.

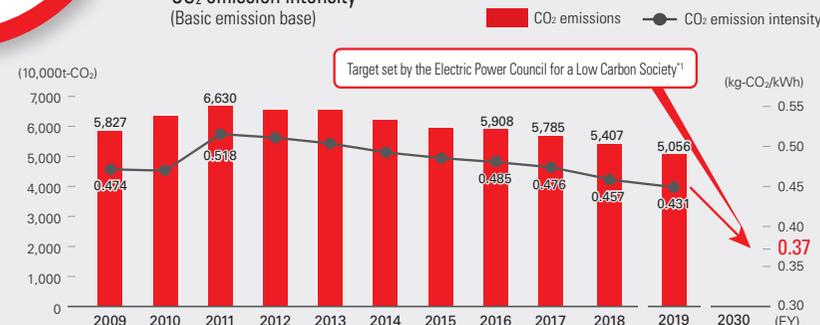


Sales

Following the shut down of the Hamaoka Nuclear Power Station after the Great East Japan Earthquake in 2011, CO₂ emission intensity increased significantly. By developing highly efficient thermal power generation facilities and increasing the introduction of renewable energy, we have achieved a gradual decrease of CO₂ emission intensity every year. In addition to securing low-carbon electricity, we will be promoting measures from both the supply and demand sides of electric power, for example, by helping our customers conserve energy.

CO₂ emissions and emission intensity pertaining to electrical energy sold by the Company

Changes and outlook for Chubu Electric Power CO₂ emissions and CO₂ emission intensity (Basic emission base)



*1 Established in 2016 by the electric power industry for the purpose of promoting and supporting member companies' efforts to ensure the effectiveness of countermeasures for global warming. The industry as a whole aims to achieve an emission factor of around 0.37 kg-CO₂/kWh (usage end) by FY2030.

New business P13



Improvement of EV environment

Fleet EV Initiative (a joint venture with Marubeni Corporation)

Provide one-stop solutions ranging from the provision of large commercial vehicles to improvement and optimal operation of charging infrastructure



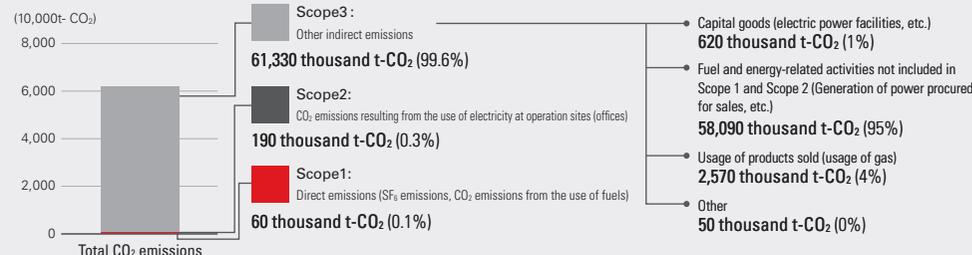
[Proof of concept for new mobility applications]

Proof of concept for EV bus with Iida City and Shinnan Kotsu Corporation and for EV truck with Meitetsu Transportation Co., Ltd. and S-Line Kakamigahara Co., Ltd.

- (1) Introduction and service of EVs
- (2) Energy management using the charging of EVs

Total greenhouse gas emissions* from the entire supply chain (FY2019 actual)

Scope 1, 2 and 3



Scope 3 emission breakdown by category

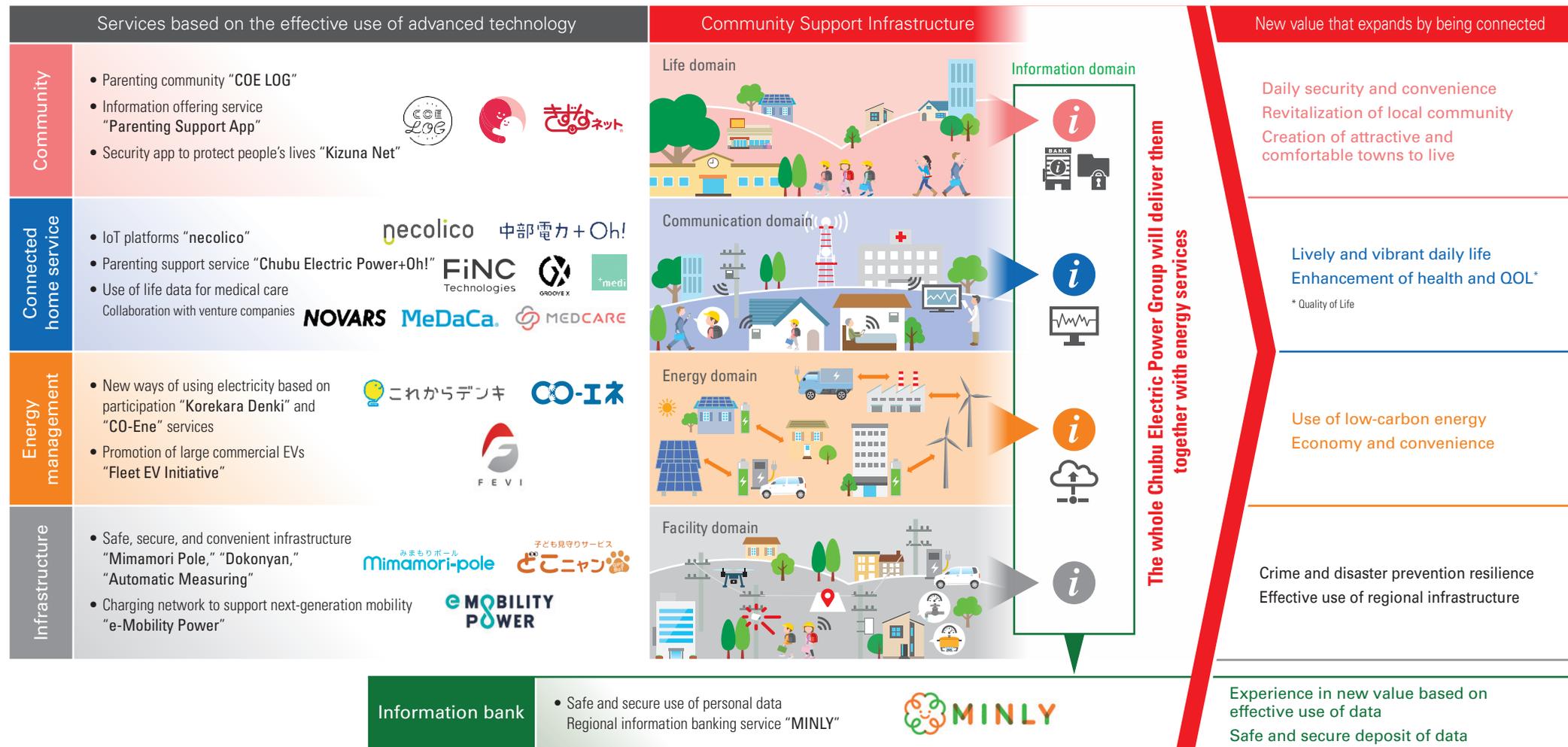
- Capital goods (electric power facilities, etc.) 620 thousand t-CO₂ (1%)
- Fuel and energy-related activities not included in Scope 1 and Scope 2 (Generation of power procured for sales, etc.) 58,090 thousand t-CO₂ (95%)
- Usage of products sold (usage of gas) 2,570 thousand t-CO₂ (4%)
- Other 50 thousand t-CO₂ (0%)

* Greenhouse gas emissions represent CO₂ converted total value of CO₂ and SF₆. These figures include emissions from Chubu Electric Power only and do not include emissions from its consolidated subsidiaries.

Creation of Community Support Infrastructure

The whole Chubu Electric Power Group will deliver "new value that expands by being connected" that corresponds to issues in people's lives, industries, and communities together with energy services by combining on-grid data collected via electricity infrastructure with off-grid data collected via IoT devices, while prioritizing safety and security in the use of data.

See P.20 Business development



In response to the spread of new coronavirus infection, the Chubu Electric Power Group has implemented infection prevention measures by prioritizing the safety and health of its employees and their family members, partners, and customers, and the whole Chubu Group continues to work as one team on its unwavering mission of providing stable supply of energy and maintaining service levels.

We will strive to overcome this difficulty together with our customers and society by providing rate plans and services that are useful to our customers and everyone in society who have always supported the Group.

Moreover, by recognizing major changes in social structure and lifestyle that the new coronavirus brings, we will further accelerate the development and provision of new services and workstyle reform for employees with a speed that would make us feel as if changes that should occur 10 years from now could occur tomorrow.

1 Fulfill our unwavering mission while prioritizing safety and health

Infection prevention and securing necessary manpower for electric power supply

- Prioritizing people's lives and promoting working from home of employees who are at risk for severe illness from new coronavirus
- Maximum use of working from home, flextime, and online conference at all workplaces
- Deployment of personal protective equipment, such as masks
- Thorough practice of hand hygiene and coughing manners
- Reinforcement of risk management system to prepare for the occurrence of infection cases
- Working as a team and substitute staff standing by at home
- Use of satellite offices

2 Close to and together with customers

- Introduction of discount electricity rate plans for summer
- Stay home support campaign
- Services to support the resolution of business issues
- Extension of payment due date



3 Acceleration of the development and provision of new services and workstyle reform

Deliver services to contribute to social goals together with energy

Further accelerate the development of services that will contribute to the resolution of new social issues across the areas of people's lives, industries, and community by making the most of digital technologies

- Watching over, disaster prevention, and crime prevention to support safety and security
- Creation of comfortable towns to live in
- Nursing care, healthcare, etc.



TOPICS

Jointly with Keio University Hospital and Medical Data Card, Inc., Chubu Electric Power has started the operation of remote health checkups and a health checkup support system for obstetricians. By using our data platform, users can safely receive careful examination similar to face-to-face examination while staying at home.



Workstyle reform

- Further improvement of productivity and life-work balance through a more effective use of teleworking and flexible working hours

Chubu Electric Power Miraiz Co., Inc.

Provide various services along with energy

We aim to go beyond conventional energy sales and grow into “a comprehensive service company’ that delivers ‘new value’ in daily life and business.”



Chubu Electric Power Miraiz Co., Inc.

Provide new services through business model transformation

In order to be chosen by customers, we deliver services that support the “daily lives and businesses” of our customers, in addition to stable energy at an affordable price, such as electricity and gas.

Going forward, we will utilize IT and digital technology, accurately address customer needs, and deliver the most suitable services for each customer.



From selling electricity and gas by measure to providing services that exceed customer expectations

Products/services (including energy)

Sell bundled services that address customer needs

Households Sales through One-to-One marketing using digital technology

Businesses Customer-focused sales using IT

Aim for a new form of service charge system, including a flat-rate system that encompasses services

In the Chubu area, we aim to acquire

100,000 accounts

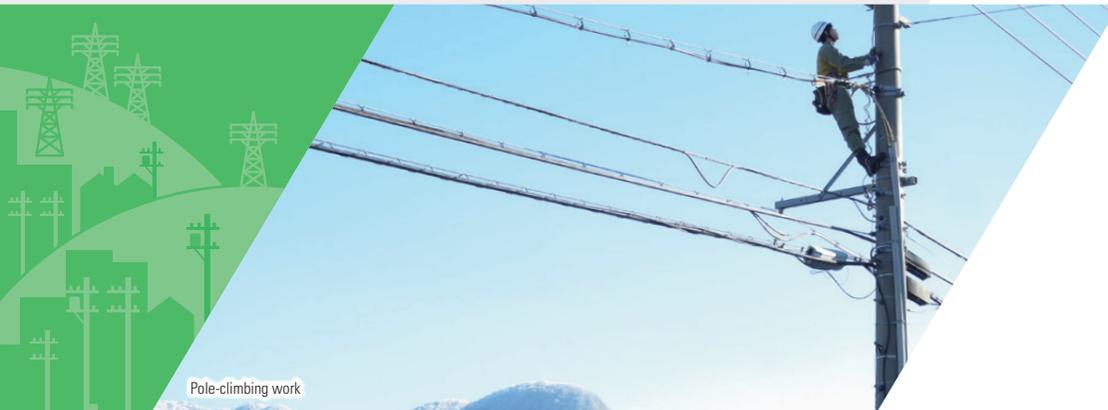
by the end of FY2020 through the sales of services in a set with electricity or gas.

Corporate Profile (As of April 1, 2020)



Corporate name: Chubu Electric Power Miraiz Co., Inc.
Headquarters: 1 Higashi-shincho, Higashi-ku, Nagoya, Aichi
461-8680, Japan Tel: +81-52-951-8211 (Main)
Representative: Ootani Shinya, President & Director
Capital: ¥4,000 million
Shareholders: Chubu Electric Power Company, Incorporated 100%
Number of employees: 1,243

By responding to various changes in the environment, we aim to become an “entity that supports the Chubu area community.”



Pole-climbing work

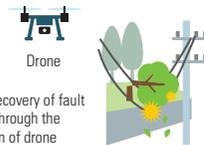
Strengthening resilience

In light of recent natural disasters, we established an action plan to improve our responses to major disasters through the principal issues of “systems for recovery of facilities,” “disseminating information to customers,” and “collaborating with local government bodies, etc.” By steadily implementing these measures, we strengthen our resilience.

- Systems for recovery of facilities** = Aim for early recovery by promptly understanding the full extent of the damages and building a recovery system
- Disseminating information to customers** = Promptly disseminate information including power outage status and recovery estimates in an easy-to-understand manner
- Collaboration with local government bodies, etc.** = Strengthen mutual collaboration with local government bodies and external agencies in preparation for emergencies

Systems for recovery of facilities

Expanded use of digital technology



Drone
Rapid recovery of fault points through the adoption of drone inspection in areas that are difficult to access

Disseminating information to customers

Power outage notification using LINE



Notification of the time of power outage and outage location

Tap to access power outage information on the Company's website!

Collaboration with local government bodies, etc.

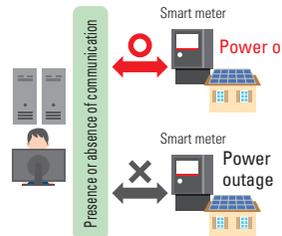
Strengthening community and social resilience



Using smart meters to grasp the status of power outages

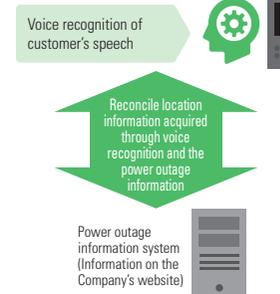
Check the possibility of a low-voltage power outage by smart meter communication status

Smart meter control management system



Automated voice response service for power outage information

Automated voice response system



Prior to culling
After culling
Collaborated to trim and cull trees in advance which may cause damage by falling

Corporate Profile (As of April 1, 2020)



Corporate name: Chubu Electric Power Grid Co., Inc.
 Headquarters: 1 Higashi-shincho, Higashi-ku, Nagoya, Aichi 461-8680, Japan
 Tel: +81-52-951-8211 (Main)
 Representative: Ichikawa Yaoji, President & Director
 Capital: ¥40,000 million
 Shareholders: Chubu Electric Power Company, Incorporated 100%
 Number of employees: 10,333

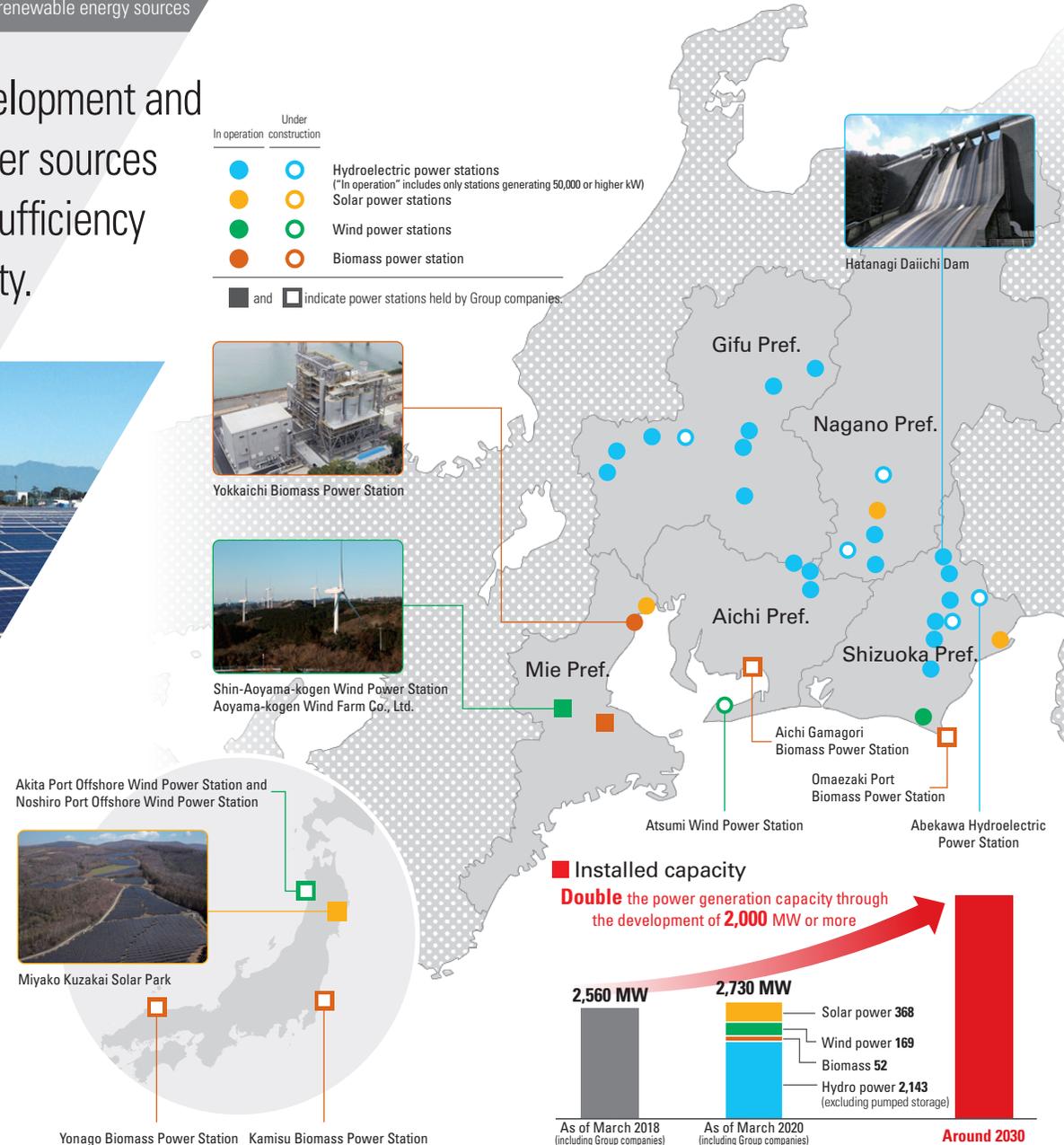
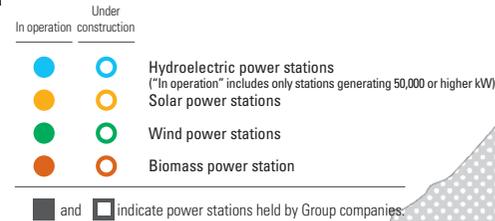
Renewable Energy Company

Development and popularization of renewable energy and power generation business based on renewable energy sources

We will go forward with the accelerated development and effective utilization of renewable energy power sources and contribute to increasing the energy self-sufficiency rate and the realization of a low-carbon society.



Chubu Electric Power Co., Inc. Renewable Energy Company



Corporate assets As of March 31, 2020

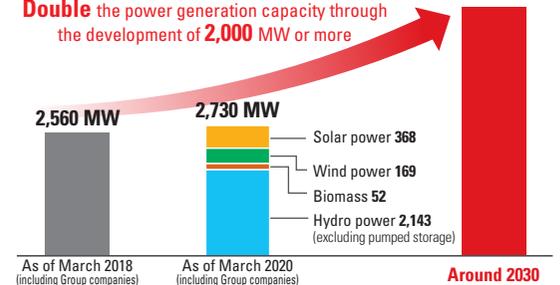
Power generation facilities (entire Group)

	Conventional hydroelectric power	Approx. 2.14 GW
	Pumped storage	Approx. 3.32 GW
	Wind power	Approx. 0.17 GW
	Solar power	Approx. 0.37 GW
	Biomass	Approx. 0.05 GW

* The equity ownership is stated for joint developments (output derived by multiplying power output by the equity ratio)

Installed capacity

Double the power generation capacity through the development of **2,000 MW or more**



Nuclear Power Division

Safety first utilization of nuclear power generation

The Hamaoka Nuclear Power Station has always worked to improve the safety level of its operation by applying the latest knowledge. Since the accident at the Fukushima Daiichi Nuclear Power Station of Tokyo Electric Power Company Holdings, we will not only ensure compliance with the new regulatory standards but also address risks and make efforts to minimize them, and promote voluntary and ongoing initiatives to improve safety.

Further Pursuit of Safety

Responses inside the power station (on-site measures)

Strengthening facility-related measures and on-site staff capability

We are strengthening diverse and overlapping measures for facilities in order to prevent accidents from occurring as well as being prepared when accidents occur and taking measures to strengthen our on-site response capabilities so that the facilities function effectively.

1 Preventing the flooding of the premises
Installing tsunami protection wall



2 Preventing the flooding of the building
Installing reinforced doors and watertight doors



3 Securing alternative means of supplying power sources
Installing gas turbine generators for emergencies



4 Securing alternative means of water injection
Installing emergency fresh water storage tanks



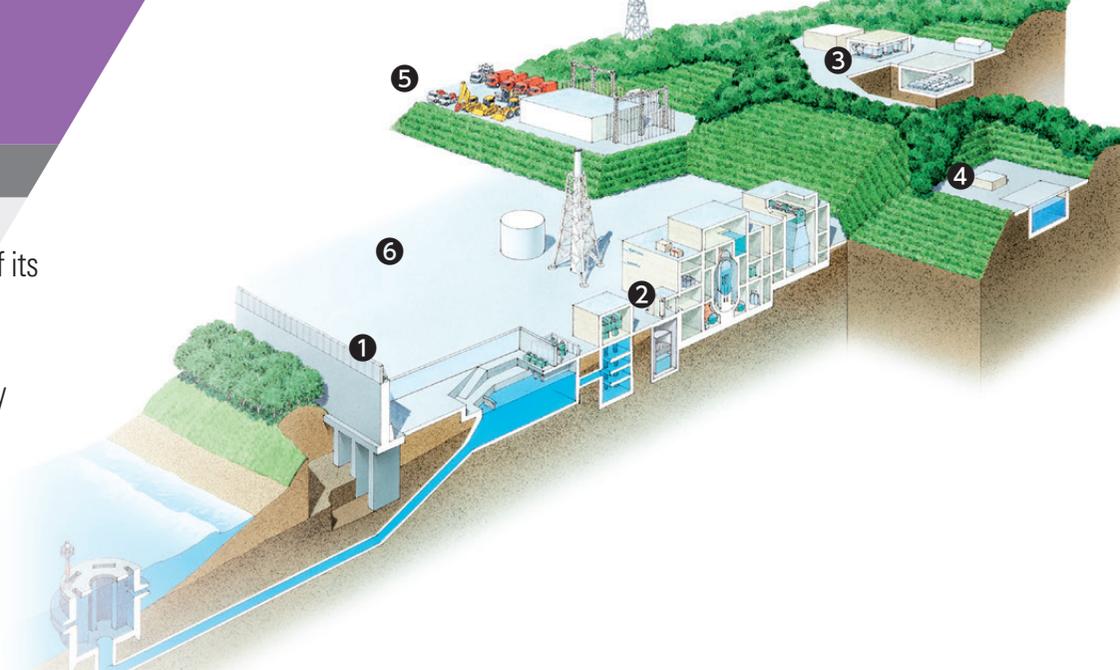
5 Training
Training in operations involving portable equipment and heavy equipment



6 Training
Training with simulator



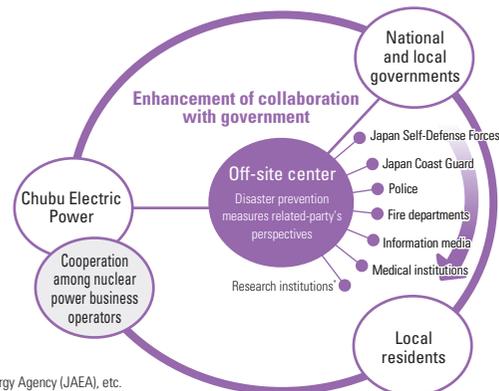
1 to 6 are examples of our activities.



Responses outside the power station (off-site measures)

While we promote initiatives to reduce risks by strengthening governance, risk management, and facility countermeasures/on-site response capabilities, we still assume that risks will not disappear completely. Hence, we have been strengthening cooperation with national and local governments, relevant agencies, and nuclear power business operators to prepare for any nuclear disaster including the release of radioactive materials.

Efforts around power plants (off-site)



* Japan Atomic Energy Agency (JAEA), etc.



Disaster drills at an off-site center with the national and local government, and related agencies (January 2020)



Disaster drills in cooperation with Omaezaki Marine Safety Station, Omaezaki City, and Omaezaki City Fire Department (October 2019)

Present status of reactors at the Hamaoka Nuclear Power Station

As of July 1, 2020

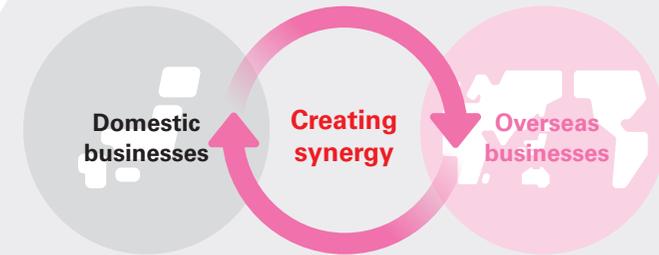
Unit (Commenced operations)	Output (MW)	Present status
Unit 1 (March 1976)	(540 MW)	Decommissioning process underway Dismantling of surrounding equipment and the decontamination of the reactor are underway one after another.
Unit 2 (November 1978)	(840 MW)	(Operation discontinued on January 30, 2009)
Unit 3 (August 1987)	1,100 mW	The Nuclear Regulation Authority is currently investigating and confirming compliance with new regulatory standards
Unit 4 (September 1993)	1,137 mW	Safety improvement measures are currently being implemented.
Unit 5 (January 2005)	1,380 mW	Investigating specific recovery methods for seawater infiltration events Preparing applications for investigation and confirmation of compliance with new regulatory standards

Overseas Businesses

We will utilize the resources held by the Chubu Electric Power Group (power networks, sales/solutions, and renewable energy power generation) and actively develop businesses supporting local communities through infrastructure services and businesses contributing to the realization of a low-carbon society mainly in Europe, North America, and Southeast Asia.

Additionally, we will actively engage in overseas consulting business from the standpoint of contributing to emerging countries and creating future business opportunities.

Through such efforts to actively develop our overseas business, we will increase income as well as contribute to the achievement of the SDGs.



Combining and evolving business models and technology from different countries

Overseas businesses

- Businesses supporting local communities
- Businesses contributing to the realization of a low-carbon society

Increase income



Major overseas projects

Netherlands

Renewable Energy, Electricity Retail and New Services Business

In March 2020, we acquired Eneco, an integrated energy company in the Netherlands. We will position Eneco as a platform in the European electric power business to expand growth areas such as renewable energy, retail, and new services.

UK

Submarine Power Transmission Business

Submarine power transmission business for offshore wind power plants

Germany

Submarine Power Transmission Business

Submarine power transmission business for offshore wind power plants

Myanmar

Power Distribution Improvement Project

in Yangon and the regional cities (Consulting)

Philippines

Power Distribution and Electricity Retail Businesses

Power distribution and retail business in the development of New Clark City

Singapore

Project Investments, Incubation, and Human Resource Development

Establishment of Greenway Grid Global Pte. Ltd. (GGG)

Mozambique

Project for Improvement of Energy Loss Reduction on Distribution Network

(Consulting)

Contributing to the achievement of the SDGs through the consulting business

We will contribute to the stable supply of electrical power in the emerging countries and the realization of a low-carbon society through consulting in Asia and Africa.
Consulting to improve power distribution losses in Mozambique

Sri Lanka

Project for Capacity Development on the Power Sector Master Plan Implementation Program

(Consulting)

In order to realize Community Support Infrastructure, we have been working to create and provide new services utilizing our electric power and information and communication networks.

Taking the information banking certification in February 2020 as an opportunity, we will give concrete form to customer-oriented services that “connect people to people and people to society and that explore the human potential and the future,” with our first priority being the safe and secure utilization of data. We will provide these services together with our energy services.

Connected home, healthcare: Medical use of day-to-day living data

We are going forward with joint research with Keio University Hospital on the monitoring of at-home patients, support for remote health checkups, and community healthcare support.*

The study will focus on the type and granularity of data necessary for providing guidance on appropriate environments and lifestyles as well as early detection of illness. With the consent of the patients, data will be collected on electricity usage, room temperature and humidity, heart rate and other parameters from environmental sensors, vital-sign sensors and electric smart meters installed at the residences of patients suffering from heart disease or other lifestyle-related illnesses, and this data will be fed back to physicians.

We will study ways in which a range of data available through the provision of monitoring, healthcare, and other services may be used in the medical field as we strive to construct a platform that supports people’s healthy lifestyles and actions as well as the development of new services.

* We will participate in the research and development project “Cross-Ministerial Strategic Innovation Promotion Program: Advanced Diagnosis and Treatment System by AI (Artificial Intelligence) Hospital” that the Cabinet Office commissioned to Keio University Hospital.

We will also establish a joint research program with Fujita Health University to study, among others, verifying the coordination between Chubu Electric Power Group’s community development and healthcare-related services.

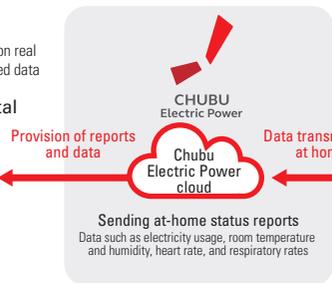
Overview of the joint research with Keio University Hospital

By connecting the data of at-home patients with the hospital, we will provide doctors with support for more accurate diagnoses as well as doctor-patient communication.

Benefits for the hospital

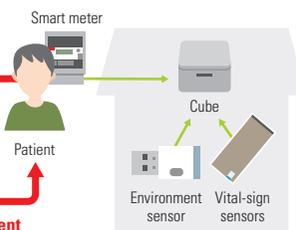
Accurate diagnosis and guidance based on real data rather than the patient’s self-reported data

Keio University Hospital



Benefits for the individual

Greater comfort of the at-home environment and improvement of the living environment according to the individual’s illness



Doctor ⇒ Patient: Checking on the at-home environment and daily guidance

Information bank: Boosting consumer convenience and achieving community revitalization

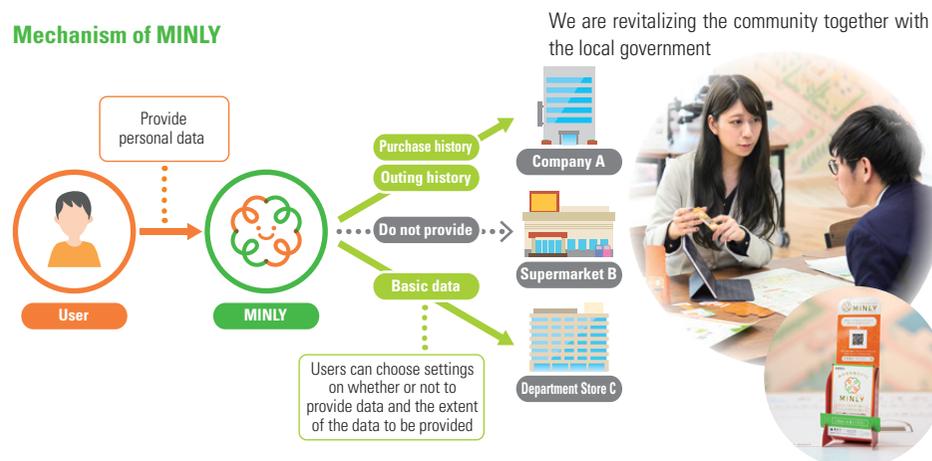
We have commenced pilot testing of our community-oriented information banking service “MINLY,” which uses the mechanism of an information bank* in Toyota City, Aichi Prefecture from March 2020. MINLY is Japan’s first information banking service to operate with the “Information Bank” certification and distributes personal data safely and securely to establishments in the local community in order to boost consumer convenience while achieving community revitalization

Customers provide, with their consent, personal data such as age, gender, areas of interest, action history, and schedule to MINLY, and receive, in return, suitable shopping information, discount vouchers and event information from some 50 participating businesses in Toyota City (e.g., local retailers) and some 25 facilities associated with Toyota City (e.g., community centers).

The pilot testing is carried out with support from the Toyota City Connected Society Verification Promotion Council of Toyota City, Aichi Prefecture.

* A mechanism that collects and manages personal data and day-to-day living data with consent from individuals, and distributes the data safely and securely to establish efficient and advanced services and pass benefits back to consumers

Mechanism of MINLY



We are revitalizing the community together with the local government

The biggest underlying factor that determines the survival and development of a company is the trust it garners from its customers, hosting communities, shareholders, and society at large.

Based on the Chubu Electric Power Group CSR Declaration, the Chubu Electric Power Group established the Chubu Electric Power Group Basic Compliance Policy on the belief that “without compliance, there is no trust, and without trust, there is no growth.” As we are strongly conscious of the fact that being totally compliant is the foundation of management, we foster a corporate culture of action in accordance with compliance requirements and aim to be a “good corporate citizen” that is highly trusted and supported.

[Chubu Electric Power Group Basic Compliance Policy](#) 

Compliance promotion system

Chubu Electric Power, Chubu Electric Power Grid, and Chubu Electric Power Miraiz each established the Compliance Committee with the president of each company acting as the committee chairman. Under the leadership of the committee, the company constructed its compliance promotion system based on the principle of autonomy and coordination and is conducting various enlightenment activities.

Under the oversight of the Chubu Electric Power Group Compliance Council, made up of top management of the Group companies, the Chubu Electric Power Group is promoting compliance within the entire Group by having each Group company introduce their own compliance promotion systems to conduct enlightenment activities.

[Chubu Electric Power Group Compliance Promotion System](#) 

Initiatives to raise compliance consciousness

The Chubu Electric Power Group is working to raise the levels of compliance consciousness and knowledge of employees at all levels by providing them with seminars and training on compliance with laws and regulations, internal rules, and corporate ethics. Individual employees are also asked to self-examine their behavior based on the four questions to ensure compliant behavior.

Behavior check points: Four questions

- Are you acting in accordance with your conscience?
- Is your behavior consistent with public decency?
- Are you turning a blind eye to compliance violations around you?
- Can you speak about your behavior openly to anybody around you?

Helplines—Points of contact for compliance queries

We operate helplines to prevent illegal, unfair, and unethical acts including corruption such as excessive entertainment, gift giving, etc., and ensure compliance. Chubu Electric Power Co., Inc., Chubu Electric Power Grid Co., Inc., and Chubu Electric Power Miraiz Co., Inc., have established their respective helplines as points of contact for employees, temporary workers, and business partners with concerns about compliance issues. The Chubu Electric Power Group Joint Helpline has also been established at Chubu Electric Power Co., Inc., for the employees of the Group companies.

Anti-bribery and anti-corruption initiatives

In view of the gift scandal involving Kansai Electric Power and for other considerations, the Group established the Chubu Electric Power Group Anti-Bribery and Anti-Corruption Policy in November 2019 based on the Chubu Electric Power Group Basic Compliance Policy. This policy declares that: The Chubu Electric Power Group maintains fair and transparent relationships with all stakeholders (customers, business partners, community residents, etc.) and does not engage in bribery, misappropriation, malfeasance, the provision or receipt of hospitality, gifts or entertainment that is improper or exceeds the bounds of common sense, collusion with specific individuals, inappropriate favoring of specific individuals, or any other sort of corruption in any form. In addition, we do not engage in acts that may be misconstrued as corruption from inside or outside the company. Based on this policy, each Compliance Committee regularly confirms that there has been no inappropriate giving or receiving of money or other items of value. The Chubu Electric Power Group Compliance Council also confirms that appropriate measures are taken at each company based on status reports submitted by each company.

Concerning the prevention of bribes to foreign public officials, the Committee for the Prevention of Bribes to Foreign Public Officials, established in April 2013, is playing a central role in constructing and operating the structure to prevent any such bribery within Chubu Electric Power and Group companies.

The Chubu Electric Power Group will continue to make incessant efforts to ensure full compliance by evaluating the situation on an ongoing basis and fulfilling its accountability based on the results of such evaluation.

We will continue to make efforts to create a better environment so that employees can devote themselves to their work in a safe and healthy way and achieve self-fulfillment through their work.



Building a structure to encourage “the fostering of a culture of safety” and “the promotion of health management”

Establishment of the Safety & Health Promotion Committee

The Safety & Health Promotion Committee, comprising management including the Presidents of Chubu Electric Power, Chubu Electric Power Grid, and Chubu Electric Power Miraiz, the labor unions, outside experts, and other members, is held periodically to promote initiatives on safety and health.

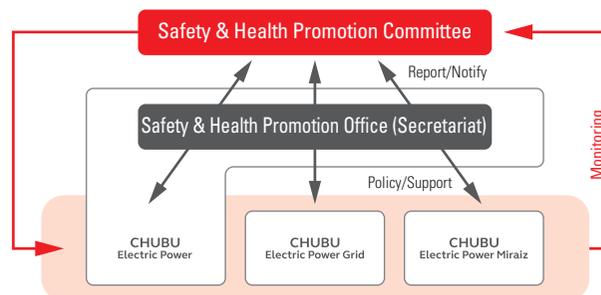
Formulation of the Basic Safety and Health Policy and the Safety and Health Principles of Action

The Basic Policy articulates Chubu Electric Power’s policy to create a better environment so that employees can devote themselves to their work in a safe and healthy way and they can work actively and the Principles of Action represent a specific code of conduct for executives and employees to foster a corporate culture and workplace atmosphere that values people in order to materialize the Basic Policy.

Chubu Electric Power Group Basic Safety and Health Policy

Our basic safety and health policy, which is based on the Chubu Electric Power Group CSR Declaration, is stated below.

We will continue to endeavor to create a better environment so that employees can devote themselves to their work in a safe and healthy way and achieve self-fulfillment through their work.



Safety and Health Principles of Action

All executives and employees with the unwavering conviction, “all injuries can be prevented” and “we will remain healthy throughout our lives,” will act in the following manner at all times:

- (1) Praise actions for safety and health and hold dialogues.
- (2) Utilize the lessons learned from the successes and failures of our colleagues in our own actions.
- (3) Identify, promptly mitigate, and manage all possible risks.
- (4) Improve measures both for people (awareness, education and training, and rules) and for objects (facilities and equipment).
- (5) Collaborate with business partners for safety and health.
- (6) Act safely even after working hours and strive to maintain and enhance health

Chubu Electric Power will continue to implement measures and make investments for safety and health.

Improving life-work balance

Based on the understanding that life (bodily and mental health, rewarding life) is the prerequisite for employees to work actively, we are working to realize life-work balance. To realize this, we aim to introduce a variety of methods to enhance diverse work styles so that our employees can achieve a rewarding life, while also fully demonstrating their abilities through their work.

Promoting flexible workstyles

Utilization of teleworking

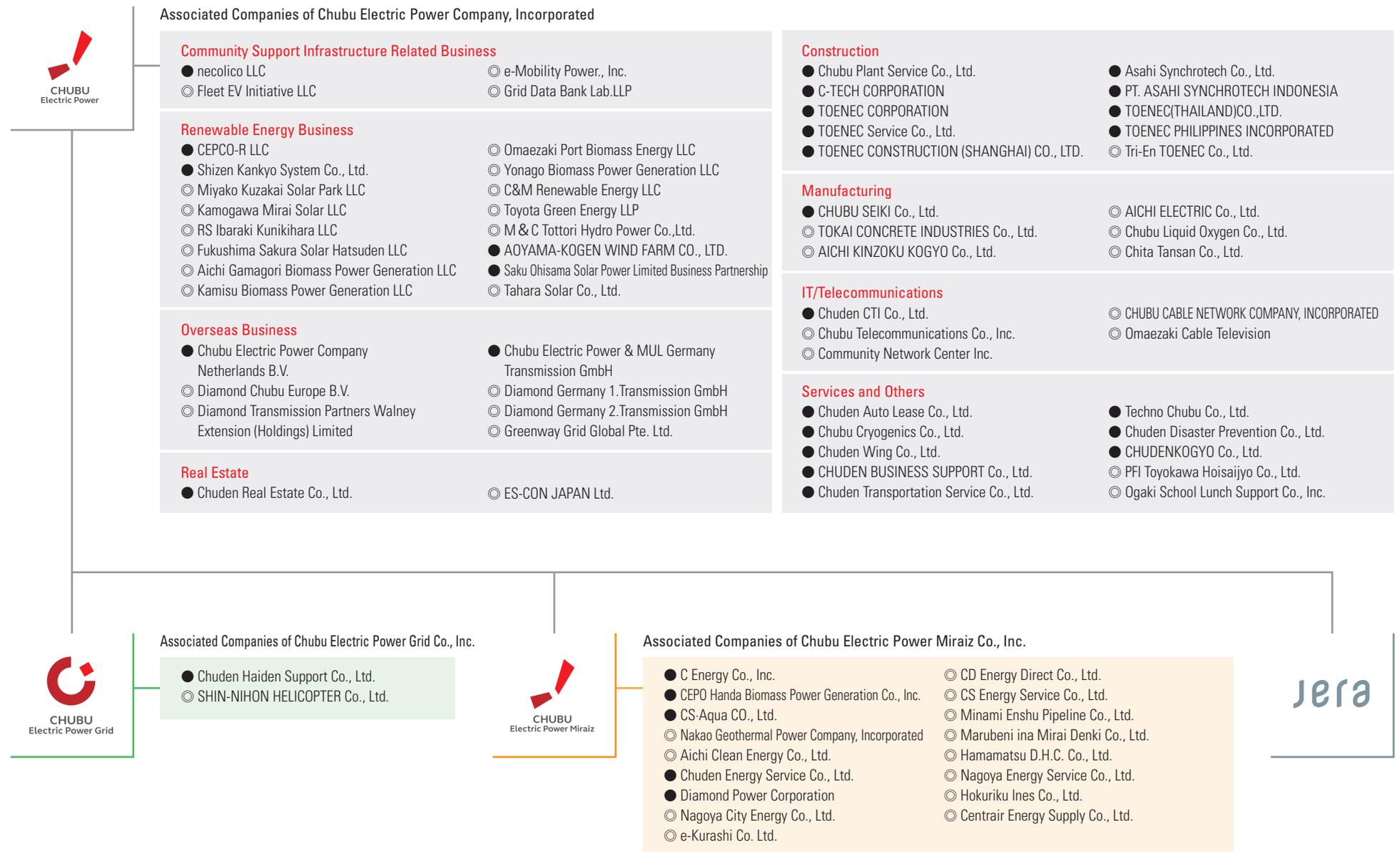
In October 2018, we introduced mobile work for the effective utilization of waiting time and transfer time during a business trip and working from home to reduce the commuting burden.

Even under the new coronavirus pandemic, we proactively carried out remote work by providing IT tools.

Going forward we will deliberate and practice post-coronavirus “new workstyles”

Support for balancing work with child-raising and nursing elderly relatives

We have established leave systems for those engaged in child-raising and nursing care, as well as “Life-support leaves” that can be used when children become ill or injured, for participation in school events, personal development training, etc.



Financial and Non-Financial Highlights

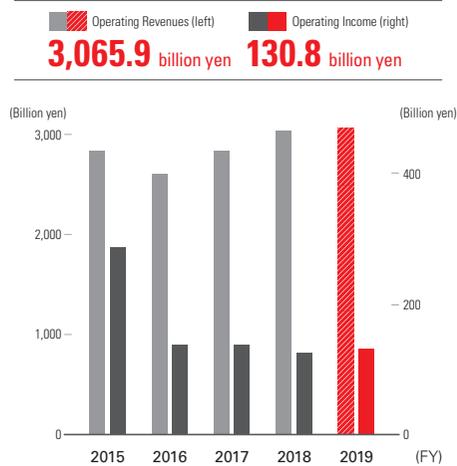
FY2019 Financial Status

Regarding the status of income and expenditures for FY2019, operating revenues amounted to 3,065.9 billion yen, an increase of 30.8 billion yen compared to the previous fiscal year. Ordinary income came to 191.8 billion yen, a year-on-year increase of 78.8 billion yen. Ordinary income after excluding the time-lag impact incurred by the fuel cost adjustment system amounted approximately to 153.0 billion yen.

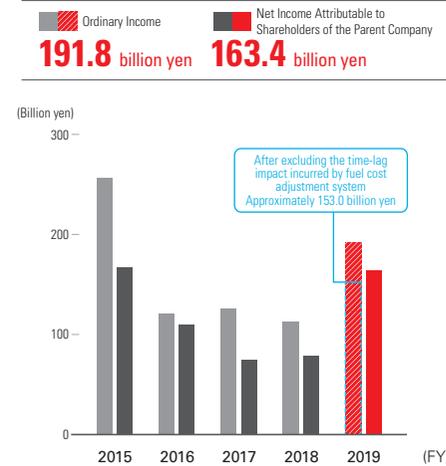
As for the year-end dividend for FY2019, based on the shareholder return policy of pursuing continued stable dividends while considering profit growth, we have decided to pay 25 yen per share, the same amount as the interim dividend.

Financial (Consolidated)

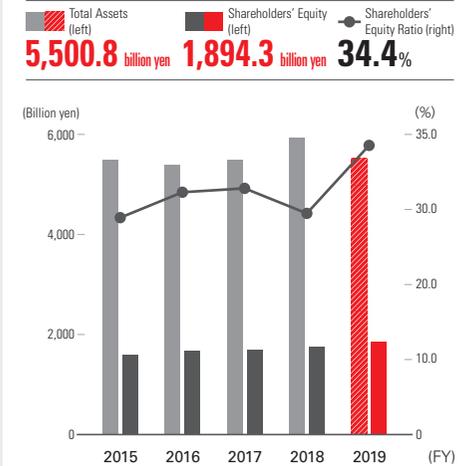
Operating Revenues/Operating Income



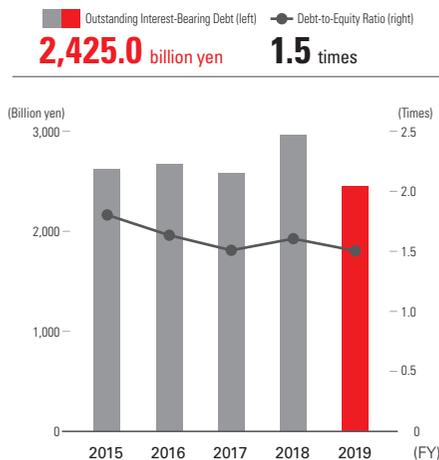
Ordinary Income/Net Income Attributable to Shareholders of the Parent Company



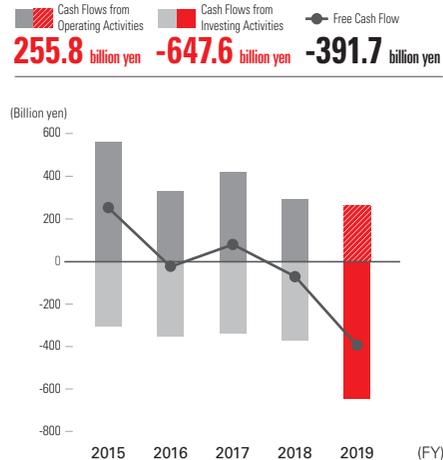
Total Assets/Shareholders' Equity/Shareholders' Equity Ratio



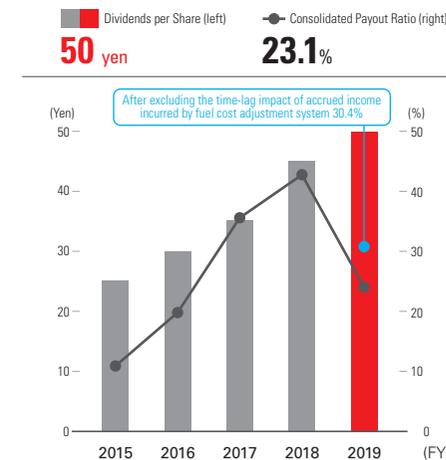
Outstanding Interest-Bearing Debt/Debt-to-Equity Ratio



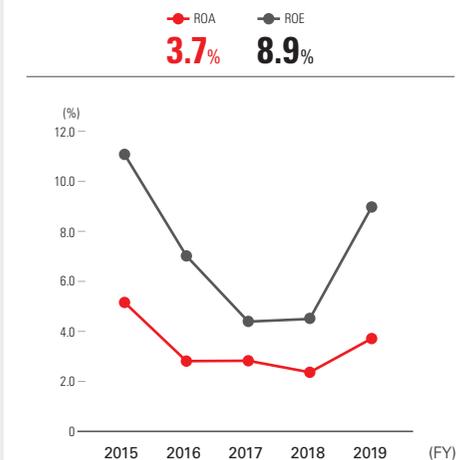
Cash Flows from Operating Activities/Cash Flows from Investing Activities/Free Cash Flow



Dividends per Share/Consolidated Payout Ratio

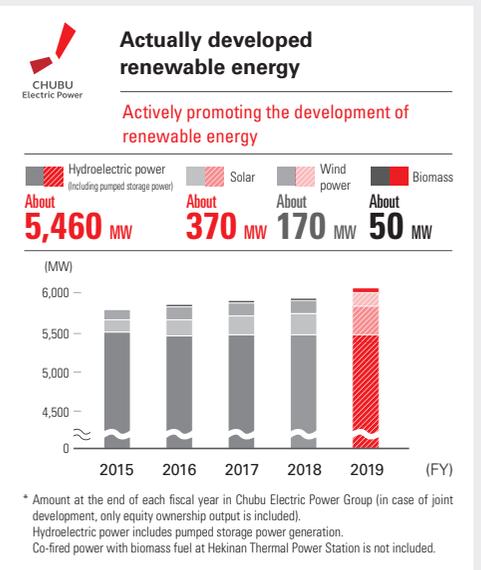
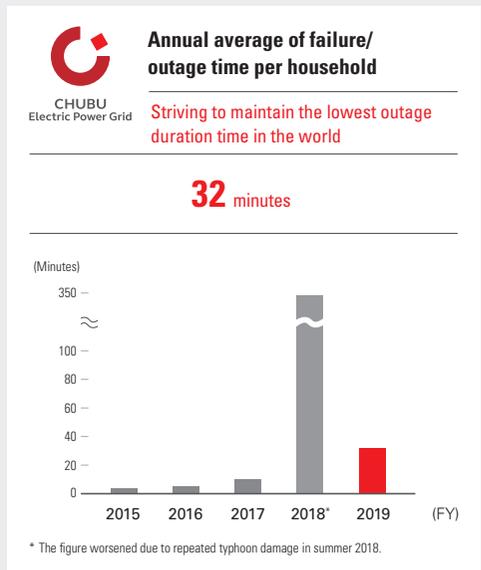
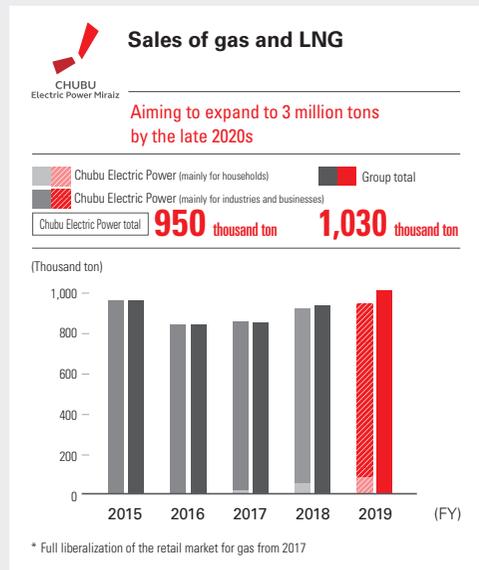
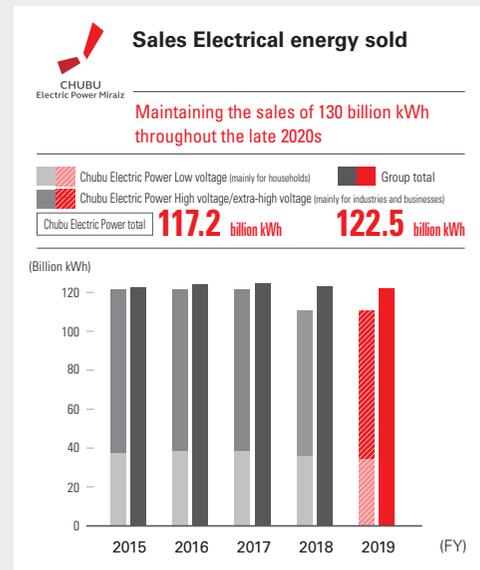


Return on Assets (ROA)/Return on Equity (ROE)

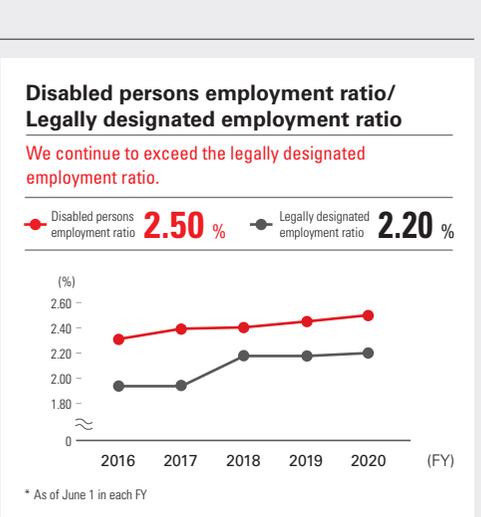
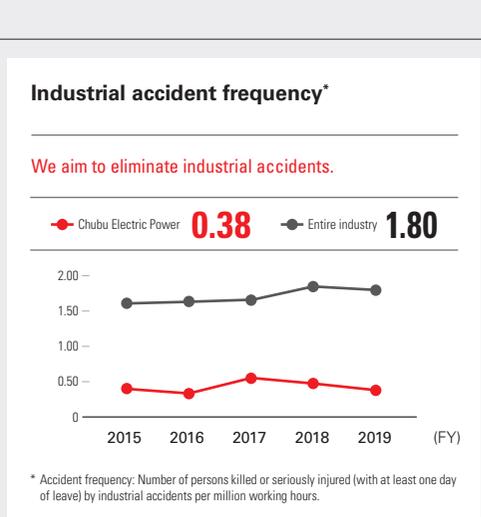
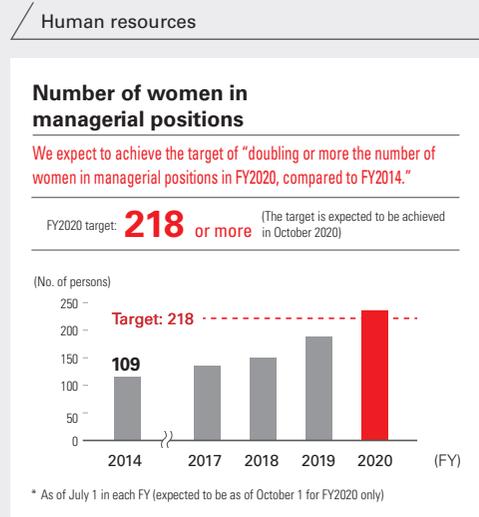
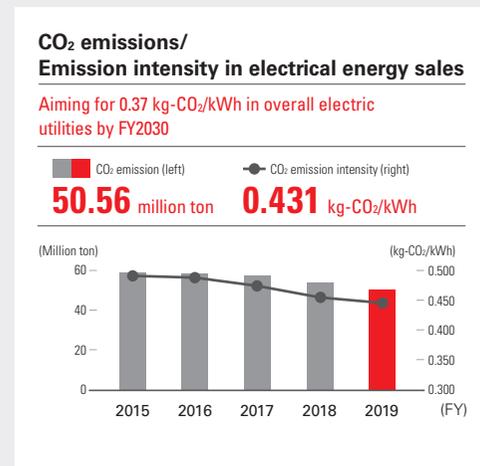


Non-financial

Business activities



Environmental



Corporate slogan

むすぶ。ひらく。

(Musubu. Hiraku. in Japanese)

Our corporate slogan embodies our desire to continue to support communities by connecting (むすぶ, Musubu) people to people and people to society, with which we desire to explore (ひらく, Hiraku) the human potential and the future.

Chubu Electric Power Co., Inc.

1, Higashi-shincho, Higashi-ku, Nagoya 461-8680, Japan
Phone: +81-52-951-8211 (Main)
www.chuden.co.jp/english/

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