

# Investors Meeting 2nd Quarter FY2021

October, 2021

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#### Six-Months ended September 30, 2021

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# Outline of Financial Results for Six-Months ended September 30, 2021

Note: The company's fiscal year (FY) is from April 1 to March 31 of the following year. FY2021 represents the fiscal year begun on April 1, 2021, and ending on March 31, 2022. 2<sup>nd</sup> Quarter (2Q) represents six months period ended September 30, 2021. Monetary amounts are rounded down to the nearest whole number of the units being used, while principal figures like electrical energy sold or electric energy output are rounded to the nearest unit.



(Rillion ven %)

#### <Points of Financial Results> (Consolidated)

Operating revenues: 1,160.4 billion yen

Operating revenues decreased by 291.4 billion yen compared with 2020/2Q, mainly due to an application of "Accounting Standards for Revenue Recognition" (-329.1 billion yen).

#### Ordinary income: 63.6 billion yen

Ordinary income decreased by 82.8 billion yen compared with 2020/2Q, mainly due to an conversion of time lag income incurred by fuel cost adjustment system into loss (-101.0 billion yen [56.0 billion  $\rightarrow$  -45.0 billion yen]) and competitive impacts in sales in Miraiz and an increase in power procurement costs by increased prices in JEPX, in spite of an increase in income of LNG and coal trading business in JERA and an increase related to the impact of COVID-19 in 2020/2Q.

[Reference] Consolidated ordinary income excluding the effect of time lag: Approx. 109.0 billion yen (increased by approx. 19.0 billion yen compared with 2020/2Q)

- · Operating revenues decreased for 2 consecutive years since 2020/2Q.
- Ordinary income decreased following 2017/2Q, for the first time in 4 years..
- We recorded decreased sales and income following 2016/2Q, for the first time in 5 years.

	2021/2Q	2020/2Q	Change	
	(A)	(B)	(A-B)	(A-B)/B
Operating revenues	1,160.4	1,451.9	(291.4)	(20.1)
Operating income	54.0	104.4	(50.4)	(48.3)
Ordinary income	63.6	146.4	(82.8)	(56.5)
Net income attributable to owners of parent	42.6	114.6	(71.9)	(62.8)

(note) The number of consolidated subsidiaries [change from the previous year in parenthesis]

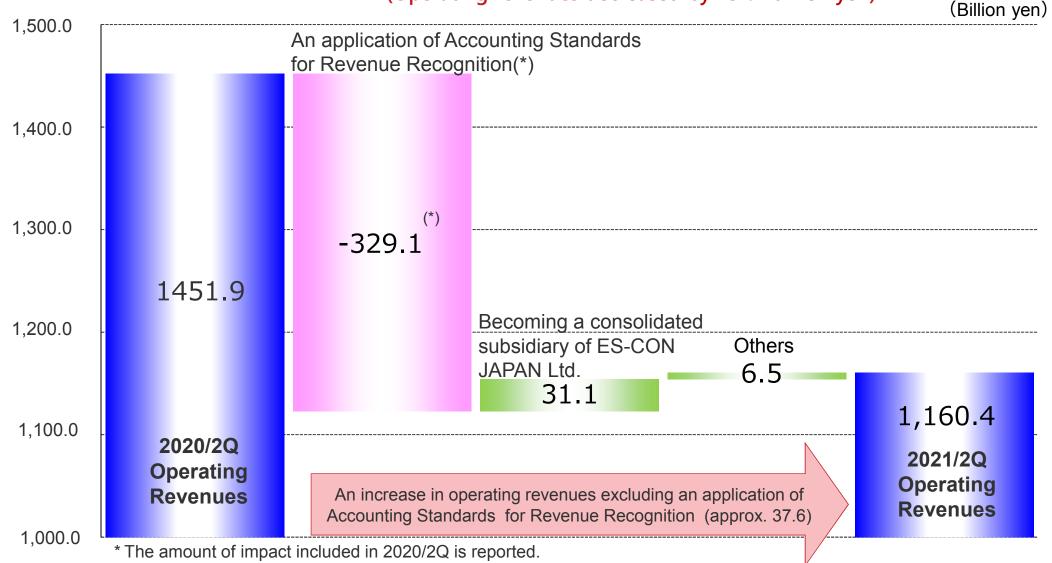
2021/2Q: 54 subsidiaries (+18 company), 54 affiliates accounted for under the equity method (+6 companies)

# Summary of Financial Results <2>



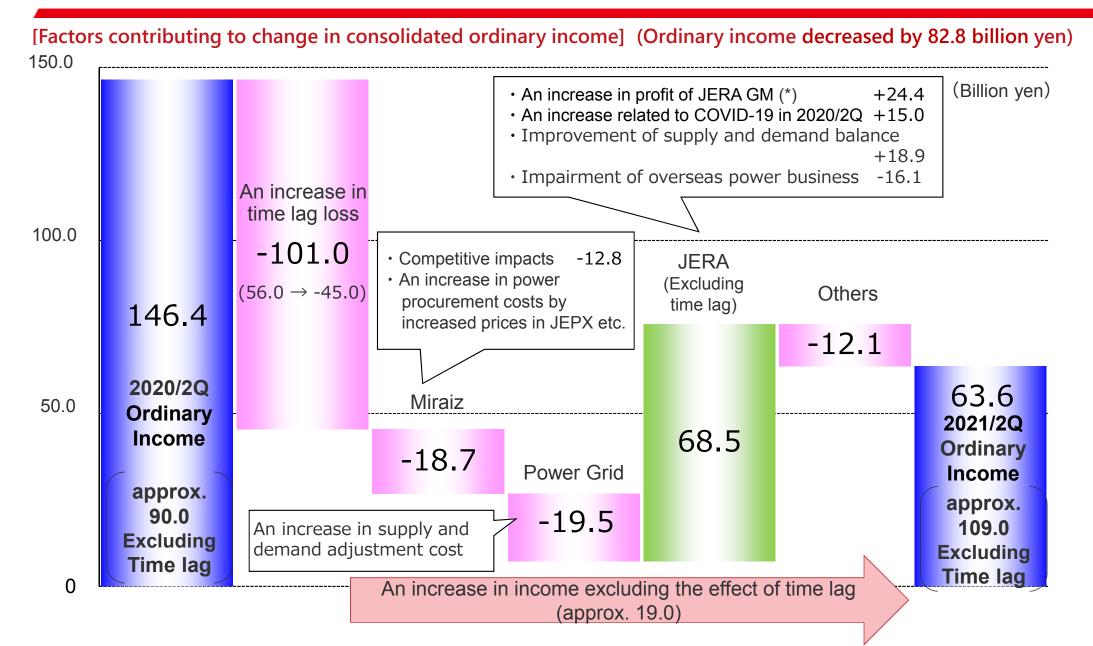
### [Factors contributing to change in consolidated operating revenues]

#### (Operating revenues decreased by 291.4 billion yen)



# Summary of Financial Results <3>





3

# Summary of Financial Results by Segments <1>



[Operating revenues] (Billion yen, %)				
	2021/2Q	2020/2Q	Cha	inge
	(A)	(B)	(A-B)	(A-B)/B
Miraiz	888.2	1,229.1	(340.9)	(27.7)
Power Grid	378.8	366.1	12.6	3.5
Others (*1)	387.0	350.2	36.8	10.5
Adjustment charge	(493.6)	(493.6)	(0)	0.0
Total	1,160.4	1,451.9	(291.4)	(20.1)

#### [Ordinary income and loss]

(Billion yen, %)

	2021/2Q 2020/2Q		Cha	inge
	(A)	(B)	(A-B)	(A-B)/B
Miraiz	23.0	41.7	(18.7)	(44.9)
Power Grid	3.5	23.1	(19.5)	(84.6)
JERA (*2)	15.5	48.0	(32.4)	(67.6)
Others (*1)	100.7	57.5	43.1	75.0
Adjustment charge	(79.2)	(24.0)	(55.2)	229.9
Total	63.6	146.4	(82.8)	(56.5)

(Note) Each segment is stated before eliminating internal transaction.

\*1 "Others" segment is business segment that is not reporting segments and includes renewable energy company, nuclear power division, administrative division and other affiliated companies, etc.

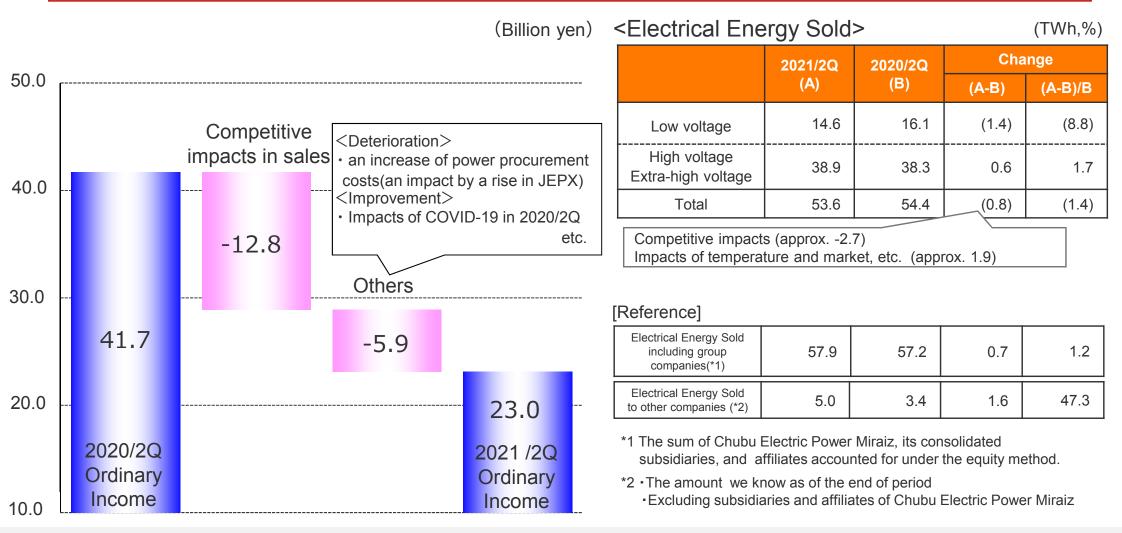
\*2 JERA is the affiliate accounted for under the equity method so that the operating revenues aren't recorded.

# Summary of Financial Results by Segments <2>: Miraiz



#### <Factors contributing to change in Ordinary income >

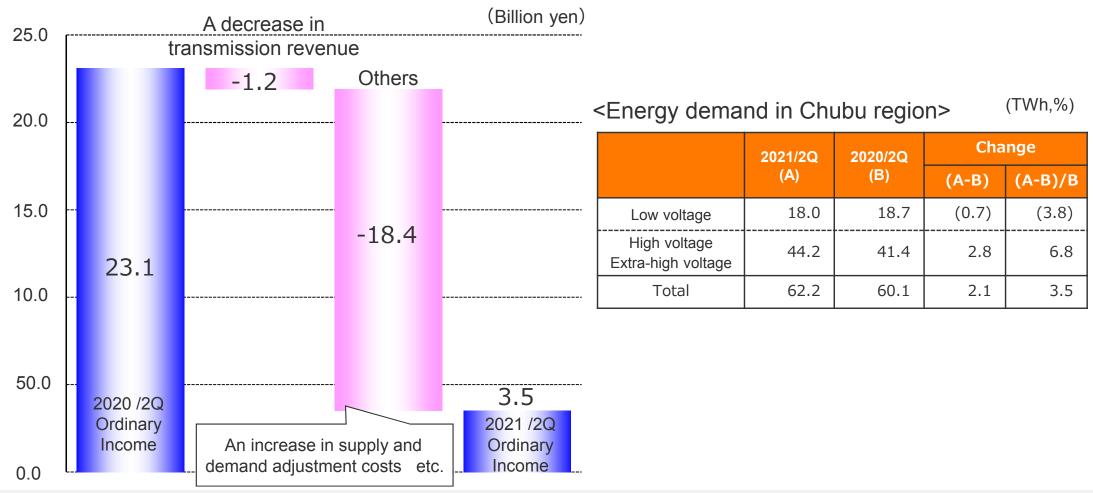
Ordinary income decreased by 18.7 billion yen compared with 2020/2Q, mainly due to a decrease in income by competitive impact and an increase of power procurement costs(an impact by a rise in JEPX, etc.,) in spite of an improvement of income related to the impact of COVID-19 in 2020/2Q, etc.



## Summary of Financial Results by Segments <3>: Power Grid

#### <Factors contributing to change in Ordinary income >

Ordinary income decreased by 19.5 billion yen compared with 2020/2Q, mainly due to a decrease in transmission revenue and an increase in supply and demand adjustment costs.

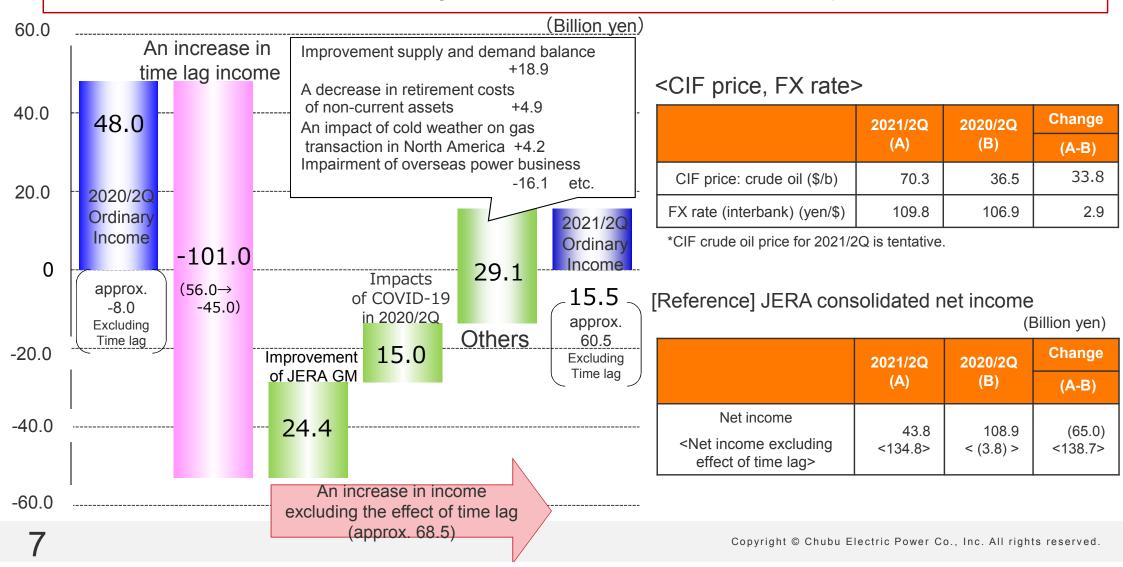


# Summary of Financial Results by Segments <4>: JERA



#### <Factors contributing to change in Ordinary income >

Ordinary income decreased by 32.4 billion yen compared with 2020/2Q, mainly due to a deterioration by conversion of time lag income incurred by fuel cost adjustment system into loss, in spite of an improvement of JERA GM that runs LNG and coal trading business and an increase related to the impact of COVID-19 in 2020/2Q.



## **Electric Energy Output**



## < **Power generation** > (Chubu Electric Power)

**Hydro** Increased by 0.4TWh since the flow rate was higher than 2020/2Q.

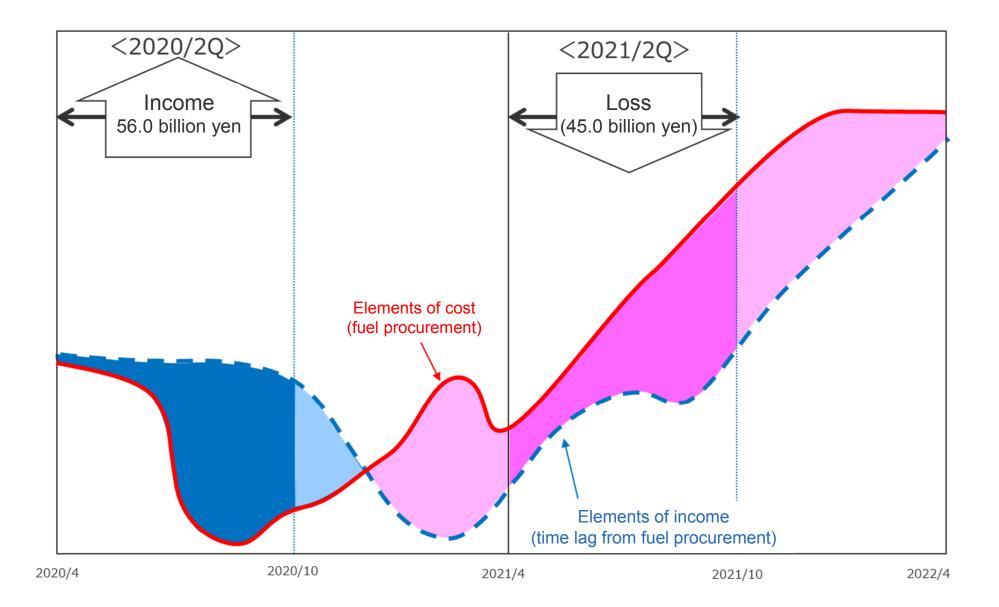
**Renewable energy** Same as 2020/2Q

	2021/2Q	2020/2Q	Cha	nge
	(A)	<b>(B)</b>	(A-B)	(A-B)/B
Hydro <flow rate=""></flow>	5.7 <114.7>	5.2 <106.2>	0.4 <8.5>	7.8
Nuclear <utilization rate=""></utilization>	- < - >	- < - >	- < - >	-
Renewable energy	0.2	0.2	(0)	(23.0)
Total	5.8	5.4	0.4	6.7

(TWh,%)

## (Reference) Impact of Accrued Income and Loss (Result)







### <Policy of Return to Shareholders>

Chubu Electric Power will continue to invest in plants and equipment for a safe and stable supply of electricity as well as in growth sectors to maintain sustainable growth and increase our corporate value.
 Providing strong shareholder returns is an important mission for our Group. We will continue to pursue stable dividends, and consider our profit growth. Our target consolidated payout ratio is over 30%.

#### <Dividends>

The board of directors has determined that the interim dividend per share is 25 yen today.

	FY2021	FY2020
Interim Dividends per share (yen)	25 yen	25 yen
Year-end Dividends per share (yen)	<25 yen>	25 yen
Annual Dividends per share (yen)	<50 yen>	50 yen
Consolidated Payout Ratio excluding the effect of time lag	<approx. 38%=""></approx.>	30.4%

\* Forecast in < >.

## Summary of Forecast for FY2021 <1>



## **<Forecast> (Consolidated)** Forecast has been revised from the previous announcement made in July 30, 2021.

Consolidated operating revenues: 2,500.0 billion yen (forecast)

It's expected to increase by 100.0 billion yen compared with the previous forecast, due to an increase in fuel cost adjustment by higher fuel prices.

Consolidated ordinary income: 45.0 billion yen (forecast)

It's expected to decrease by 65.0 billion yen compared with the previous forecast, due to an expansion of time lag loss by higher fuel prices and an increase in power procurement costs by a rise in price of JEPX in Miraiz in spite of an increase in income of LNG and coal trading in JERA. Consolidated ordinary income excluding the effect of time lag is expected to be approx. 120.0 billion yen. (Decreased by 30.0 billion yen compared with the previous forecast)

- · Operating revenues will decrease for 2 consecutive years since FY2020.
- · Ordinary income will decrease following FY2018, for the first time in 3 years.
- $\cdot$  We will record decreased sales and income following FY2016, for the first time in 5 years.

(Billion yen, %)

	Current (A)	July 30 (B)	Change	e
			(A-B)	(A-B)/B
Operating revenues	2,500.0	2,400.0	approx. 100.0	4.2
Ordinary income	45.0	110.0	(approx. 65.0)	(59.1)
Net income attributable to owners of parent	25.0	75.0	(approx. 50.0)	(66.7)
[Reference] Year-on-year				(Billion yen, %)

#### [Reference] Year-on-year

	Current FY2020		Chang	e
	(A)	(Result) (B)	(А-В)	(A-B)/B
Operating revenues	2,500.0	2,935.4	(approx. 435.0)	(14.8)
Ordinary income	45.0	192.2	(approx. 147.0)	(76.6)
Net income attributable to owners of parent	25.0	147.2	(approx. 122.0)	(83.0)

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(TWh %)

## [Principal Figures]

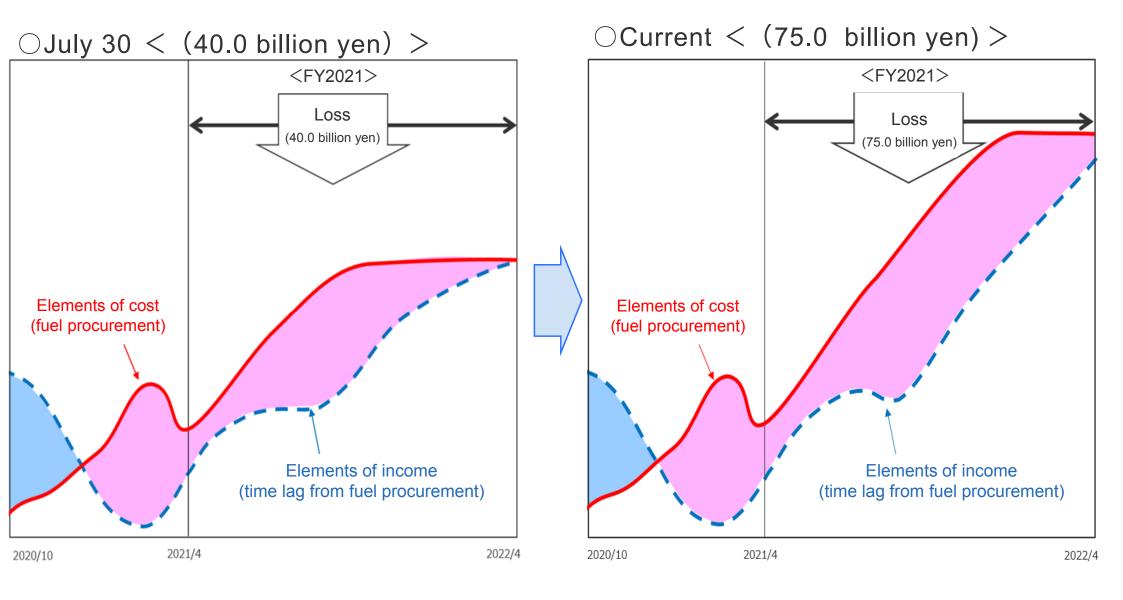
#### <Electrical Energy Sold>

				(1 • • • • • , 70	
	Current	April 28	Cha	ange	
	(A)	(B)	(A-B)	(A-B)/B	
Electrical Energy Sold	109.9	109.9	-	-	
Electrical Energy Sold including group companies (*)	118.0	118.0	-	-	
Reference] Year-on-year	Competitive impacts in sales (approx3.5) Impacts of temperature and market etc. (approx. 3.0)				
	Current	FY2020	Cha	ange	
	(A)	(Result) (B)	(A-B)	(A-B)/B	
Electrical Energy Sold	109.9	110.7	(0.8)	(0.7)	
Electrical Energy Sold including group companies (*)	118.0	117.1	0.9	0.7	

\* The sum of Chubu Electric Power Miraiz, its consolidated subsidiaries, and affiliates accounted for under the equity method.

#### <Others>

		Current (A)	July 30 (B)	[Reference] FY2020(Result)
CIF price: crude oil	(\$/b)	approx. 73	approx. 72	43
FX rate (interbank)	(yen/\$)	approx. 110	approx. 110	106
Nuclear power utilization rate	(%)	-	-	-



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**Electric Power** 



# Reference Data : Financial Results

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## **Consolidated Statements of Income**



			(Bil	lion yen,%)
	2021/2Q	2020/2Q	Cha	nge
	(A)	(B)	(A-B)	(A-B)/B
Operating revenues	1,160.4	1,451.9	(291.4)	(20.1)
Share of profit of entities accounted for method	using equity 15.1	49.2	(34.1)	(69.3)
Other	5.8	3.7	2.0	53.7
Non-operating revenues	20.9	53.0	(32.1)	(60.6)
Ordinary revenues	1,181.3	1,504.9	(323.5)	(21.5)
Operating expenses	1,106.4	1,347.4	(241.0)	(17.9)
Non-operating expenses	11.3	11.0	0.2	2.4
Ordinary expenses	1,117.7	1,358.5	(240.7)	(17.7)
<operating income=""></operating>	<54.0>	<104.4>	<(50.4)>	<(48.3)>
Ordinary income	63.6	146.4	(82.8)	(56.5)
Income taxes	20.4	29.8	(9.4)	(31.6)
Net income attributable to non-controlling interest	sts 0.5	1.9	(1.3)	(70.1)
Net income attributable to owners of parent	42.6	114.6	(71.9)	(62.8)



			(Billion yen)	
	Sep. 30, 2021 (A)	Mar. 31, 2021 (B)	Change (A-B)	<major factors<="" th=""></major>
Assets	5,918.4	5,686.3	232.0	consolidated sub JAPAN Ltd. ,etc.
Liabilities	3,724.9	3,582.6	142.2	
Net assets	2,193.4	2,103.6	89.7	
				FY2021 (Forecast)
Shareholders' equity ratio (%)	35.3	35.7	(0.4)	approx. 33
Outstanding interest-bearing debt	2,621.4	2,333.6	287.7	approx. 2,800.0
Debt Equity Ratio (Times)	1.2	1.2	_	approx. 1.3



			(Billion yen)	
	2021/2Q (A)	20202Q (B)	Change (A-B)	<major factors=""></major>
Cash flows from operating activities (a)	(22.8)	111.9	(134.8) -	Decrease in ordinary income, etc.
Cash flows from investing activities (b)	(109.2)	(92.1)	(17.0)	
Cash flows from financing activities (c)	150.3	(44.7)	195.0 -	Increase in funding, etc.
Net increase in cash and cash equivalents <sup>(*)</sup> (a)+(b)+(c)	18.4	(24.8)	43.2	

	2021/2Q	2020/2Q	Change
	(A)	(B)	(A-B)
Free cash flows (a)+(b)	(132.0)	19.8	(151.8)



#### [Ordinary income and loss]

	Current	July 30	Char	(Billion yen, %) Ige
	(A)	(B)	(A-B)	(A-B)/B
Miraiz	15.0	48.0	(approx. 33.0)	(68.8)
Power Grid	10.0	40.0	(approx. 30.0)	(75.0)
JERA < ordinary income excluding effect of time lag >	(13.0) < 62.0 >	2.0 < 42.0 >	(approx. 15.0) < approx.20.0 >	- <47.6>
Others *, Adjustment charge	33.0	20.0	approx. 13.0	65.0
Total < ordinary income excluding effect of time lag >	45.0 < approx.120.0 >	110.0 < approx.150.0 >	(approx. 65.0) < (approx. 30.0) >	(59.1) < (approx.20.0)>

#### (Reference) JERA consolidated net profit (Forecast)

	Current	July 30	Change		
	(A)	(B)	(A-B)	(A-B)/B	
JERA < consolidated net profit excluding effect of time lag>	0 < 150.0 >	40.0 < 120.0 >	(approx. 40.0) < approx. 30.0 >	- < (25.0) >	



(%)

	Forecast for FY2021	[Reference] FY2020
ROA	approx. 1.0 <approx. 2.5=""></approx.>	approx. 3.8 <approx. 3.4=""></approx.>
ROE	approx. 1.0 <approx. 5.0=""></approx.>	approx. 7.5 <approx. 6.3=""></approx.>

<Figures excluding effect of time lag>

(Billion yen)

Forecast for FY2021		2021/2Q	[Reference] FY2020	
Strategic Investment	approx. 180.0	approx.40.0	approx. 40.0	
	<approx. 330.0=""></approx.>	<approx.190.0></approx.190.0>	<approx. 150.0=""></approx.>	

<Accumulated amount from FY2019>

We aim to make strategic investments totaling more than 400.0 billion yen over the five year period from FY2019 to FY2023.



# **Reference** Data: Management Information

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## Consolidated Ordinary Income (Loss) and Net Income (Loss)

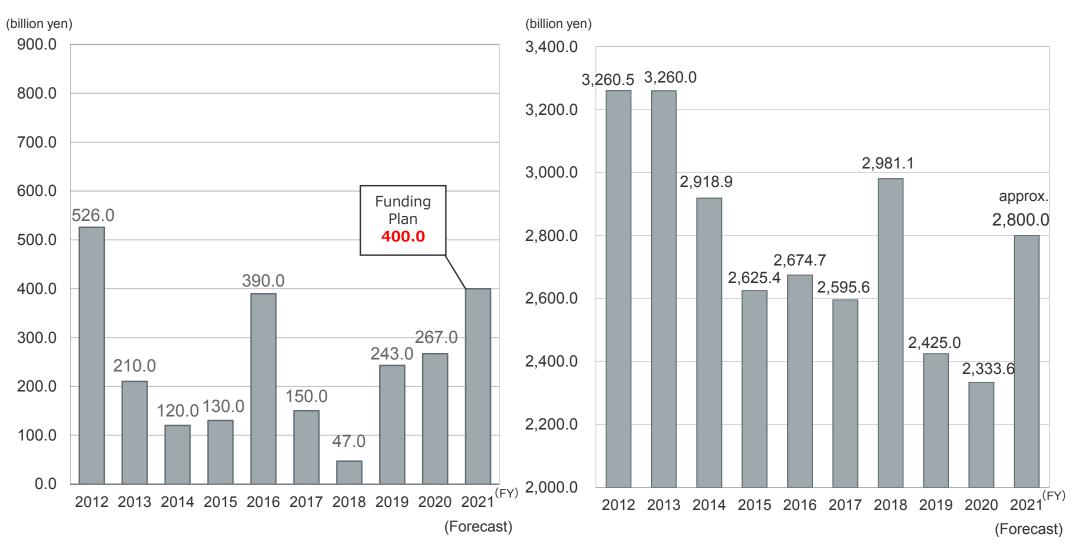


[Ordinary Income (Loss)] [Net Income (Loss)] (billion yen) (billion yen) 300.0 300.0 255.6 250.0 250.0 1<u>91.8</u>192.2 200.0 200.0 169.7 163.4 147.2 150.0 150.0 121.4 112.9 114.6 100.0 100.0 <u>79.4</u> 74.3 60.2 45.0 50.0 38.7 50.0 25.0 0.0 0.0 (32.1)(50.0)(50.0)(43.5) (65.3)(100.0)(100.0)(92.6)(150.0)(FY) (150.0) 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021<sup>(FY)</sup> 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 (Forecast) (Forecast)



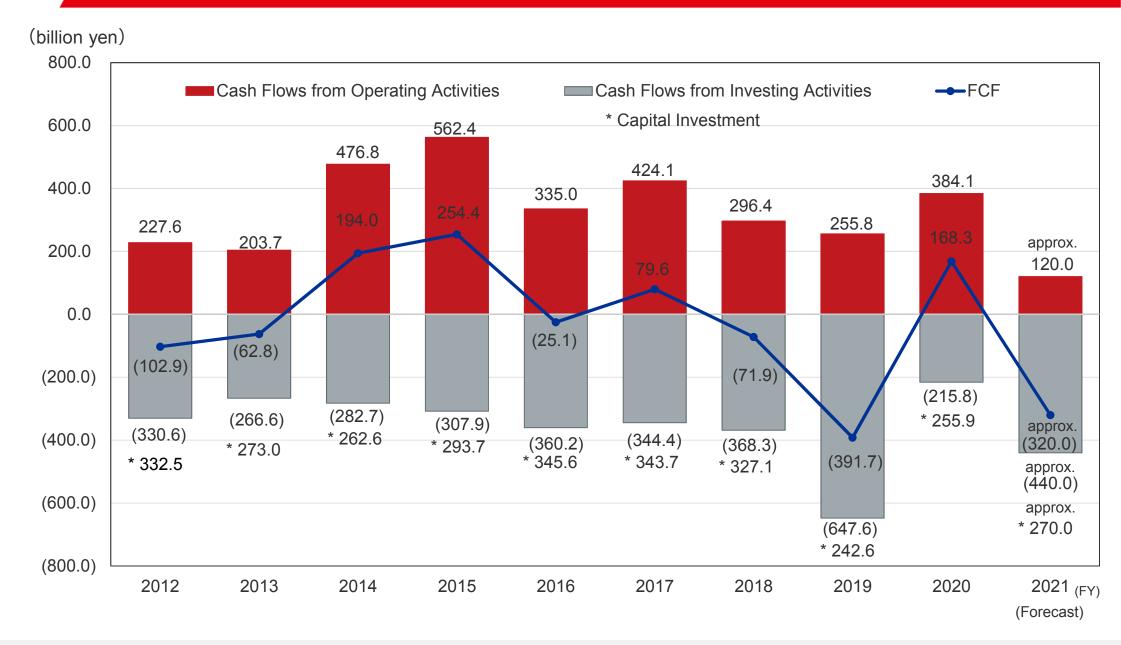
[Fund raising (Nonconsolidated)]

## [Outstanding Interest-bearing debt (Consolidated)]



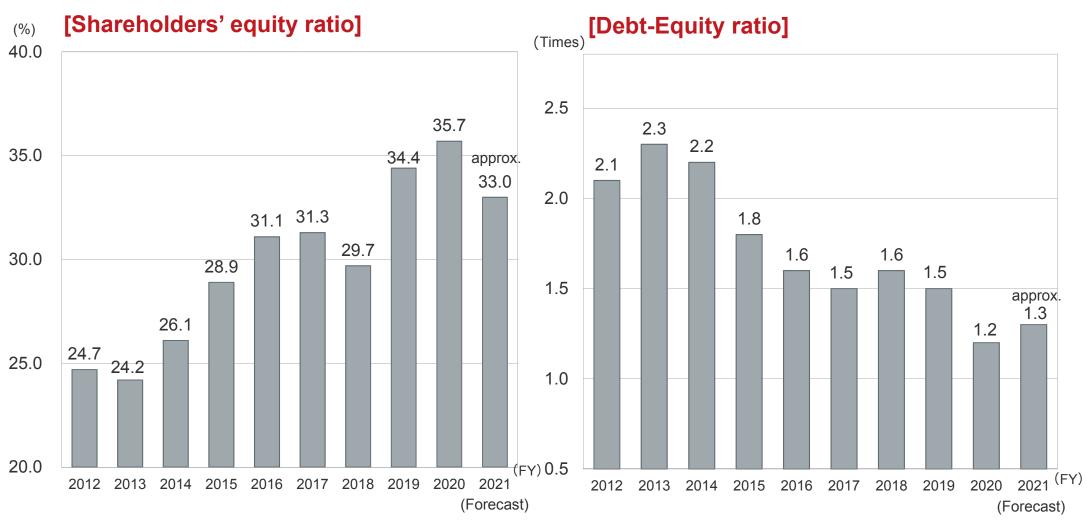
# **Consolidated Cash Flow**





## Consolidated Financial Ratio, Credit Ratings



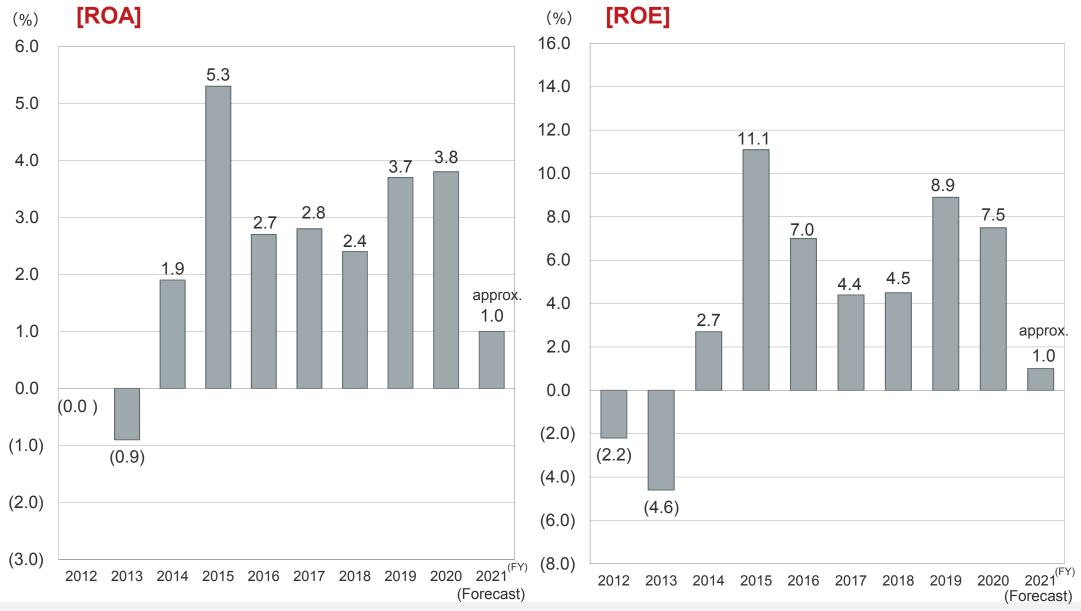


## [Credit ratings (long-term)]

Moody's	R&I	JCR
A3	A+	AA

## Consolidated ROA and ROE



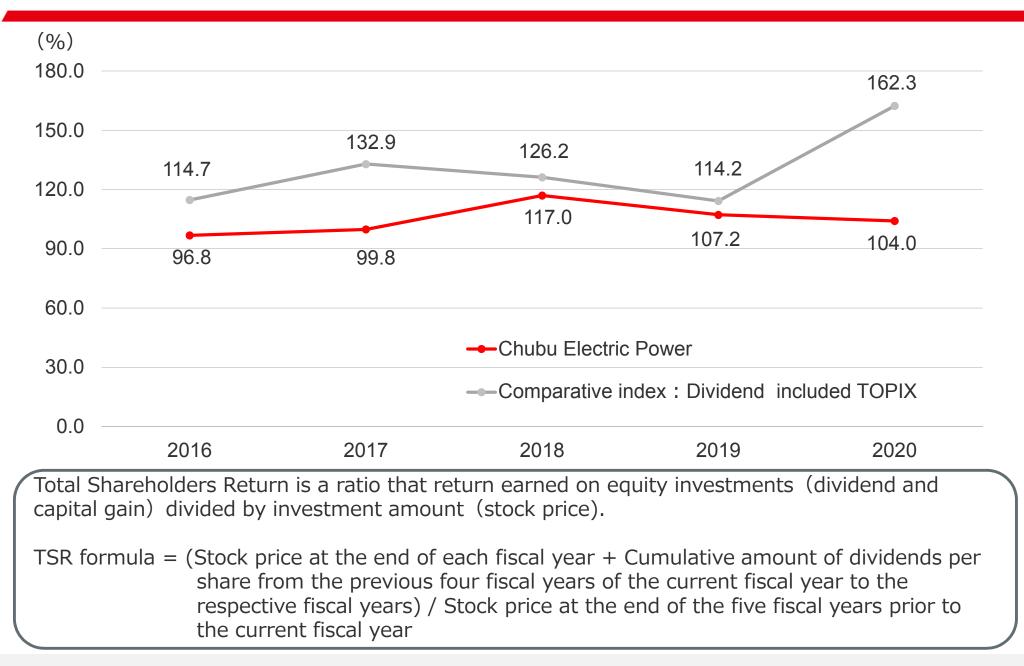


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# Total Shareholders Return







		2021/2Q	Target
	The number of entry; New electric tariff menu	Approx. 2.39 million As of September, 2021	-
Chubu region	The number of sales; Services in a set with electric power or gas	Approx. 53 thousand As of September, 2021	Acquire 100 thousand customers early from FY 2021
Outside of	Electrical energy sold outside of Chubu region	6.5TWh	Increase to approx. 30.0TWh/year in the Tokyo metropolitan area (in the late 2020s)
Chubu region	The number of supplies; CD Energy Direct (total of electric power and gas)	Approx. 440 thousand As of October 20, 2021	Supply approx. 3 million customers in the future
Caa	Gas and LNG sold	558 thousand tons	Increase to 3 million tons/year (in the late 2020s)
Gas	The number of applications; Gas (for household, etc.)	Approx. 449 thousand As of October 13, 2021	-

							(TWh)				
		FY2021									
	Apr.	Мау	June	July	Aug.	Sep.	2Q				
Low voltage	2.7	2.3	1.9	2.3	2.9	2.5	14.6				
High voltage • Extra-high voltage	6.1	5.8	6.6	7.0	6.8	6.7	38.9				
Total	8.8	8.1	8.4	9.3	9.7	9.2	53.6				

(TWh)

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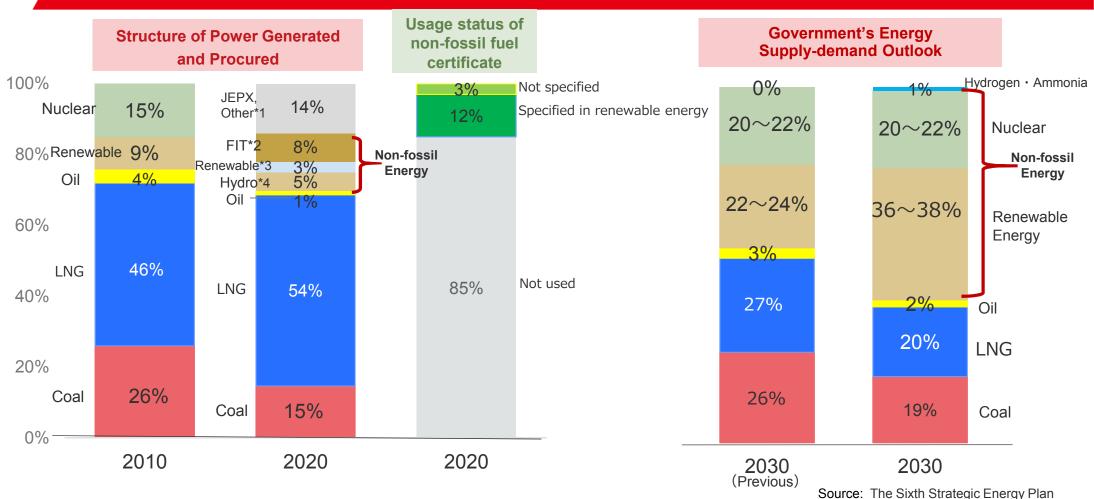
**Electric Power** 

	FY2020												
	Apr.	Мау	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
Low voltage	2.9	2.6	2.0	2.4	3.1	3.0	2.3	2.5	2.5	4.2	3.4	3.0	33.9
High voltage • Extra-high voltage	6.0	5.4	6.1	6.7	6.8	7.3	6.6	6.3	6.3	6.4	6.4	6.5	76.9
Total	9.0	8.0	8.1	9.1	9.9	10.3	8.9	8.8	8.8	10.5	9.8	9.5	110.7

\* The total may not match due to rounding.

## Structure of Power Generated and Procured (definite results)





(note1) Figures include interchanged, purchased power

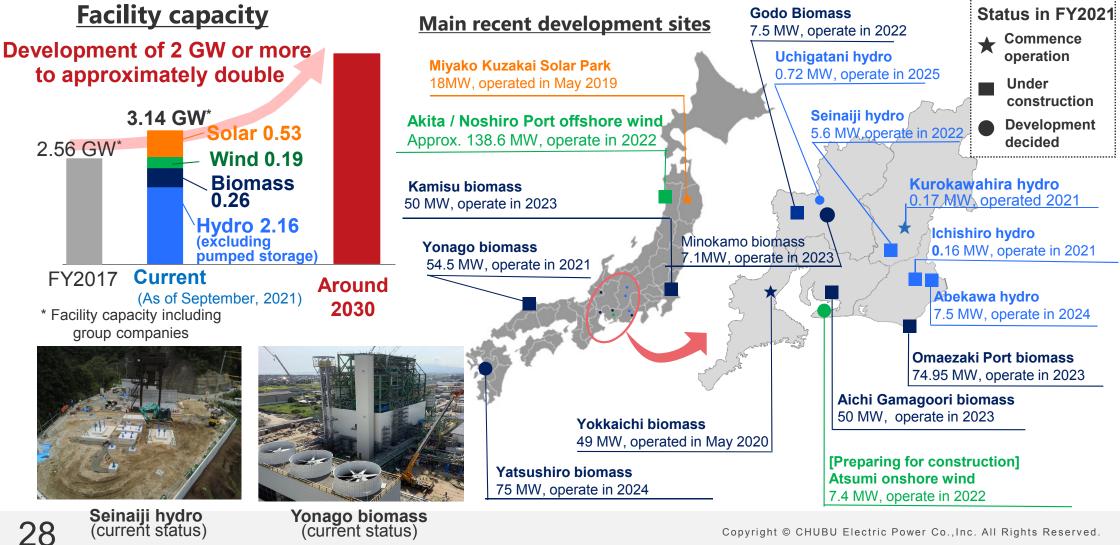
(note2) The graph shows the composition ratio excluding menus sell some customers 100% renewable energy.

- (note3) The ratio of the usage status of non-fossil fuel certificates is calculated based on the "Act on the Promotion of the Use of Non- fossil Energy Sources and Effective Use of Fossil Energy Source Materials by Energy Suppliers" since trading of non-FIT non-fossil fuel certificates started upon generation in April 2020, the ratio of non-fossil fuel certificates is calculated by multiplying the amount of electrical energy sold by 9/12.
  - \*1 Output from purchased power of which we cannot specify the power source (Hydro , Thermal, Nuclear, FIT, Renewable , etc. are included)
  - \*2 Some cost of this electricity is covered by the levy from all users, and the CO2 emissions of them are treated as national average emissions of electricity including thermal etc.

## **Overview of Renewable Energy Business**



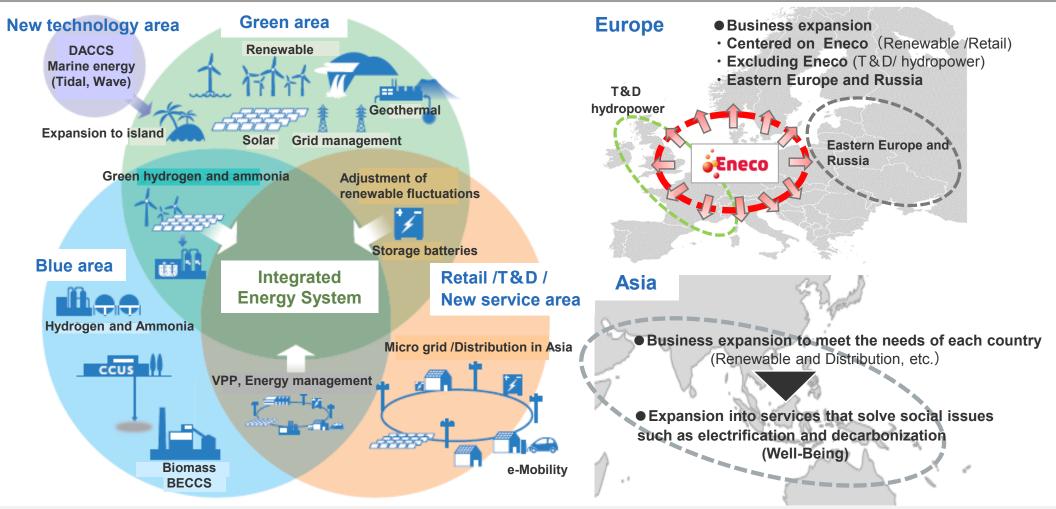
At present, the output based on equity ownership of our entire group is **approx**. **580MW**, which is about 29% progress to the goal of developing 2 GW or more by around 2030. (Progress from the end of FY 2017 to September 30, 2021)



## Expansion of Global Business <1>



- In the global business (overseas business), we will **form an optimized portfolio** by combining four segments (Green area, Blue area, Retail/Transmission and Distribution(T&D)/New service area, and New technology area) to become a decarbonized energy company mainly in Europe and Asia Pacific.
- We will enhance synergies with our domestic business by promoting the development of decarbonization and community services and using our knowledge ,etc.





> In Europe, we use **Eneco as platform for European strategy** to expand growth areas (renewable, retail, new services).

[About acquisition of Eneco]					
Investment (Mar. 2020)	4.1 billion euros (approx. 500 billion yen) (Investment ratio: Mitsubishi 80%, Chubu 20%)				
Business	Comprehensive energy business that combines power, gas and heat (6 million customers, Electric transaction 30 TWh /year, Gas transaction 50TWh /year *1)				
Region	Netherlands, Belgium, Germany, etc.				
Financial (FY 2020)	<ul> <li>Net income : 118 million euros +48% YoY (approx. 14.6 billion yen*2)</li> <li>Chubu's consolidated contribution profit : 0.1billion yen*3</li> </ul>				

\*1 Electric power energy conversion \*2 125yen / Euro

\*3 One-time tax expense was incurred because an bill of corporate tax rate reduction was withdrawn in the Netherlands in 2020.

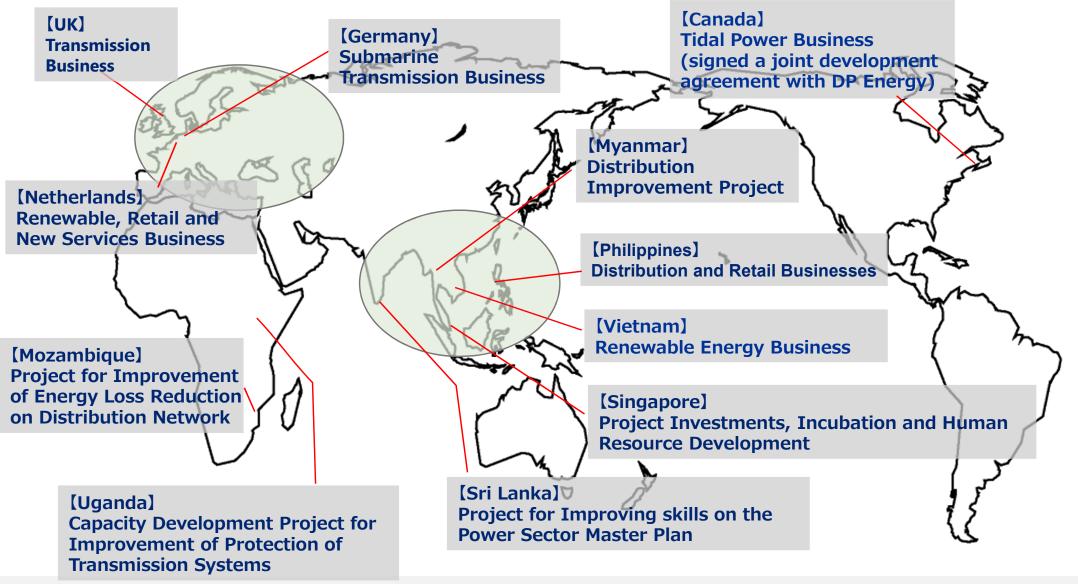
Eneco announced its goal of achieving net zero GHG emissions by 2035. we will return Eneco's efforts to our domestic business to create synergistic effects to realize our "Zero Emissions Challenge 2050".

Outline			Synergistic effects with Chubu	
Gas power	Existing facilities will be gradually converted to sustainable power sources or closed.		Dispatched employee Return on domestic business	Chubu dispatched 4 employees and provide O&M know-how to improve
Renewable energy	Increasing the equity capacity twofold to 3.2 GW by 2025 (1.7 GW as of end of 2020)			energy efficiency of Eneco. Chubu will build decarbonized
For customers	Conversion from gas-fired central heating boilers to heat pumps and hydrogen-boilers			society through Eneco's expertise of offshore wind and hydrogen technology.

## Expansion of Global Business <3>

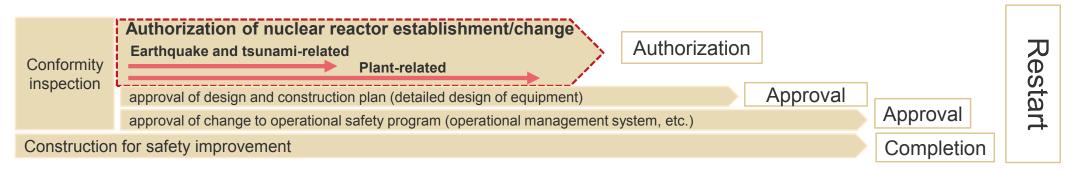


## **Current main investment projects and consulting projects**

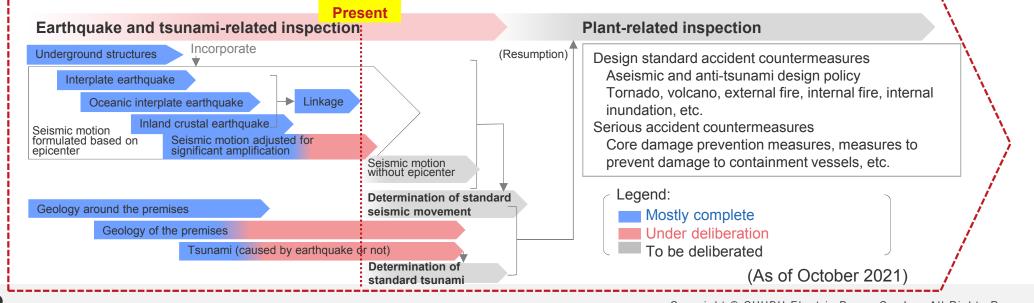


# Current status of the Hamaoka Nuclear Power Station

- Responding to the Inspection with New Regulatory Standards by the Nuclear Regulation Authority at the Hamaoka Nuclear Power Plant acting with the resolve never to repeat an accident similar to the Fukushima Daiichi Nuclear Power Station
- Promoting measures to enhance the safety at the Hamaoka Nuclear Power Plant after Determination of standard seismic movement and Tsunami



## Status of progress of inspection for Authorization of nuclear reactor establishment/change



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