

Presentation materials for IR meeting

May 11, 2020



Statements made in this overview of operations regarding Kyushu Electric Power's strategies and forecasts and other statements that are not historical facts are forward-looking statements based on management's assumptions and beliefs in light of information currently available, and should not be interpreted as promises or guarantees. Owing to various uncertainties, actual results may differ materially from these statements. Investors are hereby cautioned against making investment decisions solely on the basis of forward-looking statements contained herein.

(Note)

The English translation is for reference purposes only for the convenience of our English-speaking investors.

In case a difference arises regarding the meaning herein , the original Japanese version shall prevail.



Section1 Financial results for FY2019

Section2 Business Update



Section1 Financial results for FY2019

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Sales (Decrease), **Ordinary Income** (Decrease)

Consolidated Sales : **2,013.0** billion of yen (Decrease by **0.2%** Compared with FY2018)

Consolidated Ordinary Income : **40.0** billion of yen (Decrease by **23.8%** Compared with FY2018)

The Kyuden Group has been working in unity to thoroughly streamline business activities in order to improve its financial conditions and strengthening its financial foundations. By reducing electricity rates, establishing new price plans, strengthening the sales system we aim to expand our electricity sales volume and by participating in new overseas businesses we aim to further enhance our profit.

Compared to FY2018, ordinary income has decreased even though we have been making group-wide cost reduction efforts. Income declined because of decrease in revenue of lighting and power and reduced amount of power sold to other suppliers, due to low market prices in the domestic power business and increased depreciation costs as Matsuura Unit 2 has started operation. The Matsuura Unit 2 has led to a lower unit cost of thermal power generation, yet despite the decline in fuel costs, ordinary income decreased compared to the previous fiscal year.

Considering recent business performance and having carefully examined the possibility of recovering deferred tax assets, we decided to partially reverse deferred tax assets. This led to an increase in corporate taxes and to a loss of net income attributable to owners of parent 400 million yen.

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Rate of Change | FY2019 Consolidated Ratio |
|--|---------|---------|------------|----------------|---------------------------|
| Ordinary Revenues | 2,030.0 | 2,027.6 | 2.3 | 0.1 | |
| Sales [Figures are included above] | 2,013.0 | 2,017.1 | -4.1 | -0.2 | (1.11) |
| Ordinary Expenses | 1,989.9 | 1,975.0 | 14.8 | 0.8 | |
| (Operating Income) | (63.8) | (86.5) | (-22.7) | (-26.3) | |
| Ordinary Income | 40.0 | 52.5 | -12.4 | -23.8 | (3.78) |
| Net Income/Loss attributable to owners of the parent | -0.4 | 30.9 | -31.3 | — | |

Note: Consolidated subsidiaries: 47 companies (2 companies are added)
 Equity method companies: 39 companies (11 companies are added)

Sales decreased by 0.2% to ¥2,013.0 billion and ordinary revenues increased by 0.1% to ¥2,030.0 billion due to an increase of Other Revenues. There grant based on the Act on Purchase of Renewable Energy Sourced Electricity also increased, however there was a decrease in Sales as decrease of lighting and power and less power sold to other suppliers. The ICT services business also saw an increase in sales.

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Rate of Change |
|---|---------|---------|------------|----------------|
| Operating Revenues (Sales) | 2,013.0 | 2,017.1 | -4.1 | -0.2 |
| Other Revenues | 16.9 | 10.4 | 6.5 | 62.5 |
| (Share of profit of entities accounted for using the equity method) [Figures are included above] | (9.2) | (—) | (9.2) | (—) |
| Ordinary Revenues | 2,030.0 | 2,027.6 | 2.3 | 0.1 |

Ordinary expenses increased by 0.8% to ¥1,989.9 billion, despite group-wide cost reduction efforts and decrease in fuel costs achieved by a lower thermal power generation unit cost. These reduction in expenses were offset by increases in power purchase costs of renewable energy, depreciation costs, electricity procurement expenses of a consolidated subsidiary and in addition an increase in expenses of ICT services business.

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Rate of Change |
|---|---------|---------|------------|----------------|
| Operating Expenses | 1,949.2 | 1,930.6 | 18.6 | 1.0 |
| Other Expenses | 40.7 | 44.4 | -3.7 | -8.4 |
| (Share of loss of entities accounted for using the equity method) [Figures are included above] | (—) | (2.8) | -2.8 | (—) |
| Ordinary Expenses | 1,989.9 | 1,975.0 | 14.8 | 0.8 |

1 (3) Ordinary Income/Net Income Attributable to Owners of the Parent

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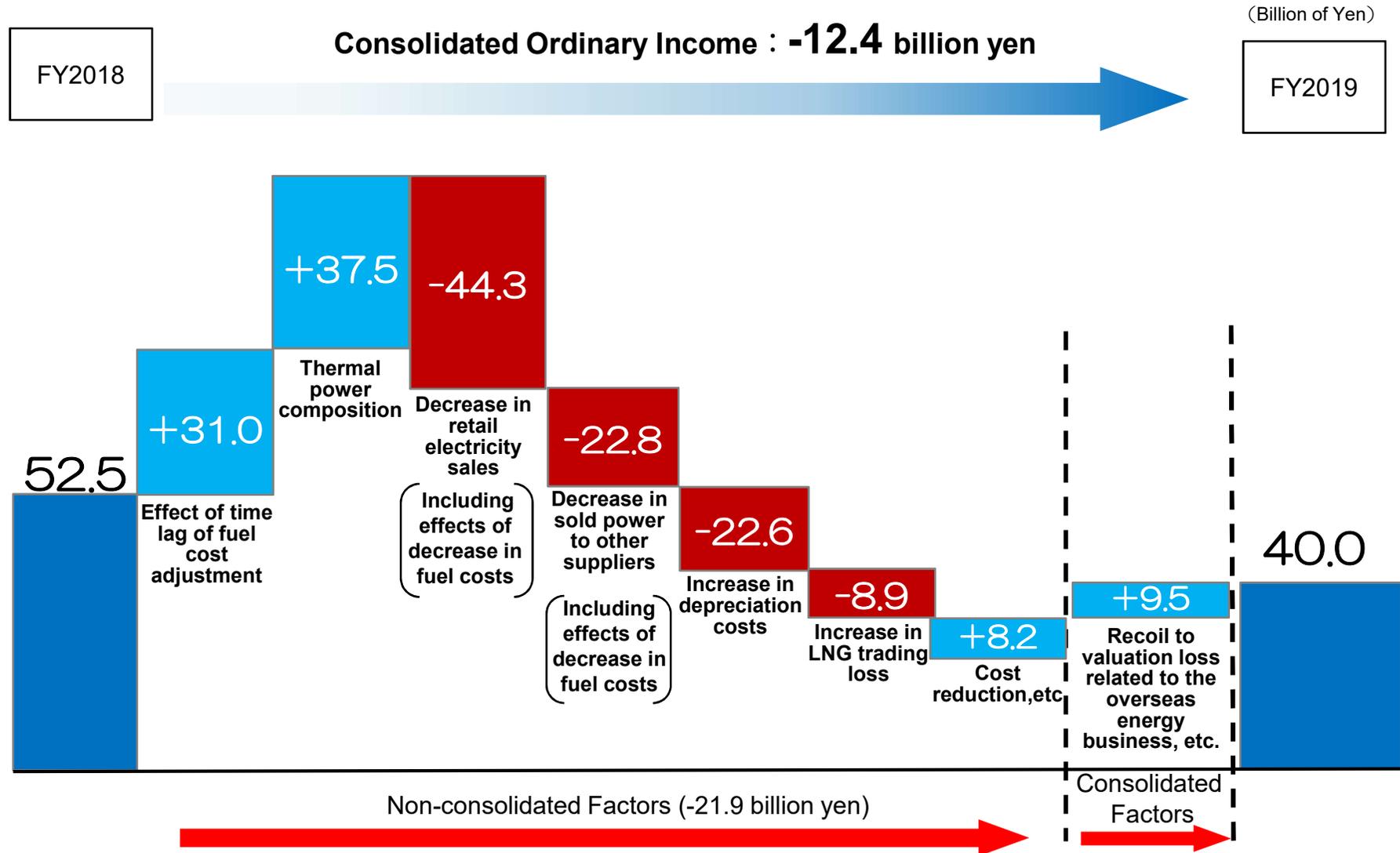
Ordinary Income decreased by 23.8% to ¥40.0 billion.

Net Income Attributable to owners of the parent was a loss of ¥0.4 billion partially due to the draw down of deferred tax assets, causing deferred income taxes to rise.

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Rate of Change |
|---|--------|--------|------------|----------------|
| Ordinary Income | 40.0 | 52.5 | -12.4 | -23.8 |
| Provision for Reserve for Fluctuation in Water Levels | - 0.1 | 0.2 | - 0.3 | — |
| Income Before Income Taxes | 40.1 | 52.2 | -12.1 | -23.2 |
| Income Taxes | 38.5 | 19.7 | 18.8 | 95.2 |
| Net Income Attributable to Non-controlling Interests | 1.9 | 1.5 | 0.4 | 30.2 |
| Net Income/Loss Attributable to Owners of the Parent | -0.4 | 30.9 | -31.3 | — |

1 (4) Major Factors Affecting Ordinary Income (Consolidated)



(Consolidated ordinary income excluding effect of time lag around 68.5)

(Consolidated ordinary income excluding effect of time lag around 25.0)

(Billion of Yen)

| | | | FY2019 | | FY2018 | | Difference | |
|---------------------------------------|----------------------------------|------------------|-----------|---------|-----------|---------|------------|-------|
| Energy services businesses | Japanese electric power business | Sales | (1,844.3) | 1,848.3 | (1,854.7) | 1,858.8 | (-10.4) | -10.4 |
| | | Operating Income | | 42.4 | | 64.8 | | -22.3 |
| | Other energy services businesses | Sales | (74.1) | 193.9 | (73.0) | 203.2 | (1.0) | -9.3 |
| | | Operating Income | | 11.4 | | 11.6 | | -0.2 |
| ICT services businesses | Sales | (81.0) | 112.6 | (73.3) | 105.4 | (7.6) | 7.2 | |
| | Operating Income | | 6.2 | | 4.8 | | 1.3 | |
| Other businesses | Sales | (13.5) | 28.8 | (16.0) | 29.5 | (-2.4) | -0.6 | |
| | Operating Income | | 4.8 | | 6.0 | | -1.1 | |
| Inter-segment transactions eliminated | Sales | | -170.8 | | -179.8 | | 9.0 | |
| | Operating Income | | -1.2 | | -0.7 | | -0.4 | |
| Total | Sales | | 2,013.0 | | 2,017.1 | | -4.1 | |
| | Operating Income | | 63.8 | | 86.5 | | -22.7 | |

Note1: The above amounts represent figures prior to elimination of transactions among segments.

Note2: Figures in () represent sales excluding transactions among group companies.

Note3: Our segment classification was changed from FY2019 1Q

Sales : **1,848.3 billion of yen** (Decrease by **0.6%** Compared with FY2018)
Operating Income : **42.4 billion of yen** (Decrease by **34.5%** Compared with FY2018)

Sales decreased by 0.6% to ¥1,848.3 billion, because electricity sales and power sold to other suppliers decreased. The grant based on the Act on Purchase of Renewable Energy Sourced Electricity has increased however.

Operating Expenses increased by 0.7% to ¥1,805.9 billion, despite group-wide cost reduction efforts and decrease in fuel costs achieved by a lower thermal power generation unit cost. These reduction in expenses were offset by increases in power purchase costs of renewable energy, depreciation costs, and electricity procurement expenses of a consolidated subsidiary.

As a result, operating income decreased by 34.5% to ¥42.4 billion.

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Rate of Change |
|--------------------|---------|---------|------------|----------------|
| Sales | 1,848.3 | 1,858.8 | -10.4 | -0.6 |
| Operating Expenses | 1,805.9 | 1,793.9 | 11.9 | 0.7 |
| Operating Income | 42.4 | 64.8 | -22.3 | -34.5 |

Consolidated retail electricity sales volume increased by 0.6% to 73.2 billion kWh compared to FY2018, due to an increase of contracts sold by Kyuden Mirai Energy Company in the Kanto region. Although non-consolidated retail electricity sales volume decreased due to unseasonable weather in summer and higher than normal temperatures. Consolidated wholesale sales volume decreased by 4.4% to 7.5 billion kWh. As a result, total Consolidated sales volume increased by 0.1% to 80.7 billion kWh.

【Consolidated electricity sales volume】

(Billion kWh,%)

| | FY2019 | FY2018 | Difference | Ratio |
|-----------|--------|--------|------------|-------|
| Retail | 73.21 | 72.74 | 0.47 | 100.6 |
| Wholesale | 7.51 | 7.85 | -0.34 | 95.6 |
| Total | 80.71 | 80.59 | 0.12 | 100.1 |

【Non-Consolidated electricity sales volume】

(Billion kWh,%)

| | FY2019 | FY2018 | Difference | Ratio |
|-----------|--------|--------|------------|-------|
| Retail | 70.40 | 72.22 | -1.82 | 97.5 |
| Wholesale | 7.51 | 7.85 | -0.34 | 95.6 |
| Total | 77.90 | 80.07 | -2.17 | 97.3 |

Note1: Some rounding errors may be observed.

Note2: Consolidated electricity sales volume represents sales volume of our company and a consolidated subsidiary (Kyuden Mirai Energy Company, Incorporated).

The electricity supply has been stable, which is the result of a stable operation of 4 nuclear power units, a comprehensive operation such as thermal power and water pumping, and the implementation of renewable energy output control based on government rules.

【 Non-Consolidated】

(Billion kWh,%)

| | | FY2019 | FY2018 | Difference | Ratio |
|---|-----------------------|---------|---------|------------|---------|
| Own facilities *1 | Hydro | 4.81 | 5.10 | -0.29 | 94.3 |
| | (Water flow rate) | (94.6) | (100.2) | (-5.6) | |
| | Thermal | 25.89 | 26.53 | -0.64 | 97.6 |
| | Nuclear | 28.67 | 28.81 | -0.14 | 99.5 |
| | (Utilization rate) *2 | (82.0) | (73.1) | (8.9) | |
| | New Energy etc | 1.05 | 1.04 | 0.01 | 101.0 |
| | Subtotal | 60.41 | 61.48 | -1.07 | 98.3 |
| Other companies *3 | | 16.19 | 16.40 | -0.21 | 98.7 |
| (New Energy etc. [Figures are included above]) | | (12.62) | (11.32) | (1.30) | (111.5) |
| Interchange*3 | | -0.09 | -0.10 | 0.01 | 90.0 |
| For pumping | | -2.23 | -2.03 | -0.20 | 109.5 |
| T o t a l | | 74.29 | 75.74 | -1.45 | 98.1 |

Note: Some rounding errors may be observed.

*1 Own facilities' generation means transmission-end number.

*2 Utilization rate of nuclear power in FY2018 is calculated based on 5 units. On April 9, 2019, unit No.2 of Genkai nuclear power station was decommissioned.

*3 "From other companies & Interchange" includes the volume of electricity recognized as of the end of fiscal year.

(Reference) Ratio of Generated and Received Electricity

(%)

| | FY2019 | FY2018 | Difference |
|--------------------|--------|--------|------------|
| Nuclear Power | 38.6 | 38.0 | 0.6 |
| Renewable Energy * | 24.8 | 23.2 | 1.6 |

* "Renewable Energy" represents a total of Solar, Wind, Biomass, Waste, Geothermal and Hydro (excluding "For pumping") generated by facilities of our own and other companies.

Crude Oil CIF Price and Exchange Rate

| | FY2019 | FY2018 | Difference |
|---------------------|---------|---------|------------|
| Crude Oil CIF Price | 68\$/b | 72\$/b | -4\$/b |
| Exchange Rate | 109¥/\$ | 111¥/\$ | -2¥/\$ |

(Reference)[Non-Consolidated]Income Statement

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(Billion of Yen,%)

| | | FY2019 | FY2018 | Difference | Ratio | Explanations |
|---------------------|--|-----------|-----------|------------|--------|---|
| Ordinary Revenues | Lighting | 574.3 | 613.1 | -38.7 | 93.7 | Decrease in electricity sales volume -30.5 Unit price difference -27.0(Effect of fuel adjustment -2.3) |
| | Power | 736.8 | 757.0 | -20.1 | 97.3 | Renewable Energy Power Promotion Surcharge -1.3(180.1←181.4)* |
| | (Sub Total) | (1,311.1) | (1,370.1) | (-58.9) | (95.7) | |
| | Sold power to other utilities and other suppliers | 53.0 | 78.1 | -25.1 | 67.9 | Sold power to other suppliers -25.3 |
| | Other | 462.8 | 426.0 | 36.7 | 108.6 | Grant based on the Act on Purchase of Renewable Energy Sourced Electricity 33.6(350.5←316.9)* |
| | (Sales) | (1,818.0) | (1,867.1) | (-49.0) | (97.4) | |
| Total | | 1,827.1 | 1,874.4 | -47.3 | 97.5 | |
| Ordinary Expenses | Labor | 137.9 | 141.0 | -3.1 | 97.8 | |
| | Fuel | 190.3 | 241.7 | -51.4 | 78.7 | Thermal power composition -37.5 Difference in CIF/rate -17.5 Decrease in retail -11.0 Decrease in Thermal from other suppliers 12.0 |
| | Purchased power from other utilities and other suppliers | 527.3 | 511.1 | 16.2 | 103.2 | Purchased power from other suppliers 16.1 (Figures are included above : Purchase of Renewable Energy Sourced Electricity 29.5(421.0←391.4)* |
| | Maintenance | 151.2 | 161.9 | -10.7 | 93.4 | |
| | Depreciation | 201.6 | 179.0 | 22.6 | 112.6 | unit 2 of Matsuura 25.4 |
| | Interest | 23.4 | 26.6 | -3.1 | 88.2 | |
| | Tax and public dues | 87.5 | 89.0 | -1.5 | 98.3 | |
| | Nuclear back-end | 69.1 | 70.3 | -1.1 | 98.4 | |
| | Other | 427.7 | 420.9 | 6.8 | 101.6 | Miscellaneous cost 10.1(Loss of LNG trading 8.9(18.1←9.2)) Disposition of property -3.3 Levy based on the Act on Purchase of Renewable Energy Sourced Electricity -1.3(180.1←181.4)* |
| Total | | 1,816.5 | 1,841.9 | -25.3 | 98.6 | |
| (Operating Income) | | (34.4) | (60.6) | (-26.2) | (56.7) | |
| Ordinary Income | | 10.5 | 32.5 | -21.9 | 32.6 | |

* The underlined parts are related to Feed-in Tariff Power purchase and sale system of renewable energy

Sales : 193.9 billion of yen (Decrease by 4.6% Compared with FY2018)
Operating Income : 11.4 billion of yen (Decrease by 1.8% Compared with FY2018)

Sales decreased by 4.6% to ¥193.9 billion and operating income decreased by 1.8% to ¥11.4 billion compared to FY2018, due to a decrease in construction and repair work of plants and a decrease in sales of LNG, despite an increase in replacement work of electrical measuring equipment.

(Billion of Yen, %)

| | FY2019 | FY2018 | Difference | Rate of Change |
|--------------------|--------|--------|------------|----------------|
| Sales | 193.9 | 203.2 | -9.3 | -4.6 |
| Operating Expenses | 182.5 | 191.6 | -9.1 | -4.8 |
| Operating Income | 11.4 | 11.6 | -0.2 | -1.8 |

[Other Energy Services Businesses]

Stable energy supply business as construction and maintenance of electrical equipment, Sales of gas and LNG business, Renewable energy business, Overseas business, etc.

Sales :112.6 billion of yen (Increase by 6.9% Compared with FY2018)

Operating Income : 6.2 billion of yen (Increase by 28.7% Compared with FY2018)

Sales increased by 6.9% to ¥112.6 billion and operating income increased by 28.7% to ¥6.2 billion compared to FY2018, due to an increase in information system development contracts and an increased sales of information system devices.

(Billion of Yen, %)

| | FY2019 | FY2018 | Difference | Rate of Change |
|--------------------|--------|--------|------------|----------------|
| Sales | 112.6 | 105.4 | 7.2 | 6.9 |
| Operating Expenses | 106.4 | 100.5 | 5.8 | 5.8 |
| Operating Income | 6.2 | 4.8 | 1.3 | 28.7 |

[ICT Services Businesses]

Data communications business, Optical broadband service business, Telecommunications construction/ maintenance business, Developments for information system business, Data centers business, etc.

Sales :28.8 billion of yen (Decrease by 2.2% Compared with FY2018)
Operating Income : 4.8 billion of yen (Decrease by 19.8% Compared with FY2018)

Sales decreased by 2.2% to ¥28.8 billion and operating income decreased by 19.8% to ¥4.8 billion compared to FY2018, due to a decrease in revenue related to real estate sales.

(Billion of Yen, %)

| | FY2019 | FY2018 | Difference | Rate of Change |
|--------------------|--------|--------|------------|----------------|
| Sales | 28.8 | 29.5 | -0.6 | -2.2 |
| Operating Expenses | 24.0 | 23.4 | 0.5 | 2.3 |
| Operating Income | 4.8 | 6.0 | -1.1 | -19.8 |

[Other Businesses]

Real estate business, Paid nursing home business, etc.

Assets increased by ¥154.0 billion to ¥4,948.0 billion compared to the end of FY2018 due to an increase of non-current assets because of constructions to improve the safety of the nuclear power stations.

Liabilities increased by ¥181.3 billion to ¥4,310.1 billion compared to the end of FY2018 due to an increase of interest-bearing debt.

Equity decreased by ¥27.2 billion to ¥637.9 billion compared to the end of FY2018, due to payment of dividends. As a result, shareholders' equity ratio is 12.3%.

(Billion of Yen)

| | Mar.31,2020 | Mar.31,2019 | Difference |
|---|-------------|-------------|------------|
| Assets | 4,948.0 | 4,794.0 | 154.0 |
| Liabilities | 4,310.1 | 4,128.7 | 181.3 |
| (Interest-bearing Debt) [Figures are included above] | (3,406.2) | (3,223.1) | (183.1) |
| Equity | 637.9 | 665.2 | -27.2 |
| Equity Ratio (%) | 12.3 | 13.3 | -0.9 |

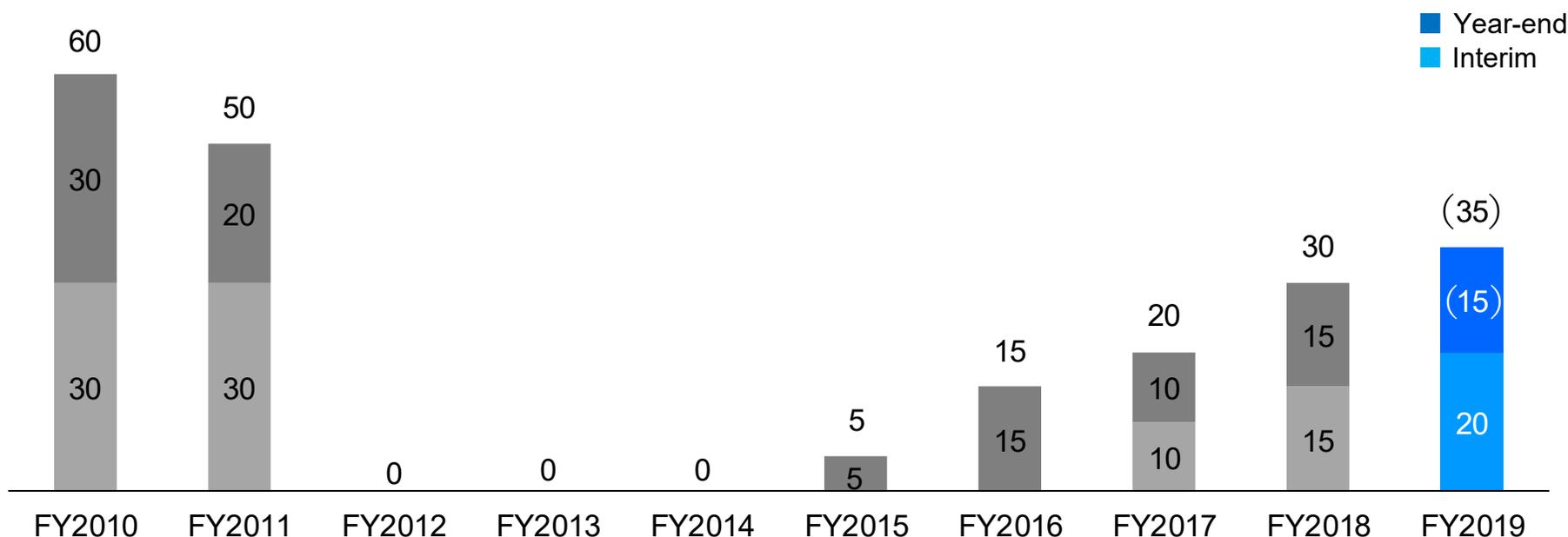
As for the year-end dividends for FY2019, based on a comprehensive analysis of operating forecasts and medium to long-term balance situation and financial and other factors, we plan to pay a dividend of ¥15 per common.

As for the class A preferred share, we plan to pay a dividend of a total amount of ¥1.05 billion (¥ 1,052,877per share).

[Changes in a dividend per share (Common Stock)]

(Unit : Yen)

Total Dividend for FY2019 : 35 yen



Note: Year-end dividends for the FY2019 will be officially determined by the approval at the 96th Regular General Meeting of Stockholders to be held on June 25, 2020.

As a result of the unpredictable effects of the Corona virus and the impact on electricity sales volume, both Sales and Ordinary Income for the fiscal year 2020 (ending March 2021) has not been decided yet.

We will inform you as soon as a reliable forecast becomes possible.

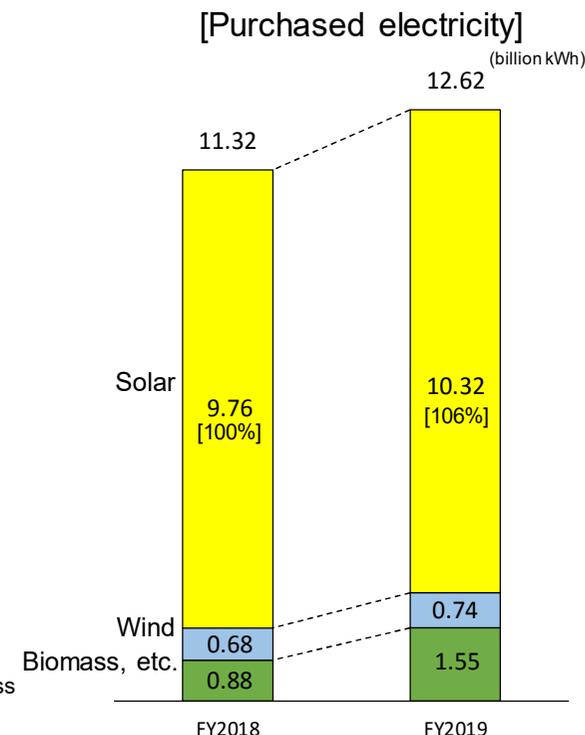
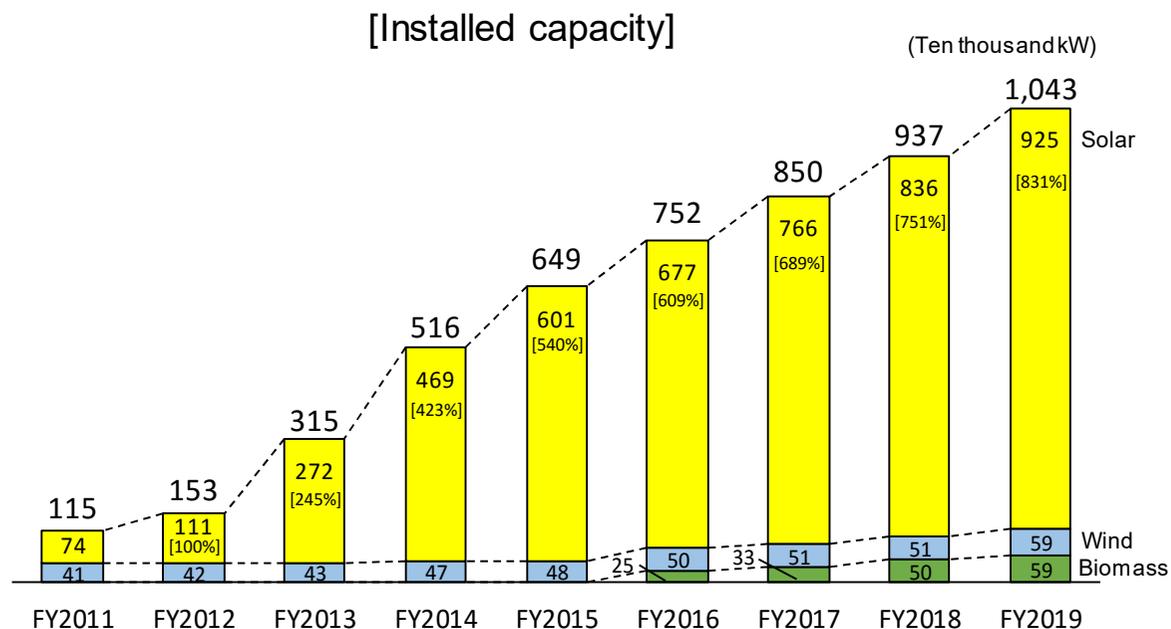
(Financial impact of revised depreciation method, as announced on March 31, 2020)

From FY2020 the depreciation method for property, plant and equipment has been changed from a declining-balance method to a straight-line method. As a result of this change, we expect expenses to decrease by around ¥58.0 billion.

As for forecasts of dividends for FY2020, both common shares and class A preferred shares have not been decided yet, as it is difficult to predict the impact of the Corona virus on electricity sales volume. We will continue to make efforts to maintain a certain level of dividends.

We will inform you as soon as reliable forecasts become possible.

[Power purchase contract amounts]



Note 1: These figures represent total installed capacity based on power purchase contracts with other companies. (excluding our own facilities)

Note 2: Biomass facilities are listed from FY2016.

Transition of Renewable Energy Power Promotion Surcharge

| | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Surcharge (Yen/kWh) | 0.22 | 0.35 | 0.75 | 1.58 | 2.25 | 2.64 | 2.90 | 2.95 |
| Price per household (Yen/Month) | 55 | 87 | 187 | 395 | 562 | 660 | 725 | 737 |

Note 1: Meter rate: Lighting B, Contract Current 30A, Monthly use of 250kWh

Note 2: Feed-in tariff has been enforced since July 2012 (and a surcharge on electricity rate has started in August 2012).

Note 3: Renewable energy power promotion surcharge in FY2019 is applied from May 2019.

| | FY2018 | FY2019 |
|--|--------|--------|
| Ratio of Purchased Power to Generated and Received Electricity | 14.9% | 17.0% |

(Reference) Ratio of Renewable Energy* to Generated and Received Electricity

| | FY2018 | FY2019 |
|---|--------|--------|
| Total Renewable Energy Generated by Facilities of Our Own and Other Companies | 23.2% | 24.8% |

* "Renewable Energy" represents a total of Solar, Wind, Biomass, Waste, Geothermal and Hydro (excluding "For pumping") generated by facilities of our own and other companies.

(Billion of Yen)

| | | FY2019 | FY2018 | Difference |
|----------------------------|---|--------|--------|------------|
| Energy services businesses | Japanese electric power business | 16.5 | 33.4 | -16.8 |
| | Other energy services businesses | 17.0 | 6.5 | 10.5 |
| | (Overseas businesses) [Figures are included above] | (4.3) | (-6.1) | (10.4) |
| ICT services businesses | | 3.9 | 4.8 | -0.8 |
| Other businesses | | 4.6 | 8.1 | -3.5 |

Note: The above amounts represent figures prior to elimination of transactions among segments.

Consolidated

(Billion of Yen)

| | FY2019 | FY2018 | Difference | Explanations |
|---|----------|----------|------------|---|
| Cash flows from operating activities (A) | 226.8 | 283.0 | -56.1 | Decrease in revenue of lighting and power -43.7 Increase in spent fuel reprocessing contribution -33.7 Decrease in sold power to other suppliers -27.1 Decrease in expenditures of fuel 87.9 |
| Cash flows from investing activities (B) | -424.6 | -364.3 | -60.2 | Increase in expenditures of investment -31.2 |
| (Capital investment) [Figures are included above] | (-425.0) | (-377.4) | (-47.6) | |
| Cash flows from financing activities | 157.9 | -40.7 | 198.7 | Increase in commercial paper issuance 92.0 Increase in long-term loans payable 70.9 Increase in bond issuance 49.8 |
| Change in cash & cash equivalents | -39.7 | -120.6 | 80.8 | |

【Reference】

| | | | |
|----------------------------------|--------|-------|--------|
| Free cash flows (A) + (B) | -197.7 | -81.3 | -116.4 |
|----------------------------------|--------|-------|--------|

(Reference) Data

Revenues from Lighting and Power

Non-consolidated

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Ratio |
|--------------------|---------|---------|------------|-------|
| Lighting and Power | 1,311.1 | 1,370.1 | -58.9 | 95.7 |

| | Difference | FY2019 | FY2018 |
|---|------------|-------------------|--------|
| 1. Decrease in electricity sales volume | -30.5 | | |
| 2. Unit price difference | -27.0 | | |
| 3. Renewable Energy Power Promotion Surcharge | -1.3 | (180.1 ← 181.4) | |

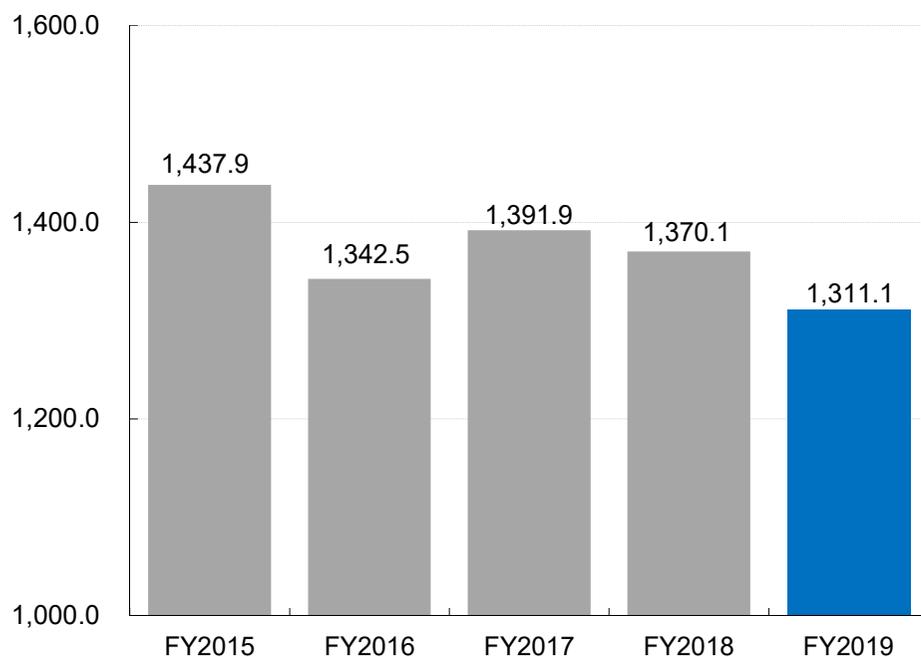
【Reference 1】 Electricity sales volume

(Billion kWh)

| | FY2019 | FY2018 | Comparison with the previous year | |
|----------|--------|--------|-----------------------------------|-------------|
| | | | Difference | Growth rate |
| Lighting | 25.0 | 26.5 | -1.5 | -5.6% |
| Power | 45.4 | 45.7 | -0.3 | -0.7% |
| Total | 70.4 | 72.2 | -1.8 | -2.5% |

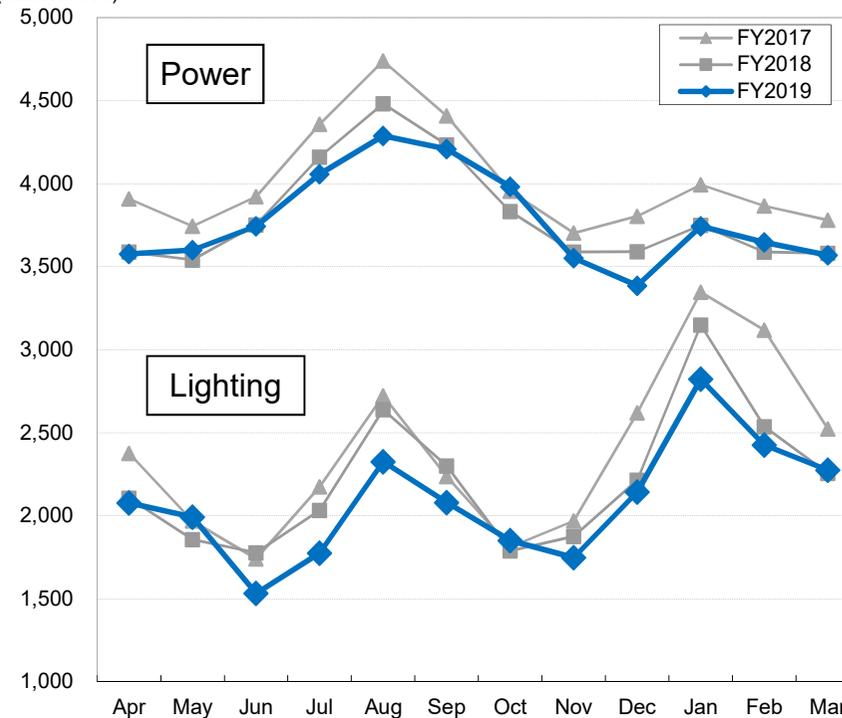
(Billion of Yen)

【Lighting and Power】



【Reference 2】 Changes in electricity sales volume

(Million kWh)



Revenues from Sold power to other utilities and other suppliers and from Others

24

Non-consolidated

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Ratio |
|---|--------|--------|------------|-------|
| Sold power to other utilities and other suppliers | 53.0 | 78.1 | -25.1 | 67.9 |

Difference FY2019 FY2018

1. Sold power to other suppliers -25.3 (51.8 ← 77.1)

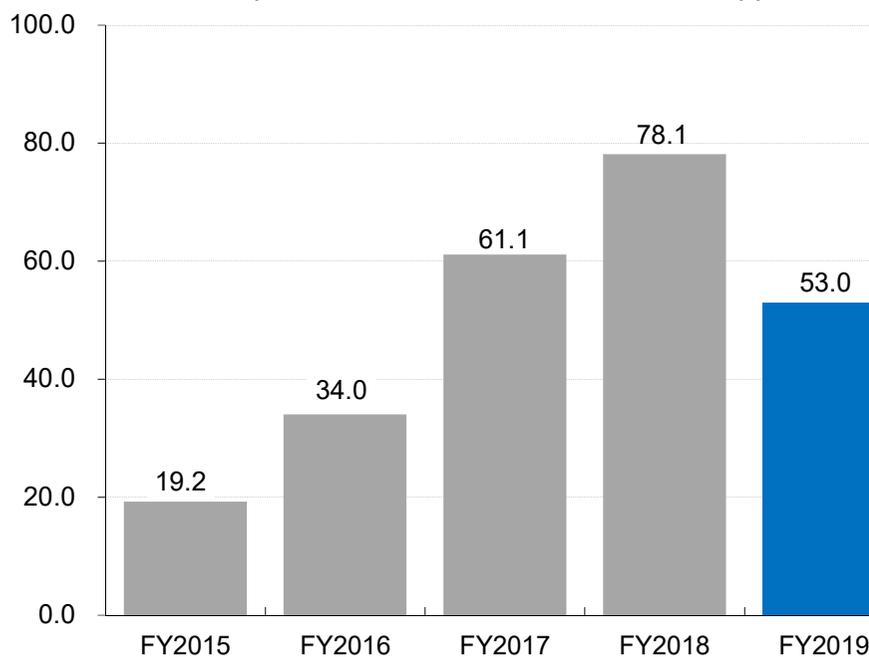
(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Ratio |
|--------|--------|--------|------------|-------|
| Others | 462.8 | 426.0 | 36.7 | 108.6 |

Difference FY2019 FY2018

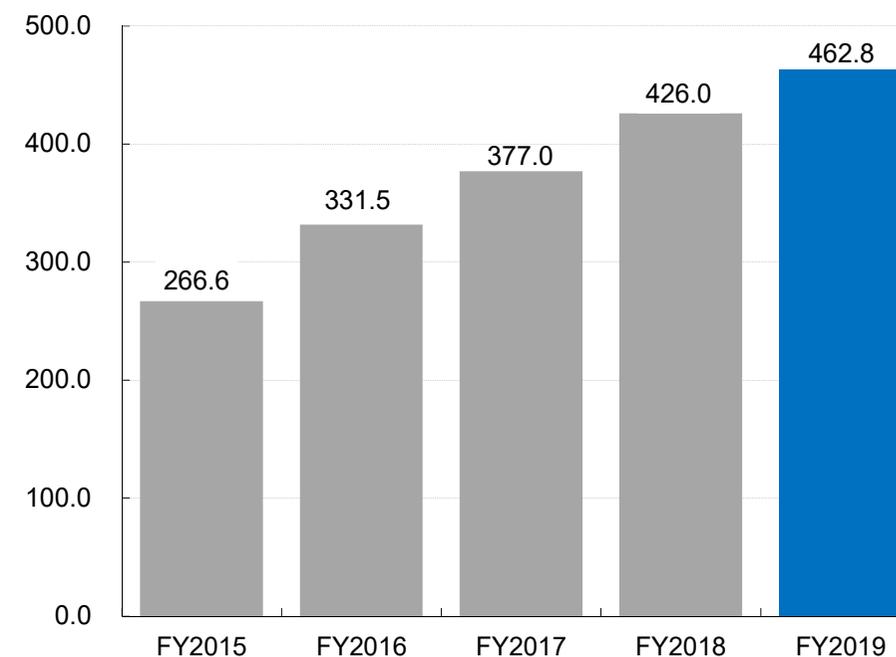
1. Grant based on the Act on Purchase of Renewable Energy Sourced Electricity 33.6 (350.5 ← 316.9)

(Billion of Yen) 【Sold power to other utilities and other suppliers】



(Billion of Yen)

【Others】



Expenses for Fuel and Purchased power from other utilities and other suppliers

25

Non-consolidated

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Ratio |
|---|--------|---|------------|-------|
| Fuel | 190.3 | 241.7 | -51.4 | 78.7 |
| Difference | | Difference | | |
| 1. Thermal power generation constitution difference | -37.5 | 3. Decrease in electricity sales volume | -11.0 | |
| 2. Decrease in CIF and exchange gains | -17.5 | 4. Decrease in thermal from other companies | 12.0 | |

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Ratio |
|--|--------|-------------------|------------|-------|
| Purchased power from other utilities and other suppliers | 527.3 | 511.1 | 16.2 | 103.2 |
| Difference | | FY2019 | FY2018 | |
| 1. Purchased power from other suppliers | 16.1 | (526.4 ← 510.2) | | |
| ◆ Purchase of Renewable Energy Sourced Electricity | 29.5 | (421.0 ← 391.4) | | |
| ◆ Thermal from other suppliers | -14.8 | (89.0 ← 103.9) | | |

【Reference1】 All Japan CIF prices

| | FY2019 | FY2018 | Difference |
|------------------|--------|--------|------------|
| Coal (\$/t) | 102 | 121 | -18 |
| LNG (\$/t) | 492 | 545 | -53 |
| Crude oil (\$/b) | 68 | 72 | -4 |

【Reference2】 Fuel consumption

| | FY2019 | FY2018 | Difference |
|------------------------------------|--------|--------|------------|
| Coal (ten thousand ton) | 659 | 498 | 161 |
| Heavy oil (ten thousand kiloliter) | — | 1 | -1 |
| Crude oil (ten thousand kiloliter) | — | — | — |
| LNG (ten thousand ton) | 107 | 191 | -84 |

【Reference3】 Received electricity from other suppliers (Million kWh)

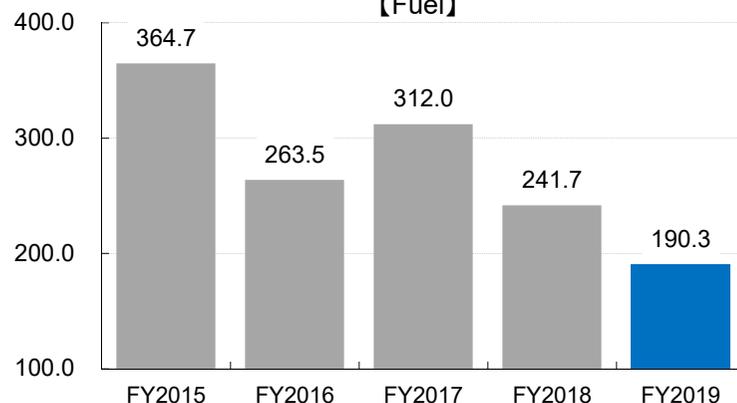
| | FY2019 | FY2018 | Difference |
|---------------------|--------|--------|------------|
| Hydro | 1,454 | 1,516 | -62 |
| Thermal *1 | 2,123 | 3,567 | -1,444 |
| New Energy, etc. *2 | 12,616 | 11,319 | 1,297 |
| Total | 16,192 | 16,402 | -210 |

*1 These amounts represent figures as a result of offsetting transmission electricity to other suppliers.

*2 "New Energy etc." includes Solar, Wind, Biomass, Waste and Geothermal.

(Billion of Yen)

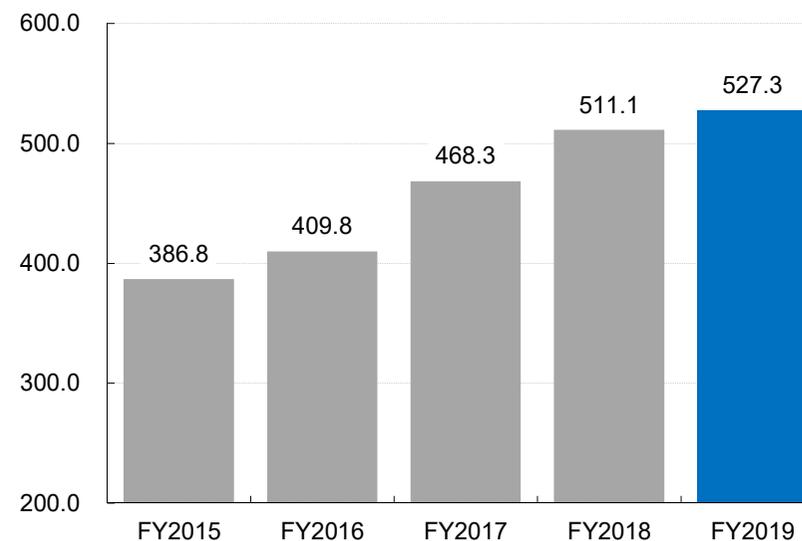
【Fuel】



| | | | | | |
|-------------------------------------|-------|-------|-------|-------|------|
| Water Flow Rate (%) | 111.4 | 115.0 | 101.2 | 100.2 | 94.6 |
| Nuclear Power Utilization Rate* (%) | 20.7 | 31.9 | 36.7 | 73.1 | 82.0 |

* Utilization rate of nuclear power in FY2015 - FY2018 is calculated based on 5 units. On April 9, 2019, unit No.2 of Genkai nuclear power station was decommissioned.

(Billion of Yen) 【Purchased power from other utilities and other suppliers】



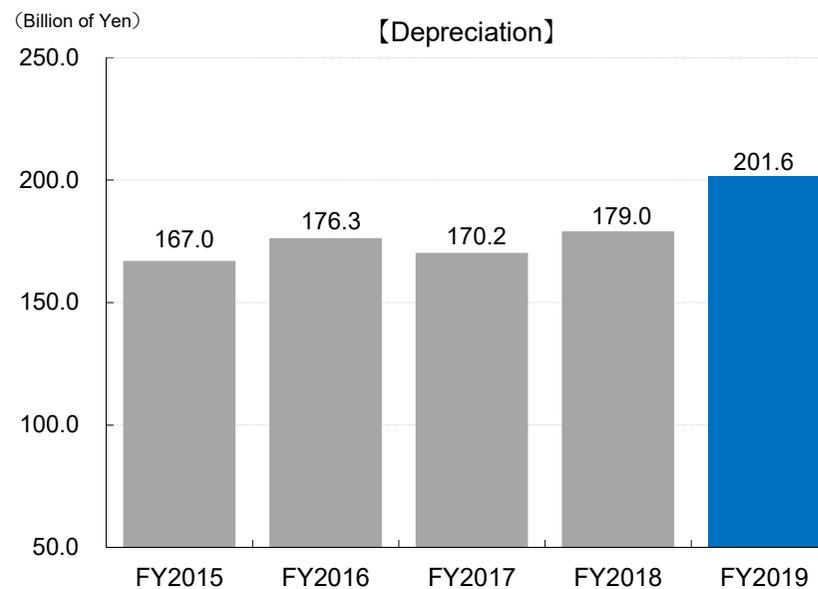
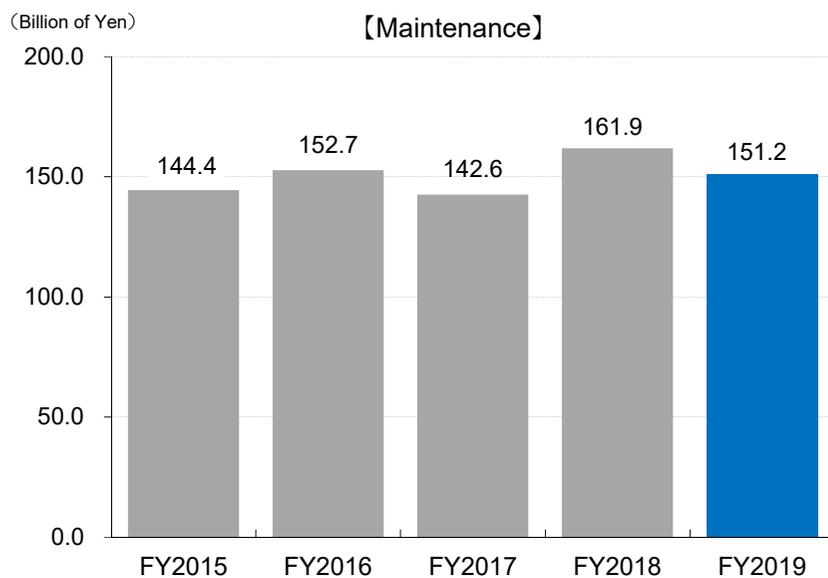
Non-consolidated

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Ratio |
|------------------|--------|--------|------------|-----------------|
| Maintenance | 151.2 | 161.9 | -10.7 | 93.4 |
| | | | Difference | FY2019 |
| 1.Thermal | | | -8.4 | (19.3 ← 27.8) |
| 2.Distribution | | | -4.8 | (45.7 ← 50.6) |
| 3.Transmission | | | -3.9 | (8.0 ← 12.0) |
| 4.Transformation | | | -1.5 | (4.3 ← 5.9) |
| 5.Nuclear | | | 8.6 | (58.6 ← 50.0) |

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Ratio |
|-----------------------------------|--------|--------|------------|-----------------|
| Depreciation | 201.6 | 179.0 | 22.6 | 112.6 |
| | | | Difference | FY2019 |
| 1. Thermal | | | 24.0 | (44.8 ← 20.8) |
| ◆ unit 2 of Matsuura | | | 25.4 | (25.4 ← -) |
| 【Reference】 trial runs start date | | | 2019. 6. 1 | |
| commercial operation start date | | | 2019.12.20 | |



Expenses for Labor and Others

Non-consolidated

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Ratio |
|-------|--------|--------|------------|-------|
| Labor | 137.9 | 141.0 | -3.1 | 97.8 |

(Billion of Yen,%)

| | FY2019 | FY2018 | Difference | Ratio |
|--------|--------|--------|------------|-------|
| Others | 607.9 | 606.8 | 1.0 | 100.2 |

Difference FY2019 FY2018

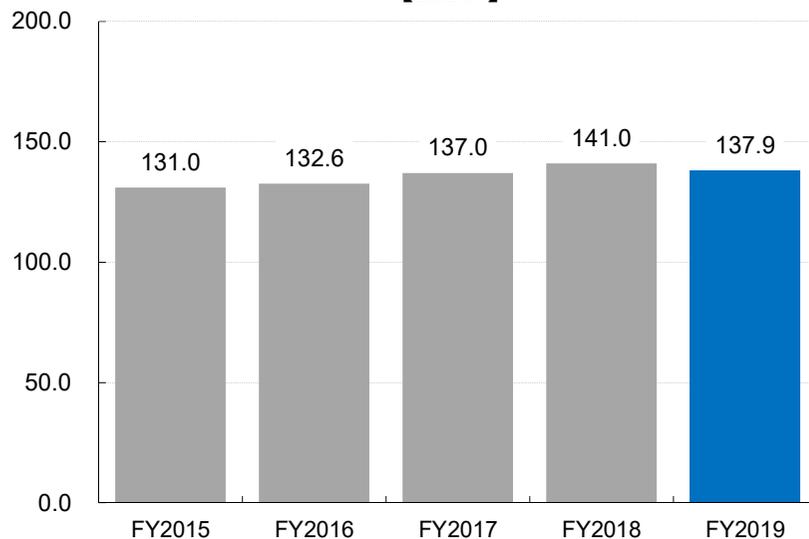
| | | |
|---------------------------------|------|-----------------|
| 1. Salary | -3.8 | (95.9 ← 99.8) |
| 2. Welfare expense | -0.5 | (19.0 ← 19.5) |
| 3. Employee retirement benefits | 1.8 | (16.8 ← 14.9) |

Difference FY2019 FY2018

| | | |
|----------------------------|------|-------------------|
| 1. Miscellaneous cost | 10.1 | (182.6 ← 172.5) |
| ◆ Loss of LNG trading | 8.9 | (18.1 ← 9.2) |
| 2. Disposition of property | -3.3 | (14.4 ← 17.7) |
| 3. Interest | -3.1 | (23.4 ← 26.6) |
| 4. Miscellaneous loss | -2.1 | (5.1 ← 7.2) |

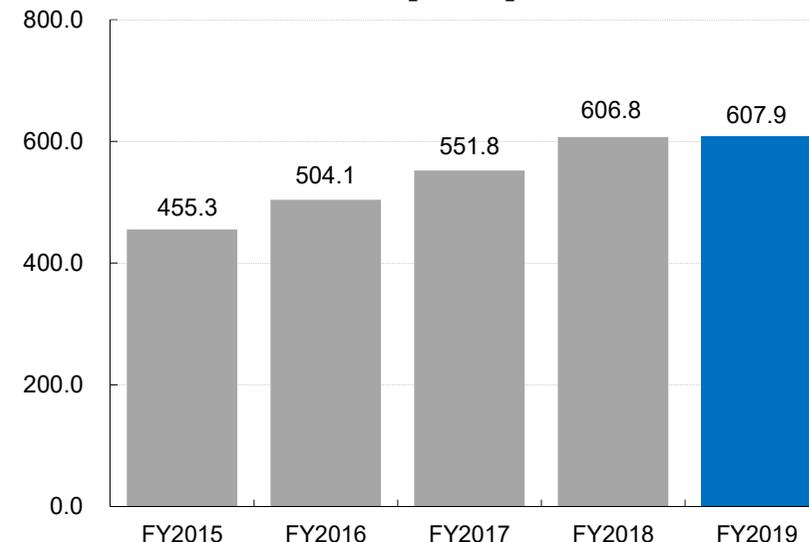
(Billion of Yen)

【Labor】

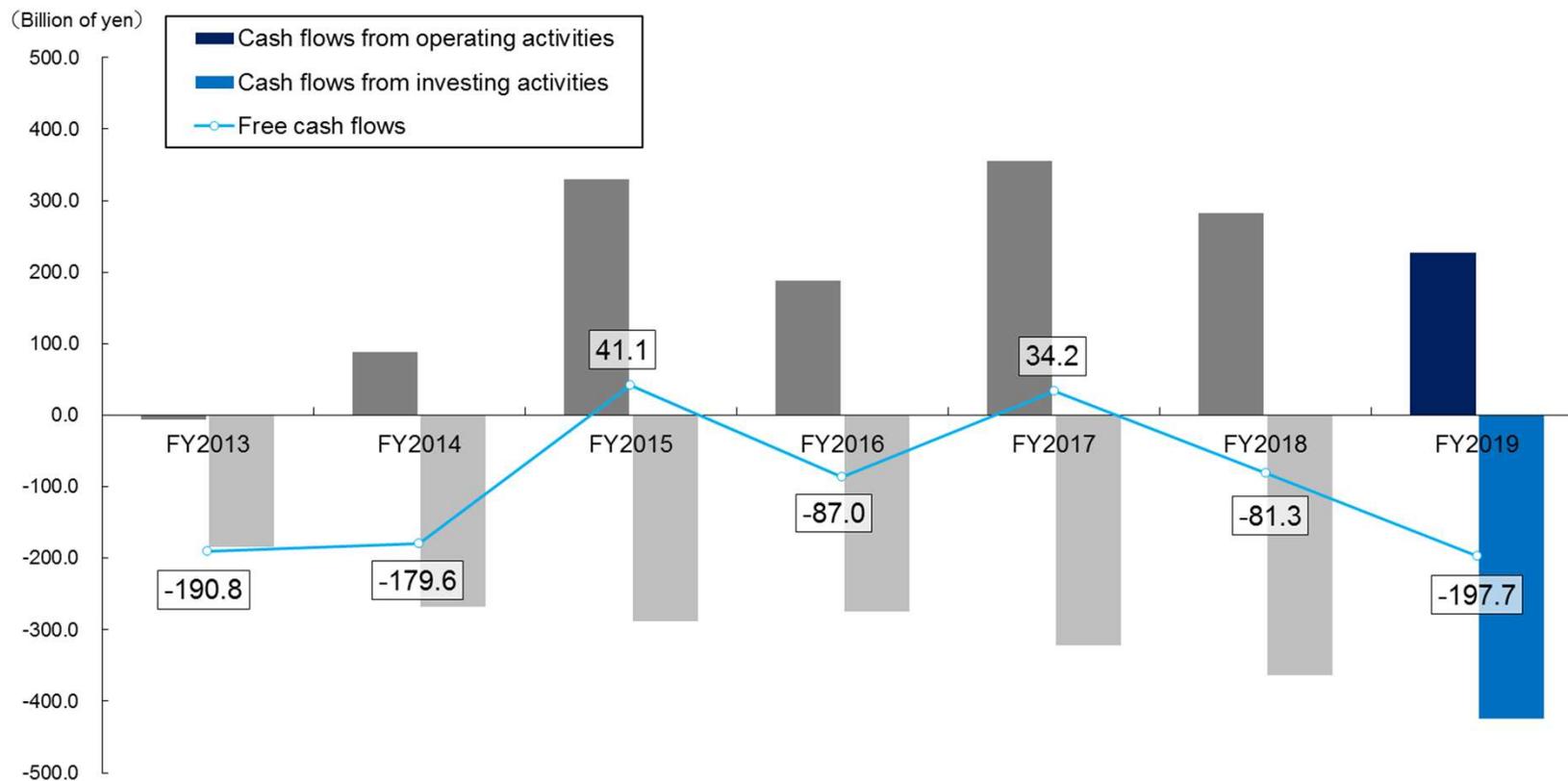


(Billion of Yen)

【Others】



Consolidated



(Billion of yen)

| | | | | | | | |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| Cash flows from operating activities | -5.9 | 88.7 | 329.4 | 188.0 | 355.9 | 283.0 | 226.8 |
| Cash flows from investing activities | -184.9 | -268.4 | -288.3 | -275.0 | -321.7 | -364.3 | -424.6 |
| Free cash flows | -190.8 | -179.6 | 41.1 | -87.0 | 34.2 | -81.3 | -197.7 |



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Section2 Business Update

Noted mainly about movement after the last IR meeting FY2019.2Q (November 13, 2019)

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Sendai nuclear power plant

- All approvals have been acquired from the NRA.
- Installation of the SSF constructions are scheduled to be completed during the regular inspection period as mentioned below:
 - Sendai Unit 1: 16 Mar 2020 - 26 Dec 2020
 - Sendai Unit 2: 20 May 2020 - 26 Jan 2021
- Construction progress of the engineering works is at approx. 90%, and of the equipment works is at approx. 60% (as of the end of March 2020).
- Construction costs are approx. 242 billion yen

Genkai nuclear power plant

- Approvals for a change in reactor installation have been acquired in April, 2019.
- Construction planning permission: 1st part and 2nd part have been approved, and currently 3rd part is under review.
- Construction costs are approx. 240 billion yen

[Status of applications for permissions] (as of the end of March 2020)

| | | Date of application/approval | | | |
|--|-------------|--|--|---|---|
| | | Sendai No. 1 | Sendai No. 2 | Genkai No. 3 | Genkai No. 4 |
| Change in Reactor Installation Permission | | [approved] April 5, 2017 | | [approved] April 3, 2019 | |
| Construction Plan Permission | First part | [approved] May 15, 2018 | [approved] Aug 10, 2018 | [approved] Nov 28, 2019 | [approved] Nov 28, 2019 |
| | Second part | [approved] July 26, 2018 | [approved] Aug 31, 2018 | [approved] Mar 4, 2020 | [approved] Mar 4, 2020 |
| | Third part | (submitted) Mar 9, 2018 [approved] Feb 18, 2019 | (submitted) Mar 9, 2018 [approved] Apr 12, 2019 | (submitted) Jan 17, 2020 Under review | (submitted) Jan 17, 2020 Under review |
| Approval for Changes in Safety Regulations | | (submitted) Aug 2, 2019 [approved] Mar 25, 2020 | | — | |
| SSF deadline (Date of approval for the main facilities) | | Mar 17, 2020 (Mar 18, 2015) | May 21, 2020 (May 22, 2015) | Aug 24, 2022 (Aug 25, 2017) | Sep 13, 2022 (Sep 14, 2017) |

Key initiatives to expand sales of electricity in Kyushu

- In April 2019, we have strengthened our price competitiveness by reducing our prices. This is the result of our efforts to restart operation of four nuclear power units and having improved management efficiency.

* Price reduction rate: Retail average ▲ 1.3%

- We offer a selection of new electricity plans ^{*1} to low-voltage customers (such as household customers), that are suited to our customers' needs and diverse lifestyles. Next to that, we actively propose electricity and gas as a set ^{*2} and electricity plans for all-electric homes ^{*3}.

*1 Plan for families with children under the age of 3, Plan for people who have relocated to Kyushu, Smart family plan (for residential customers), Smart business plan (for commercial businesses), Residential lightning time of use (offers affordable night-time and weekend rates), etc.

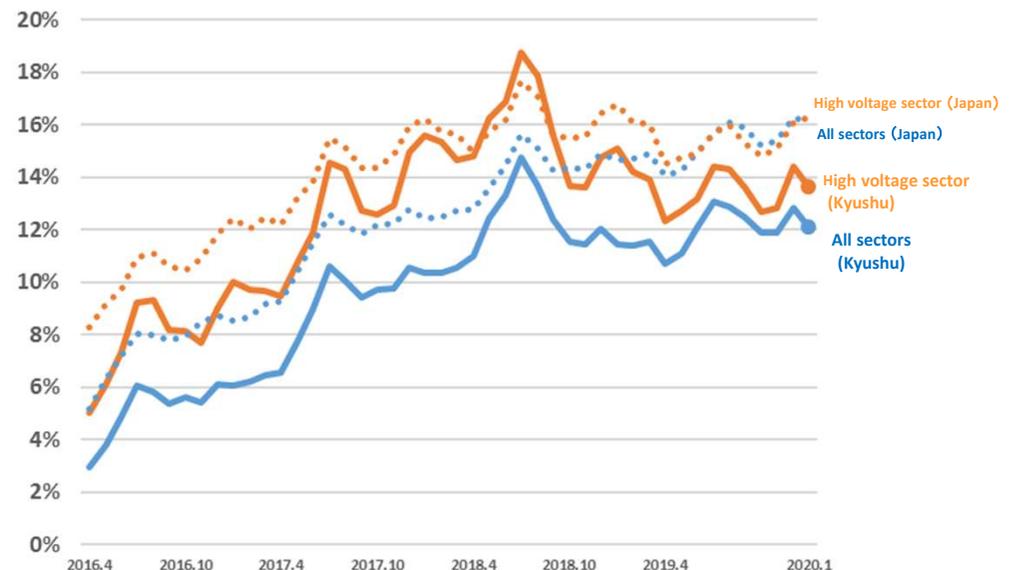
*2 Number of applications Kyuden Gas service: 120,000 (cumulative total as of March 31, 2020)

*3 Number of all-electric homes: 1.14 million (cumulative total as of March 31, 2020)

- For high-voltage customers such as corporations, we provide service depending on the customers' needs, such as "proposing optimal price menu according to the customer's usage situation" and "proposing technical services including energy-saving diagnosis".

[Market share of new entrants in Kyushu]

* based on kWh. Dotted lines shows national average (excluding Okinawa)



(Based on data from Electricity and Gas Market Surveillance Commission)

Retail sales of Kyuden Mirai Energy

- The wholly-owned subsidiary Kyuden Mirai Energy has engaged in the retail electricity business in the Kanto area since April 2016.
- Mirai offers rate plans that allows the customer to accumulate JAL miles, WAON points, as well as a rate plan for all-electric homes. From March 2020, we offer a so-called “d point” plan that allows the customer to earn d points.
- The number of contracts surpassed 20,000 in January 2020
- In a ranking of new electricity retailers and their electricity sales volume, Kyuden Mirai Energy climbed 103 positions from No. 112 (as of the end of April 2018) to No. 9 (as of the end of December 2019).
- In August 2019, Kyuden Mirai Energy opened an office in Tokyo. By strengthening sales capabilities and customer service, Mirai aims to further expand sales in the Kanto area.

[Kyuden Mirai Energy electricity sales development]

* Ranking is among new entrants



(Based on data from the Agency for Natural Resources and Energy)

[“d point” plan overview]

- Household customers can apply from March 1, 2020
- 2 points will be added for every 100 yen of electricity fee*¹ (during the application process the d point*² card number has to be registered in order to accumulate points)

*1 Excluding consumption taxes, renewable energy surcharges, mailing service fees, past due interests, etc.

*2 d point is a well-known point plan provided by NTT DoCoMo, Inc., and easily accessible (no telephone contract is required to participate).



Partnership with Itochu Enex for retail electricity business

- From April 1, 2020, Kyuden Group and Itochu Enex have started a partnership to sell electricity to high-voltage and extra-high voltage customers.
- By leveraging the customer base and sales capabilities that Itochu Enex has built by selling oil and gas, we aim to expand our electricity sales by gaining access to new sales areas.

[Outline of partnership]

| | |
|-------------------------|--|
| Business content | Sales operation cooperation for electricity retail business (Kyuden group : supplying electricity to customers Itochu Enex : Billing of retail electricity charges to customers, etc.) |
| Starting date | April 1, 2020 |
| Target area | Itochu Enex sales area (excluding Hokkaido, Hokuriku, Okinawa) |
| Target customers | Customers using high voltage or extra high voltage |
| Sales body | Kyushu area: ITOCHU ENEX × Kyushu Electric Power Outside Kyushu : ITOCHU ENEX × Kyuden Mirai Energy |

Shares acquisition of Westmoreland gas-fired power project in U.S.

our 4th power generation project in the USA

- On November 2019, Kyuden Group has participated in Westmoreland Gas-Fired Power Project in Pennsylvania (“WML”).
- WML is utilizing a gas combined-cycle generating system equipped with state-of-the-art gas turbines (total output: 940 MW). WML supplies electricity to the north-eastern part of the United States through PJM.
- Stable profits are expected due to the adoption of the latest gas turbines, the availability of low-priced gas because it is located in a shale gas production area, and the sale of electricity to PJM, which has a capacity market.

[Overview of Westmoreland project]

| | |
|----------------------------|---|
| Project Site | Westmoreland, Pennsylvania (USA) |
| Commercial Operation | December 2018 |
| Generation Capacity | 940 MW [equity output 118MW] |
| Generation Type | Natural gas combined cycle |
| Market selling electricity | PJM |
| Shareholders | Kyushu Electric Power Co., Inc. - 12.5% Mitsubishi Corporation - 37.5% Electric Power Development Co.,Ltd. - 25% Tenaska - 25% |

Shares acquisition of Taweelah B independent water & power producer project in UAE

Our 1st IWPP project in the UAE

- On December 2020, Kyuden Group has signed a share purchase agreement with JGC Holdings Corporation to acquire a 6% interest in Taweelah Asia Power Company P.J.S.C. and separately a 15% interest in Asia Gulf Service Holding Company Limited for Taweelah B Independent Water & Power Producer Project ("Taweelah B") in the United Arab Emirates ("UAE").
- Taweelah B supplies both electricity and water to the Emirates Water and Electricity Company, under the Power and Water Purchase Agreement, by operating its natural gas thermal power generation facility, which has a total output of 2,000 MW and a seawater desalination facility of 730,000 tons per day.
- We expect stable earnings early on this project with long-term power sales contracts.
- Kyuden Group is seizing this opportunity to expand overseas business, beyond Asia and America to areas such as Europe, the Middle East and Africa.

[Overview of Taweelah B project]

| | |
|------------------------------------|---|
| Project Site | Taweelah, the Emirate of Abu Dhabi (UAE) |
| Generation and Production Capacity | Generation Capacity: 2,000 MW[equity output 120MW] Water Production Capacity: 730,000 tons/day |
| Buyer | Emirates Water and Electricity Company (EWEC) |
| Generation Type | Natural gas supplied by EWEC |
| Shareholders | [Taweelah Asia Power Company P.J.S.C. (TAPCO)] Kyuden International Corporation – 6% Marubeni Corporation – 14% BTU Power Company – 10% Pendekar Power (Labuan) – 10% Taweelah Uniter Power Company – 60% [Asia Gulf Power Service Company Limited] Kyuden International Corporation – 15% Marubeni Corporation – 35% BTU Power Company – 25% Pendekar Power (Labuan) – 25% |

Participation in Philippine Microgrid project

Our 1st overseas off-grid electrification project for remote island

- On January 2020, Kyuden Group participated in a Microgrid Project*, which PowerSource Group is implementing on the islands Palawan and Cebu in the Philippines.
- Kyuden Group contributes to the supply of environmental-friendly energy and to the expansion of PowerSource's microgrid business, by implementing renewable energy sources and providing technical support, such as improving operation and maintenance of PowerSource's power plants.
- PowerSource Group receives revenue from regulated tariff and Kyuden Group expects stable dividend from the company

*Local supply of on-site generated electricity (using various sources such as diesel, solar etc.) to customers in off-grid areas by using microgrid technology

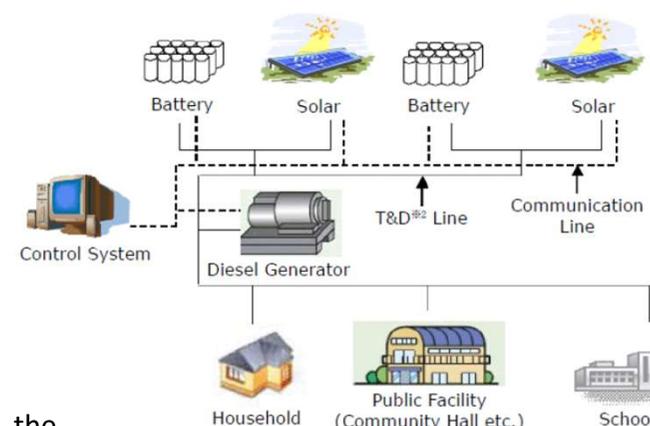
Opening Tokyo branch office of Kyuden International Corporation

- Kyuden International Corporation (KIC), a subsidiary of Kyuden Group operating in the overseas energy business, has opened a Tokyo branch office in January 2020.
- KIC has opened an office in Tokyo in order to strengthen information gathering on new overseas business opportunities in the Tokyo metropolitan area.
- Another objective of this branch office is to further accelerate overseas business development in the future, as KIC will expand overseas business areas to Europe, the Middle East and Africa. Additionally, KIC will assertively seek opportunities to develop power generation systems that are new to KIC's portfolio, such as offshore wind power.

[Overview of Microgrid project]

| | |
|----------------------|---|
| Project Site | Palawan island, Cebu island |
| Commercial Operation | 2005 |
| Generation Capacity | 100 kW - 2,100 kW |
| Generation Type | Diesel generation (solar-storage will be implemented in the future) |
| Customers | Households, public facilities, hotel, factories, etc. |

[Microgrid image]



[Overview of Tokyo branch]

| | |
|--------------------|--|
| Location | Yusen building 7 th floor, 3-2, Marunouchi 2 chome, Chiyoda-Ku, Tokyo |
| Establishment date | January 1, 2020 |
| Number of staff | 10 |

Participation in a Joint Development Project in Atlanta, U.S.

Kyuden's first overseas real estate development

- In December 2019, we decided to participate in a overseas real estate development project in Atlanta. The project involves an apartment building, which is part of a joint development project in the middle of Atlanta.
- A rental apartment building will be built (five-story building comprising 250 units) jointly with DRI, a US subsidiary of Mitsubishi Corporation, and Wood Partners, a leading developer in the U.S. (total cost: ¥ 6.5 billion; scheduled to be completed in April 2021)
- The leasing of the units will start as construction progresses and we plan to sell the apartments with some homes occupied.

[Image of the project]



Establishment of Urban Development Business Division

- In July 2020, the Urban Development Business Headquarters will combine the three businesses urban development, real estate, and social infrastructure.
- By integrating the functions of the three businesses, we will undertake various projects, leveraging our comprehensive strengths, while aiming to accelerate the realization of our growth strategies.

EV sharing service “weev”



- Condominium car sharing service of EV (Electric Vehicle) is scheduled to start in December 2020.
- Charging facilities and EVs will be installed in the parking lot of the condominium, making it an exclusive service that provides security and convenience to the residents.
- The condominiums will be supplied by electricity from Kyuden Group, aiming to increase electricity sales volume.
- For the time being, we plan to provide these EV car sharing services in the Tokyo metropolitan area and Kyushu area. We plan to introduce about 300 units during the next 5 years.
- We are also working on the use of EV as an adjustment power, such as by participating in the VPP demonstration project of METI. In the future, we plan to use the EVs installed at weev for balancing supply and demand, and to make profit as adjustment power.

[Outline of weev]

| | |
|--------------------------|---|
| Origin of name | Named "weev" based on the concept of "electric vehicle (ev) that can be used only by condominium residents (we)" |
| Intended locations | Mainly condominiums (new or existing) |
| Number of cars installed | One or more units depending on the size of the condominiums |
| Intended users | Only for residents of these particular condominiums |
| Fee (tax excluded) | <ul style="list-style-type: none"> • Time rate: 200 yen per 15 minutes • Distance charge: 5 yen / km * Registration fee, monthly fee: 0 yen |
| Service areas | Tokyo area and Kyushu area (for the time being) |
| Start of service | Scheduled for December 2020 (construction completed of the first condominium) |

[EV to be used (example)]



■ TESLA/Model3



■ Reference data

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Promotion of overseas energy business

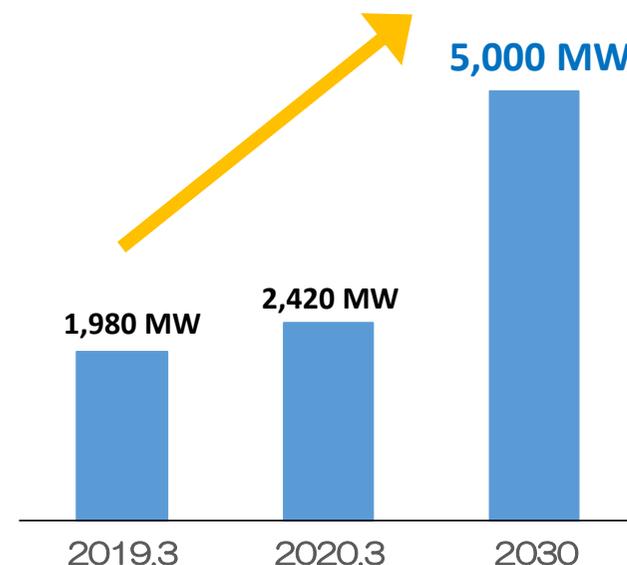
- The aim of our department International Business Office is to build a strategic network, within and outside the Kyuden Group. Kyuden International Co., Inc., which is our wholly-owned subsidiary, promotes IPP investments and overseas consulting business.
- In 2030 we are aiming for 5 GW equity ownership in electricity output by developing projects mainly in Asia where electricity demand is expected to increase, as well as North America and Europe.

[Outline of Kyuden International Co., Inc.]



| | |
|--------------------------|--|
| Location of headquarters | Fukuoka city |
| Capital fund | 38.4 billion yen (Kyuden EPCO CO., INC .100%) |
| Date of establishment | August 2, 1999 |
| Business content | Overseas energy business Overseas consulting business |

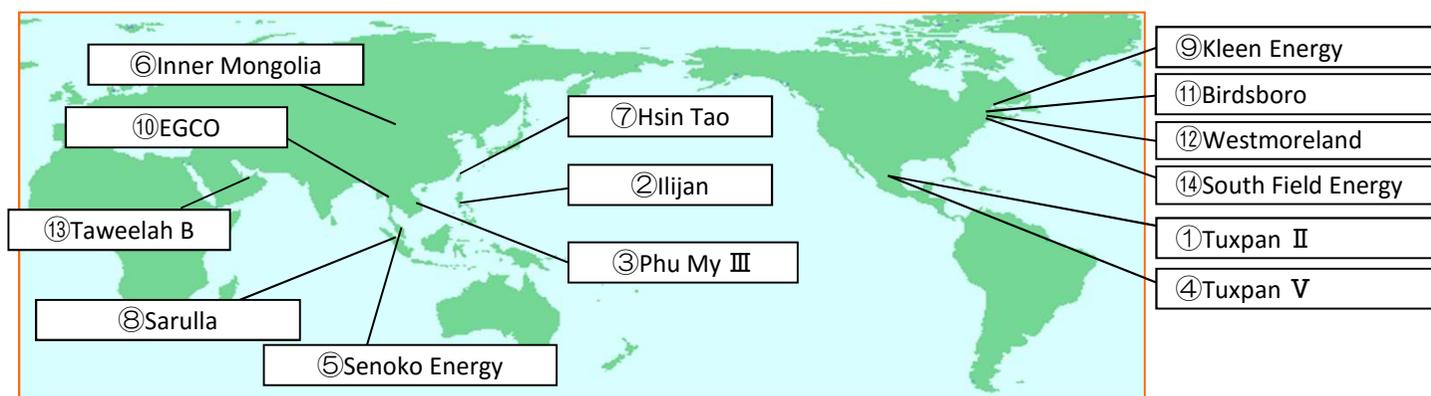
[Equity Ownership Target in 2030]



Business Development Overseas (as of the end of March 2020)

| | Project name | Fuel | Start of Operation /Investment | Output | Ownership | Net Capacity |
|--------------------|---|-----------------------|--------------------------------|---------|-----------|--------------|
| In operation | ① Mexico: Tuxpan II | Gas | 2001/12 | 495 MW | 50% | 248 MW |
| | ② Philippines: Ilijan | Gas | 2002/6 | 1200 MW | 8% | 96 MW |
| | ③ Vietnam: Phu My III | Gas | 2004/3 | 744 MW | 26.7% | 199 MW |
| | ④ Mexico: Tuxpan V | Gas | 2006/9 | 495 MW | 50% | 248 MW |
| | ⑤ Singapore: Senoko Energy | Gas | [Investment] 2008/9 | 2380 MW | 15% | 357 MW |
| | ⑥ China: Inner Mongolia | Wind | 2009/9 | 50 MW | 29% | 15 MW |
| | ⑦ Taiwan: Hsin Tao | Gas | [Investment] 2010/10 | 600 MW | 33.2% | 199 MW |
| | ⑧ Indonesia: Sarulla I~III | Geothermal | 2018/5 | 330 MW | 25% | 83 MW |
| | ⑨ USA : Kleen Energy | Gas | [Investment] 2018/5 | 620 MW | 20.25% | 126 MW |
| | ⑩ Thailand : EGCO-related power generation assets | Gas/Coal Renewable | [Investment] 2019/5 | 5646 MW | 6.14% | 347 MW |
| | ⑪ USA : Birdsboro | Gas | [Investment] 2018/1 | 488 MW | 11.1% | 54 MW |
| | ⑫ USA : Westmoreland | Gas | [Investment] 2019/11 | 940 MW | 12.5% | 118 MW |
| | ⑬ UAE : Taweelah B | Gas | [Investment] 2020/3 | 2000 MW | 6% | 120 MW |
| Under construction | ⑭ USA: South Field Energy (Start of Operation: 2021) | Gas | [Investment] 2018/8 | 1182 MW | 18.1% | 214 MW |

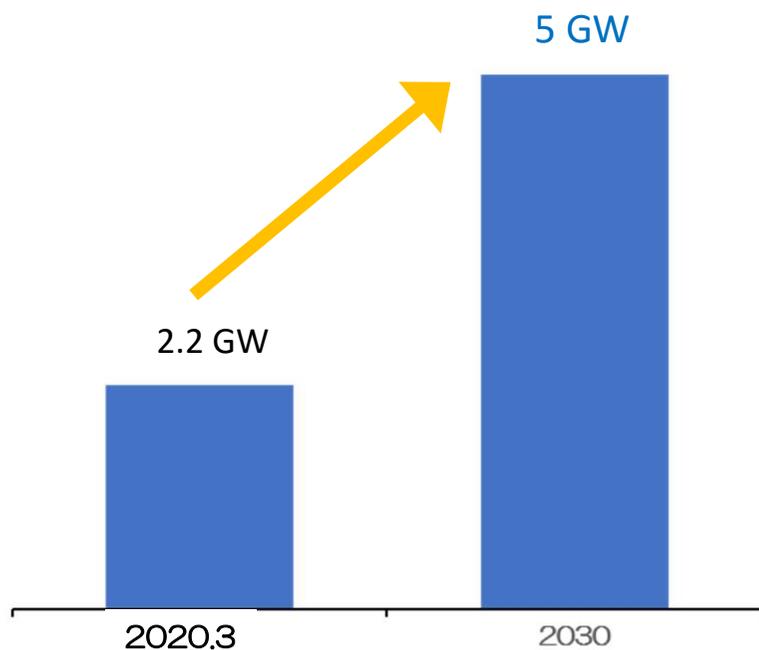
Total 2,420 MW



Promotion of renewable energy business

- For 2030 we have set a target of 5 GW of output, by promoting geothermal and hydroelectric power generation, both in Japan and overseas.
- In order to respond to the wide range of needs from the local community, Kyuden Mirai Energy is in charge of renewable energy in general (including the research, planning, construction and operations). Kyuden Mirai Energy has been in close coordination with group companies such as West Japan Engineering Consultants (West JEC), which has world-class technological know-how on geothermal development.
- In January 2020, Buzen-biomass power plant started operation, which is funded by Kyuden Mirai Energy (investment ratio 27%, output 74,950 kW). It's Japan's largest wood biomass power plant.
- In March 2020, Kyuden Mirai Energy participated in a woody biomass power generation business in Ishikari City, Hokkaido (investment ratio 30%, output 51,500 kW). It aims to start commercial operation in August 2022.

[Output target 2030]



[List of Kyuden Group's renewable energy facilities]

(as of the end of March 2020)

Solar 94 MW



Wind 115 MW



Hydro 1,289 MW

(excluding pumped storage)



Geothermal 548 MW



Biomass 165 MW



Development plan of renewable energy (as of March 2020)

*1 Kyuden Mirai Energy Co., Inc. *2 Kushima Wind Hill Co., Inc.

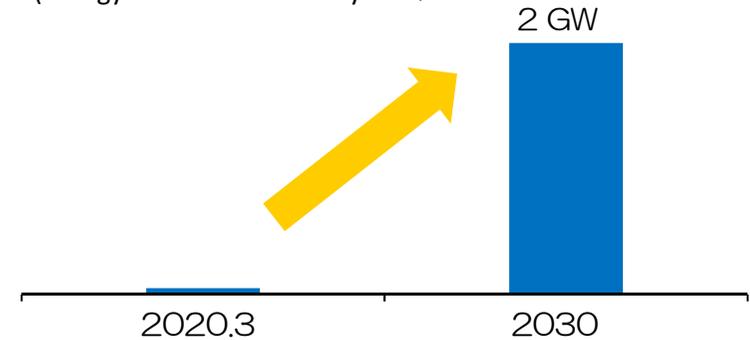
| | Name | Prefecture | Output (kW) | Notes |
|-----------------|---|----------------|----------------|--|
| Solar | 【Outside Kyushu】 Miya river watarai*1 | Mie | 72,000 | Starting operation in FY2023 (scheduled) |
| | Subtotal | | 72,000 | — |
| Wind | Kushima wind*2 | Miyazaki | 64,800 | Starting operation in October 2020 (scheduled) |
| | Karatsu Chinzei wind farm*1 | Saga | 27,200 | Starting operation in FY2021 (scheduled) |
| | Experimental Study of Next Generation Offshore Floating Wind Power System*1 | Fukuoka | 3,000 | Starting operation in May 2019 [Commissioned project in collaboration with NEDO] (May 2019-FY2021) (Demonstration Phase) |
| | Subtotal | | 95,000 | — |
| Geothermal | Ohtake | Oita | 14,500 | Starting operation in December 2020 (scheduled) Update of existing facility (12,500 kW→14,500 MW) |
| | Subtotal | | 14,500 | — |
| Hydro | Tsukabaru No.1-4 | Miyazaki | 66,600 | Starting operation in May 2020 (scheduled) Update of existing facility (62,600 kW→66,600 kW) |
| | Shin-takeda | Oita | 8,300 | Starting operation in March 2022 (scheduled) Redevelopment (7,000 kW→8,300 kW) |
| | Subtotal | | 74,900 | — |
| Biomass | 【Outside Kyushu】 Nagano-biomass*1 | Nagano | 14,500 | Starting operation in FY2020 (scheduled) |
| | Fukuoka biomass*1 | Fukuoka | 5,700 | Starting operation in FY2020 (scheduled) |
| | 【Outside Kyushu】 Shimonoseki-biomass*1 | Yamaguchi | 74,980 | Starting operation in FY2021 (scheduled) |
| | Karita biomass*1 | Fukuoka | 74,950 | Starting operation in FY2021 (scheduled) |
| | 【Outside Kyushu】 Okinawa Uruma*1 | Okinawa | 49,000 | Starting operation in FY2021 (scheduled) |
| | Oita-Biomass*1 | Oita | 22,000 | Starting operation in FY2021 (scheduled) |
| | 【Outside Kyushu】 Ishikari biomass*1 | Hokkaido | 51,500 | Starting operation in FY2022 (scheduled) |
| | 【Outside Kyushu】 Hirohata biomass*1 | Hyogo | 74,900 | Starting operation in FY2023 (scheduled) |
| Subtotal | | 367,530 | — | |
| Tidal | Tidal power generation technology commercialization project*1 | Nagasaki | 500 | FY2020 (scheduled) (Demonstration Phase) |
| | Subtotal | | 500 | — |
| Total | | | 624,430 | — |

Developing LNG power plant in Kanto Area

- Through partner alliances, we are working to develop energy sources outside the Kyushu region, and have set a target of 2 GW of output in 2030.
- In September 2019, Tokyo Gas and Kyuden established Chiba Sodegaura Power Co., Ltd. to conduct a feasibility study of a LNG-fired thermal power plant. Tokyo Gas and Kyuden jointly plan to construct a combined-cycle power plant on the (currently unused) industrial site owned by Idemitsu Kosan Co., Ltd. in Sodegaura City, Chiba Prefecture. We are planning a final investment decision in the early 2020s

[Target output]

(Energy business outside Kyushu)



[Location of plant]



[Outline of the project]

| | |
|-------------------|-----------------------------------|
| Location | Sodegaura City, Chiba Prefecture |
| Generation system | Gas turbine combined cycle system |
| Output | Max. 2 GW |
| Fuel | LNG |

The world’s first LNG-fueled large coal carriers

- Kyuden has entered into long term transport agreements with Nippon Yusen Kabushiki Kaisha (“NYK”) and Mitsui O.S.K. Lines (“MOL”) on the deployment of the world’s first LNG-fueled large coal carriers.
- Under the operation of NYK and MOL, the vessels will be used to import coal to Kyuden’s coal-fired power plants.
- The LNG procured for Kyuden’s thermal power plants will be supplied to the vessels as fuel at the loading facility of Kitakyushu Liquefied Natural Gas Co., 75% owned subsidiary of Kyuden (each ship consumes 5,000 to 6,000 tons of LNG annually).
- The use of LNG fuel is expected to virtually eliminate sulphur oxides (Sox) emission and reduce 80% of nitrogen oxides (NOx) emission, as well as 30% of carbon dioxide (CO2) emission, in comparison with traditional marine fuels. We contribute to the realization of a low carbon society by implementation of LNG as an environment friendly fuel.

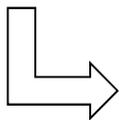
[LNG fuel supply (bunkering) overview]

- The LNG will be supplied using shore LNG loading facility



[Outline of Vessel Specifications]

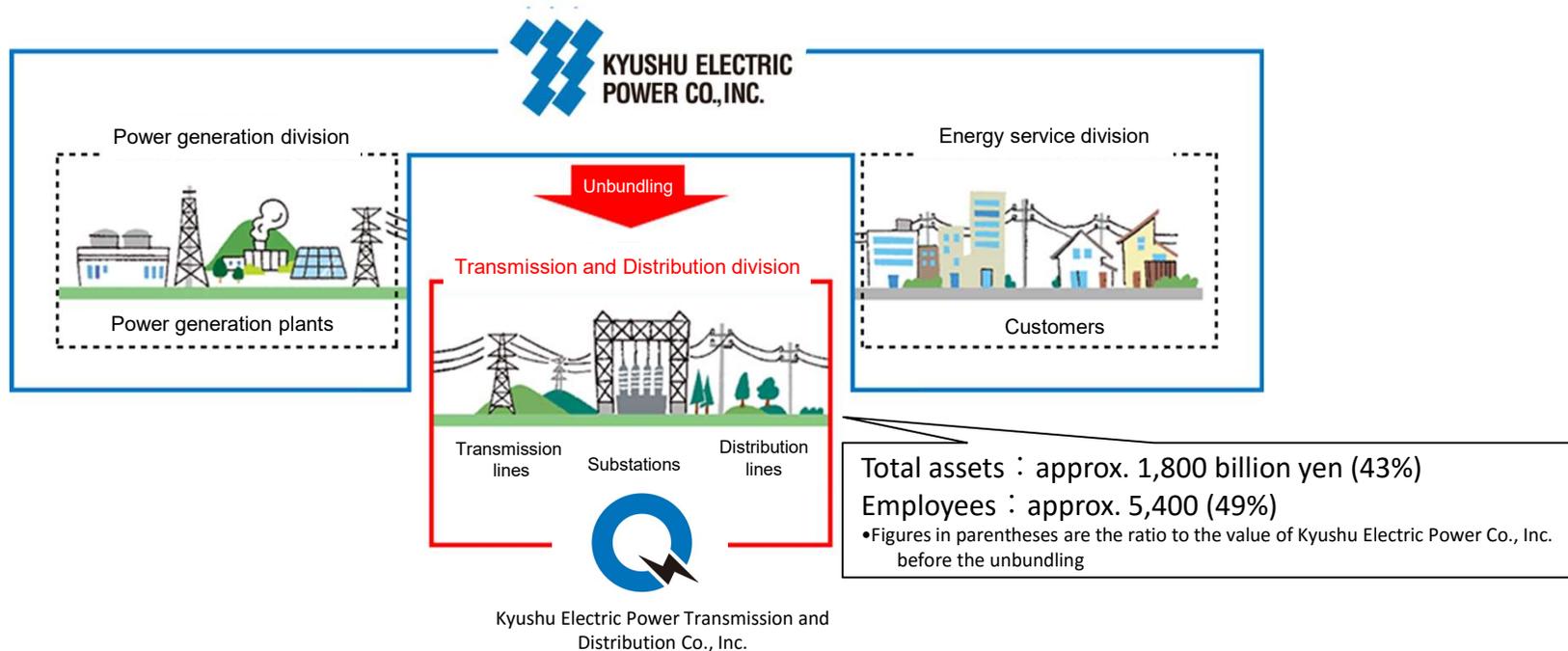
| Operator | NYK | MOL |
|---------------|---------------------|---------------------|
| LOA/Beam | 235m/38m | 235m/38m |
| DWT | 95,000MT | 95,000MT |
| Shipyard | Oshima Shipbuilding | Namura Shipbuilding |
| Delivery date | April 2023 | June 2023 |



- To reduce environmental impact we plan not only to convert our own coal carriers to LNG fuel, but we also consider LNG bunkering for other transport vessels such as ferries and car transport vessels.
- For that purpose, we are also considering cooperation with overseas companies, next to domestic cooperation initiatives*
 * In August 2018, an alliance was announced with Saibu Gas Co., Chugoku Electric Power Co., and NYK.

Legal unbundling of transmission/distribution sector

- On April 1st 2020, the Group split the general power transmission and distribution business into a 100 percent-owned subsidiary, and established Kyushu Electric Power Transmission and Distribution Co., Inc.



[The role of each company and the vision that Kyuden group aims for]

Kyushu Electric Power Company

- Providing energy services that contribute to customers' prosperous and more comfortable lives.
- Improving competitiveness.

Kyushu Electric Power Transmission and Distribution Company

- Further improvement of fairness, transparency and neutrality.
- Combining stable supply of electricity and economic efficiency by improving efficiency and sophistication of security and operational work.

After the unbundling, both companies continue to

- fulfill our obligations as energy companies
- aim to continually improve the value of the entire Kyuden Group

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