# **Value Co-Creation Process**

# **Changes in the External Environment**

# **Diversification of** stakeholders and needs

- Social implementation of GX, which is expected to drive the Japanese economy
- Increasing diversification of customer needs, including in pricing, power sources, and household GX
- Diversifying demands from capital markets

# A business environment characterized by ongoing uncertainty

- Acceleration of GX/DX and decarbonization efforts
- Increased long-term electricity demand
- Industrial transformation driven by GX/DX

## Co-creation with stakeholders P16

Customers Shareholders/ Investors

Contributing to material issues such as decarbonization and the circular economy through svnerav

**Expanding strategic** 

investments while

optimizing our business

portfolio through asset

replacement, focusing on

selection and concentration,

to increase profit

contributions

Local community

> Global environment.

> > Business partners

Employees

Consolidated ordinary income: ¥200 billion or higher

Vision Deal

Contributing to the

sustainable development of

local communities and society

by delivering diverse value to

customers and society

through the growth and

success of each individual

■ ROIC: 3.2% or higher

Economic Value

- Consolidated ordinary income: ¥250 billion or higher
- Realizing a well-balanced profit portfolio through our domestic energy business and new growth areas

# **Our Unique Strengths**

# Agility in response enabled by the separation of power generation and retail

- Each group company responding swiftly to their respective market environments
- Advanced risk management in sales and procurement tailored to market fluctuations
- Early entry into new domains, including resource recycling businesses

Solution capabilities developed over many years through efforts in decarbonization and energy management

- Electrification initiatives integrated into customer production processes
- Asset-backed trading via JERA and sophisticated power procurement and hedging strategies

# DX ▶P72

Kaizen ▶P73

Sales

# Sources of Our Strength ▶P12

- A flexible and open corporate culture and organizational strength
- Extensive knowledge and experience in decarbonized power sources and emerging business areas
- A solid customer base and strong credibility built in the Chubu region

Strengthening our energy

foundation and ensuring stable

supply by adopting an independent

growth model made possible through the

separation of power generation and retail

generation

1619

Intellectual Property

# **Foundations of Value Creation**

Corporate Philosophy P3 Connecting People and

Society, Creating

**Energy for Happiness** 

Human Capital Management ▶ P31

Opportunities and Who Meet the Challenge of Self-transformation

Governance P80

Promotion of Higher Standards of Governance and Compliance

- Engagement survey overall score rating of "A"
- Percentage of male employees taking childcare leave: 100%

 Reducing CO<sub>2</sub> emissions deriving from sales of electrical energy by 50% from FY2013

Expanding renewable energy by

3.2 GW ▶ P25

Value Co-Creation Story

# **History of Value Creation**

As a company rooted in the Chubu region, Chubu Electric Power has grown and developed together with the local society through its mission of providing electricity in a safe and stable manner.



Ikawa Hydroelectric Power Station Restored distribution line after



Typhoon Isewan (1959)



500 kV Seibu trunk line was constructed (completed in 1972)



Hamaoka Nuclear Power Station Unit 1 Mega Solar Shimizu (2015)





Web member service for household "KatEne" and web member service for business "BizEne" start (2015)

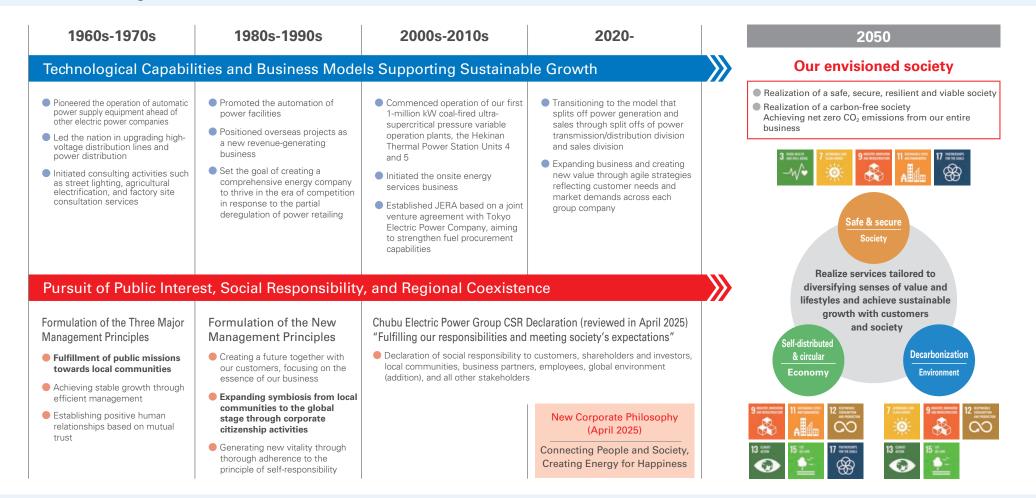
1951 >> ● 2016 >> Full liberalization of electricity retailing Establishment of • 1973 >> First oil crisis ● 2011 >> Great East Japan Earthquake ● 2020 >> Split offs of power transmission/ Chubu Electric Power distribution division and sales division ● 1991 >> Collapse of bubble economy Around 1955 >> High economic growth ● 2017 >> Full liberalization of gas retailing

# / History of Value Creation

# **Beyond Our Unchanging Mission**

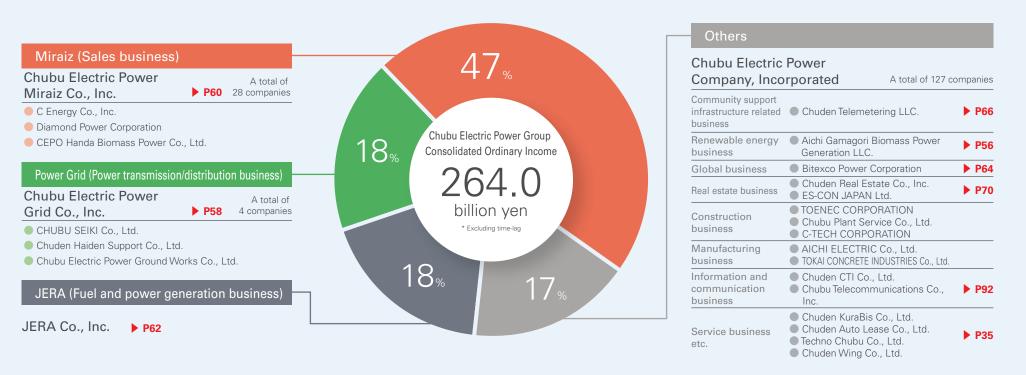
Since its establishment, Chubu Electric Power has operated under the unchanging mission of "stable power supplies." By viewing changes in society and the business environment as opportunities, we have contributed to societal development alongside our growth, innovative technological development, and transformation of our business model with the forward-thinking model that splits off power generation and sales.

Additionally, from early on we have incorporated public interest, social responsibility, and regional coexistence into our management, developing in tandem with the Chubu region.



# Chubu Electric Power Group at a Glance

Onsolidated subsidiaries and affiliates accounted for under the equity method
As of March 31, 2025



As of March 31, 2025

11 878

Sales results, etc. (Chubu Electric Power Miraiz) FY2024		
	Electrical 107. (Group total: 11	
_خخف_	Gas and LNG sold 1,240 thous (Group total: 1,490 thou	
	CO <sub>2</sub> emissions in electrical energy sales 40.44 mill	ion t-CO2
CO <sub>2</sub>	CO <sub>2</sub> emission intensity 0.376 kg-C	O <sub>2</sub> /kWh*

1071010	at a teng	ime length	11/07 O KIII	
(Group total: 117.3 TWh)		Number of supporting structures (iron tower, etc.)	34,629 units	
240 thousand tons		Number of substations	998 locations	
40.44 million t-CO <sub>2</sub>	###	Distribution line length	136,587 km	
0.376 kg-CO <sub>2</sub> /kWh*		Number of supporting structures (utility poles, etc.)	2,889,108 units	
o for Chala. Floratio Davis Afficia o a calada				

(Chubu Electric Power Grid)

Power transmission/distribution facilities

line length

**Transmission** 

Power generation facilities (Chubu Electric Power)  As of March 31, 2025			
		$\begin{array}{c} \text{General} \\ \text{hydroelectric} \\ \text{power} \end{array} \text{Approx.} \ 2,160 \ \text{MW} \\ \end{array}$	Pumped storage Approx. 3,320 MW
Renewable	*	Wind power	Approx. $30\mathrm{MW}$
e energy	*-	Solar power	$_{\text{Approx.}}20\text{MW}$
		Biomass	Approx. $50$ MW
		Nuclear	3,617 MW

<sup>\*</sup> This is the emission factor for Chubu Electric Power Miraiz as a whole, and is different from the emission factor for each menu.

Mie-Higashi Oumi line Kansai

# Participation in overseas energy business Chubu Electric Power Group at a Glance Current main investment, consulting and cooperation agreement projects **Chubu Electric Power Group Business Area**

Shin-Hokushin

As of March 31, 2025

Thermal power stations of JERA

External hydroelectric power stations

111111 500 kV external transmission line

275 kV external transmission line

External frequency converter DC ±200 kV external transmission



# Tied to Hokuriku Electric Chusin

Note: Facilities for 500 kV and 275 kV are shown here.

Nuclear power station

500 kV transmission lines

External substations

275 kV transmission lines

Substations (275 kV or higher system

Switching stations (275 kV or higher system)

Hydroelectric power stations (50 MW or higher)

New energy power stations

Frequency converter

AC-DC converter

Toward expanding business fields to Japan and

the world from our base in the Chubu region

# Investment projects

**1** UK Submarine power transmission business

2 Netherlands Offshore wind farm power project

 Netherlands Renewable energy, retail, new services business

4 Germany Submarine power transmission business

Germany Geothermal power generation and district supply business

India Mini-arid business

Vietnam Renewable energy business

8 Singapore Project investments, incubation and human resource development

Philippines Power distribution and electricity retail businesses

Japan and Asia Decarbonization business **(II)** USA

Development of small modular

**1** USA North American energy business through infrastructure fund

(B) Canada

Deployment of new geothermal technology

## Consulting projects

Uganda

for improvement of protection of

2 Mozambique Project for improvement of energy loss reduction on distribution network

Regional collaboration in Jordan,

4 Sri Lanka

Bangladesh

Detailed distribution master plan project for Dhaka area to achieve low carbon society

6 Ecuador Road map for zero fossil fuel in

Galapagos Islands project

Qatar

Technology cooperation with Qatar General Electric & Water Corporation in the field of electric power

2 Thailand

Building a framework that transcends cooperation agreements with Provincial Electricity Authority (PEA)

3 Taiwan

Cooperation agreement with Taiwan Power Company in the energy field with a focus on decarbonization

Capacity development project transmission systems

3 Jordan

Irag, and Egypt

Power sector reform advisor

Customers

# Toward Providing Value to Stakeholders

Under its corporate philosophy, the Chubu Electric Power Group seeks to achieve sustainable growth together with stakeholders by providing value to them. To this end, we capture stakeholders' expectations and matters of interest through stakeholder engagement and respond to the identified expectations and matters through business activities.

# **■ Toward Providing Value to Stakeholders**

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

- Provide safe and secure energy
- New value creation
- Implementation of burden reduction of electricity bills

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

- Sustainable growth
- Stable shareholder returns

The Chubu Electric Power

Group seeks to achieve sustainable growth together with stakeholders.

**Employees** 

We are determined to contribute to sustainable local development in partnership with local communities.

- Safety and security by improving resilience
- Realization of a recycling-oriented society

Global Environment We are committed to environmental conservation to pass on our irreplaceable planet to future generations.

- Promote renewable energy
- Restart Hamaoka Nuclear Power Station

Business Partners We promise to deal fairly with our suppliers as equal business partners and work together to increase the transparency and soundness of the entire supply chain.

- Appropriate price negotiations and cost allocations that reflects soaring prices
- Strengthen partnerships for providing new value

We strive to create a cheerful and motivating workplace where safety and health are top priorities, and where diverse human resources take active roles.

- Promoting safety and health
   Investment in human capital
- Business transformation utilizing digital transformation (DX)

# **■** Main Stakeholder Engagement Details and Reflecting These in Business Activities

Stakeholder	Key engagement activities	Reflecting engagement results in business activities
Customers	Mutual communication with customers (e.g., enhancing information dissemination on various decarbonization services via customer-facing websites)	<ul> <li>Develop services tailored to customer needs</li> <li>Renewal of the KatEne website and release of the official app</li> </ul>
Shareholders/ Investors	Identifying capital market trends through dialogue with analysts, institutional investors, and individual shareholders and investors.  (General Meeting of Shareholders, briefings for individual investors, financial results briefings, IR activities P17)	<ul> <li>Enhancing disclosures on our website and in group reports, and actively disseminating information.</li> </ul>
Local community	Communication with members of the local community where the Hamaoka Nuclear Power Station is located.  (power station tours: 11,173 participants ▶ P55)	<ul> <li>Continuously providing opportunities for communication with local communities and enhancing communication content.</li> </ul>
Global environment	Promote renewable energy to realize a decarbonized society and discover decarbonization needs through services ▶P41	<ul> <li>Procurement of environmentally certified power sources in compliance with the new RE100 requirements</li> <li>Sales of CO<sub>2</sub>-free electricity plans</li> <li>Provision of on-site and off-site solar power purchase agreements (PPAs) services</li> <li>Implementation of the NACHARGE Points Campaign</li> </ul>
Business partners	Providing briefings to and conducting a survey on the status of CSR/ESG efforts of business partners, etc.  (Procurement overview briefing sessions and survey on the status of CSR/ESG efforts: 346 companies P50)	<ul> <li>Promote CSR procurement throughout the entire supply chain</li> </ul>
Employees	■ Conducting an engagement survey and holding dialogue, etc., with executives (Engagement survey: twice a year ▶ P37)	<ul> <li>Analyze state of the Company-wide organizational culture and identify issues to be addressed by each department</li> </ul>

# **COLUMN**

## 

Through constructive dialogue with institutional investors and executive officers such as the President, Vice President, and external directors, we provide feedback on the interests and insights gained from the capital markets to the Board of Directors. This feedback is incorporated into various plans and enhances efforts towards further information disclosure, among other initiatives.

# **Institutional Investors and Analysts**

# [Dialogue results (FY2024)]

- Individual interviews: 123 with domestic institutional investors, 68 with overseas institutional investors, 56 with analysts, etc.
   (Including dialogue between external directors and the capital market)
- Financial results and management plan briefings: 3 times (domestic institutional investors)
- Tours, business briefings, etc.: 3 times (domestic institutional investors)

# [Feedback to management]

- Board of Directors: Shareholder feedback provided once per year
- Others: Details of dialogue between external directors and the capital market are fed back to the Board of Directors meeting every time such dialogue is held, etc.

# [Theme of dialogue/matters of interest]

ltem	Matters of interest	
Management Strategies and Capital Policies	Strategies and Capital  efficiency (ROE, ROIC, etc.)  Concept of optimal capital structure (equity ratio), taking into account capital costs and business risks	
ESG		

# [Improvements through dialogue]

- Enhanced disclosure of initiatives to improve PBR, with more quantitative and specific content
- Pursuit of optimal capital structure, including the current approach to the equity ratio and consideration of share buybacks
- Enhancement of shareholder returns (dividend increases)
- Improved agility in decision-making and strengthened governance through transition to a company with an Audit and Supervisory Committee

We are also working to broadly communicate the appeal of our Company to individual shareholders and investors, with the aim of promoting understanding of our business and encouraging investment in our stock. To this end, we hold briefing sessions for individual investors and issue shareholder newsletters, among other initiatives.

## Individual Shareholders and Investors

# [Dialogue results (FY2024)]

- In-person briefing for individual investors
   Date: Held on November 23, 2024
   Number of attendees: 143
- Online briefing for individual investors
   Date: Held on November 28, 2024
   Number of viewers: 282 (real-time), 132 (archived)
- Investor information videos for individual investors
   Date: From December 23, 2024
   Views: Approx. 2,000 (as of the end of March 2025)
- Shareholder newsletter
   Timing: Published twice a year (June and November 2024)
- Shareholder questionnaire survey
  Survey period: November 28 to December 24, 2024
  Number of responses: Approx. 1,600
  In conjunction with the November issue of the above shareholder newsletter, we conducted a shareholder questionnaire survey to better understand shareholder interests and concerns. The results will be used as reference material when preparing future issues.
- Shareholder newsletter "Chuden" (Japanese version only)

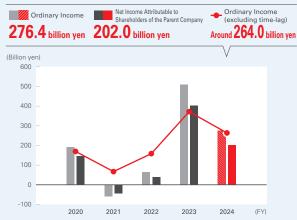
Results of the shareholder questionnaire survey (Japanese version only)

# Financial and Non-Financial Highlights

Please refer to the Investors' Data Book for details including data for the past 10 years.

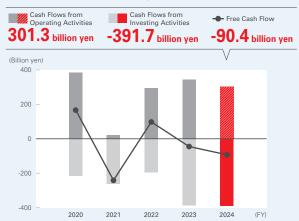
Investors' Data Book

 Ordinary Income/Net Income Attributable to Shareholders of the Parent Company/Ordinary Income (excluding time-lag)



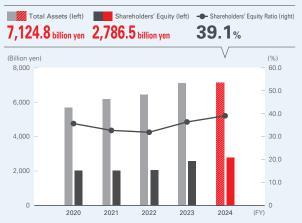
Ordinary income decreased by 232.8 billion yen from the previous consolidated fiscal year, mainly due to a decline in the gain from time lag, a decrease in the cost reduction effect from the restructuring of the power procurement portfolio at Chubu Electric Power Miraiz, and an increase in costs for supply and demand adjustment at Chubu Electric Power Grid.

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



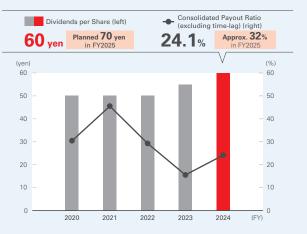
Cash inflow from operating activities decreased by 42.7 billion yen from the previous consolidated fiscal year, mainly due to an increase in supply-demand adjustment costs in the Power Grid business. Cash outflow from investment increased by 3.4 billion yen from the previous consolidated fiscal year, mainly due to higher spending on fixed assets. As a result, free cash flow decreased by 46.1 billion yen compared to the previous consolidated fiscal year.

## Total Assets/Shareholders' Equity/Shareholders' Equity Ratio



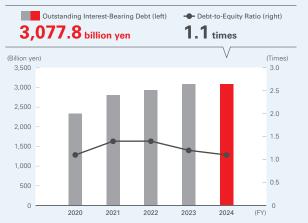
The shareholders' equity ratio was 39.1% due to an increase in net assets resulting from the recording of net income attributable to parent company shareholders and an increase in accumulated other comprehensive income.

# Dividends per share/Consolidated Payout Ratio



We aim to achieve a consolidated dividend payout ratio of 30% or more by working to return profits to shareholders taking into consideration profit growth on the basis of maintaining stable dividends. Cash dividends per share for the current fiscal year were increased to 60 yen upon taking into account the approach on shareholder return, our medium-term financial condition, and the expectations of capital markets.

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



The D/E ratio declined to 1.1 as the balance of interest-bearing liabilities remained at the same level as the previous fiscal year and the shareholders' equity ratio increased.

# Return on Invested Capital (ROIC)/ Return on Equity (ROE)/Return on Assets (ROA)



Note: After excluding the time-lag impact incurred by the fuel cost adjustment system.

We have set a target for ROIC of 3.2% or more under our Medium-term Management Plan as we promote management with an awareness of capital efficiency. Although the figure for the fiscal year was 3.8%, down 1.7 percentage points compared with the previous fiscal year, we will continue to promote ROIC management as a Group-wide target.

Business activities

# Financial and Non-Financial Highlights

Please refer to the ESG Data Book for details.



# Annual average of failure/outage time per household

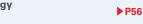




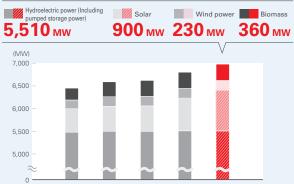


During the current fiscal year, we worked toward preventive maintenance such as undertaking regular patrols and inspections, resulting in a decrease from the previous fiscal year.

## Developed renewable energy

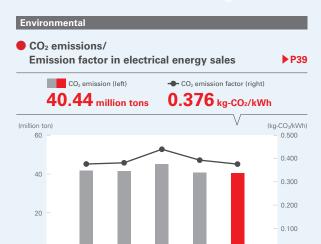


▶P33



Note: Amount at the end of each fiscal year in Chubu Electric Power Group (in case of joint development, only equity ownership output is included). Hydroelectric power includes pumped storage power generation. Co-fired power with biomass fuel at Hekinan Thermal Power Station is not included. Includes projects for which development has been decided but commercial operation has not yet commenced

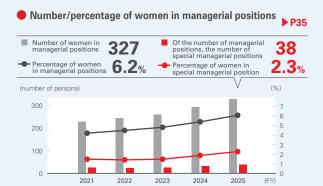
In the fiscal year under review, the figure increased, mainly due to the decision to develop the Atsumi No. 2 Wind Power Station in Tahara City, Aichi Prefecture.



We have set a goal to reduce CO<sub>2</sub> emissions derived from electrical energy sold by 50% or more by 2030 compared with FY2013. This fiscal year, emissions totaled 40.44 million tons, representing a reduction of approximately about 38% compared with FY2013.

2022

## Human resources



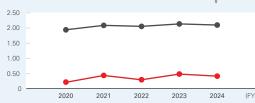
Note: As of July 1 in each FY

Through initiatives such as training on diversity promotion, we have hired 39 women in managerial positions so far in FY2025, increasing the total to 327 (3.2 times compared to FY2014.)

(Note: Our goal is to more than triple the number of women in managerial positions in FY2025 compared with the FY2014 count of 103.)

# Industrial accident frequency\*



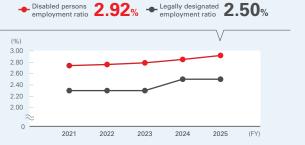


\* Accident frequency: Number of persons killed or seriously injured (with at least one day of leave) by industrial accidents per million working hours.

In accordance with our Basic Safety and Health Policy, we worked to create a safe working environment and occupational environment. As a result, the industrial accident frequency for the fiscal year was 0.41, a decrease from the previous fiscal year

# Disabled persons employment ratio/ Legally designated employment ratio





Note: As of June 1 in each FY

We are advancing the employment of individuals with disabilities to fulfill our corporate social responsibility. In conjunction with the hiring at Chuden Wing Co., Ltd., we continue to hire individuals with disabilities and have achieved the legally designated employment ratio.