

# Financial results of FY ending 3/2020 & Financial forecasts for FY ending 3/2021

May 12, 2020 The Kansai Electric Power Co., Inc.

Financial forecasts are subject to change depending upon the changes of business environments and other conditions.

## **Contents**

Financial highlights of FY ending 3/2020 Overview Financial highlights (consolidated, non-consolidated)	2 4	■ Appendix  • Progress of business improvement plan • Retail electricity sales • Consolidated statements of cash flows • Interest-bearing debt (non-consolidated)	 14 15 16
Financial highlights of FY ending 3/2020 Major factors (non-consolidated) Factors Effecting Consolidated Ordinary Income Non-consolidated statements of income Consolidated statements of income Segment information Consolidated balance sheets  Financial forecasts for FY ending 3/2021 Financial forecasts	5 6 7 8 9 10	<ul> <li>Actual supply and demand (Sending end)</li> <li>Maintenance costs and depreciation in comparison with the previous term</li> <li>Time lag from the fuel cost adjustment system</li> <li>Framework of feed-in tariff scheme for renewable energy</li> <li>Electricity and gas sales efforts in the Kansai area</li> <li>Advantages when choosing "Nattoku Pack"</li> <li>Associated companies</li> <li>Outline of gas business</li> <li>Outline of Life/Business Solutions business</li> <li>Outline of It/Communications business</li> <li>Outline of International Business</li> <li>The KEPCO Group's introduction and development plan of renewable energy</li> <li>KEPCO's power source composition</li> <li>Initiatives on climate change issues and CO2 reduction</li> <li>Fuel change plan, suspension and decommission of operation for KEPCO's power plant</li> <li>Efforts to realize DX (digital transformation)</li> <li>Kansai Electric Power Group Medium-term Management Plan "Going a step ahead with eye on the future" FORWARD!!!</li> <li>**Published on March 26,2019</li> <li>The overview of reviewing items to be considered in the Financial Targets</li> <li>Financial/Corporate data</li> </ul>	18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33
		<u>!</u>	

## Overview(1)

## < FY ending 3/2020 Earnings Results >

#### Overview

•Consolidate : decreased revenue and increased income

•Non-consolidated : decreased revenue and income

#### Revenue

• Electricity business : the reduction of electricity rates in July 2018 and the decrease of Total

electric sales volume led to decrease in revenue

•Group businesses : the increase of revenue of "Gas/Other Energies" led to increase in

revenue

#### Cost and Profit

• Electricity business: **ordinary expenses decreased** because of the decrease of Total sales

volume, the decrease of fossil fuel costs associated with the changes in fuel price and the decrease of depreciation due to changes in the

depreciation method, but profit decreased

• Group businesses : ordinary expenses increased because of the increase of revenue of

"Gas/Other Energies", but profit increased

#### > Perspective

• the transient effect associated with the changes in fuel price and the increase of revenue of "Gas/Other Energies" led to increase in profit

- it is in <u>tough situation</u> with decreasing of the total electricity sales volume and accounting extraordinary loss with the international investment project
- •the uncertainty is increasing by the spread of COVID-19

## Overview(2)

#### < FY2019 Year-end Dividend>

- We have determined to pay <u>the year-end dividend of 25.00 yen per share</u>, equal to the dividend forecasts.
- The annual dividend results in 50.00 yen per share, including the interim dividend of 25.00 yen.

#### FY 2020 Financial and Year-end Dividend Forecasts >

- > Financial forecasts
  - •Because the effects in all business activities including the electricity demand by the spread of COVID-19 are not foreseen, the operating revenue and income are not decided.
- Dividend forecasts
  - because it is difficult situation to forecast the business outlook,
     the dividend forecasts is also undecided.

## **Financial highlights**

(h:llian	Consolidated (a)			Non-consolidated (b)				(a)/(b)		
(billion yen)	2018	2019	Change	Rate of Change	2018	2019	Change	Rate of Change	2018	2019
Operating revenues	3,307.6	3,184.2	△123.4	△3.7%	2,797.1	2,658.8	△138.3	△4.9%	1.18	1.20
Operating income	204.8	206.9	+2.1	+1.0%	133.9	125.6	8.3	△6.2%	1.53	1.65
Ordinary income	203.6	211.5	+7.9	+3.9%	130.5	125.0	5.5	△4.2%	1.56	1.69
X Net income	115.0	130.0	+14.9	+13.0%	87.4	79.1	8.3	△9.5%	1.32	1.64

<sup>\*</sup> The consolidated net income means the net income attributable to owners of the parent company.

		Consolidated		Non-consolidated			
(billion yen)	Mar. 31, 2019	Mar. 31, 2020	change	Mar. 31, 2019	Mar. 31, 2020	change	
Interest-bearing debt	3,853.4	4,096.6	+243.1	3,582.1	3,870.1	+288.0	
Equity ratio	20.9%	21.0%	+0.1%	15.2%	14.8%	△0.4%	

**Major factors (non-consolidated)** 

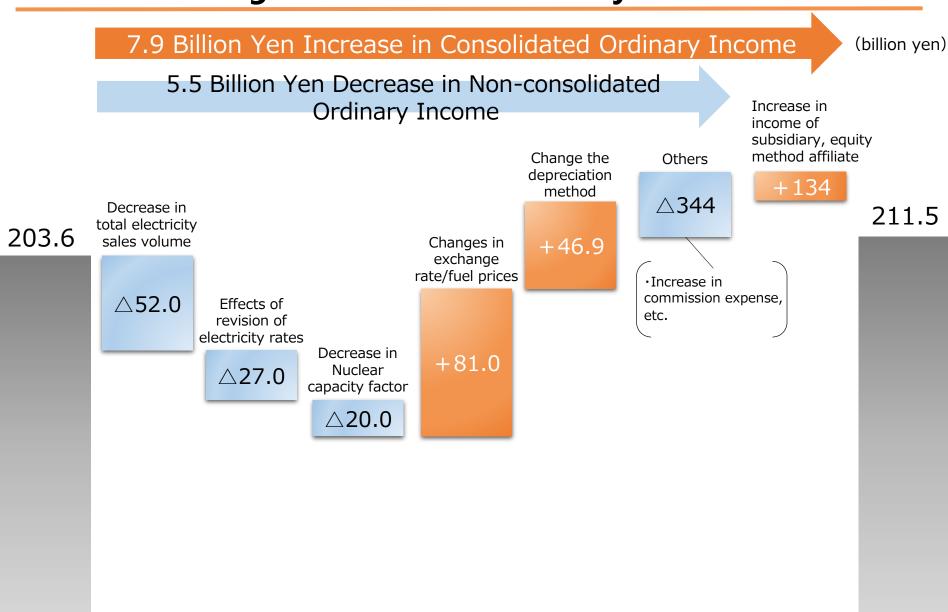
Major fa	actors	2018	2019	Change
Total elec	tric sales (TWh) *1	132.7 (108.3)	122.5 (92.3)	△10.3
	Retail electric sales	117.8 (102.2)	113.0 (95.9)	△4.8
	Residential	37.7 (90.2)	34.8 (92.5)	△2.8
	Commercial and Industrial	80.2 (109.1)	78.2 (97.5)	△2.0
	Electricity sales to other utility and non-utility companies	14.9	9.5	△5.4
Nuclear c	apacity factor (%)	54.6	<sup>*2</sup> 48.4	△6.2
Water run-off ratio (%)		103.1	98.6	△4.5
All Japan CIF crude oil price (\$/barrel)		72.2	67.8	△4.4
Exchange rate [TTM] (yen/\$)		111	109	△2.0
Interest rate [long-term prime rate] (%)		1.00	0.96	△0.04

<sup>\*1 ( ):</sup> Changes from the previous term, %

<sup>\*2</sup> Not including imbalance electric energy, which is not yet determined as at the end of the term.

Sensitivity of major factors  (billion yen)	2018	2019
Nuclear capacity factor per 1 %	4.1	3.7
Water run-off ratio per 1 %	1.2	1.1
All Japan CIF crude oil price per 1 \$/b	4.9	4.3
Exchange rate [TTM] per 1 円/\$	5.0	4.3
Interest rate [long-term prime rate] per 1 %	9.3	8.7

- Sensitivity of major factors denotes sensitivity of expenses.
- Sensitivity of major factors are subject to change if the rapid and drastic changes of major factors happen.



2018 2019

## Non-consolidated statements of income

(billion yen)	2018	2019	Change	<ul> <li>Decrease in retail electricity sales volume △79.0</li> <li>Decrease in revenue per kWh due to the effects</li> </ul>
Ordinary revenues (Operating revenues)	2,823.7 (2,797.1)	2,686.9 (2,658.8)	△136.7 (△138.3)	of revision of electricity rates $\triangle 27.0$
Electricity sales	2,212.2	2,089.3	△122.8 ¯	
Grant under act on purchase of renewable energy sourced electricity	162.5	177.9	+15.4	•Revenue of electricity sales to other utility and non-utility companies △75.0 •Consignment revenue +22.5
Others	449.0	419.6	△29.3	•Non-electric business +22.3
Ordinary expenses	2,693.2	2,561.9	△131.2	•Fossil-fuel costs △79.9 ∨
Personnel expenses	216.5	207.4	△9.0	•Nuclear-fuel costs △1.2
Fuel costs	538.2	456.9	△81.2	Degrees in total electricity rates values \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Backend expenses of nuclear power	89.8	83.5	△6.2	Decrease in total electricity sales volume △87.0  Decrease in retail electricity sales volume  △43.0  Decrease in electricity sales to other utility
Maintenance costs	177.0	194.2	+17.1	(and non-utility companies $\triangle 44.0'$ )
Taxes other than income taxes	144.4	139.2	△5.2	<ul> <li>Decrease in purchased electricity to other utility and non-utility companies +34.0</li> <li>Decrease in Nuclear capacity factor +28.0</li> <li>Change of exchange rate and fuel costs △63.0</li> </ul>
Depreciation	244.4	187.6	△56.7	*Change of exchange rate and ruer costs \( \triangle 65.0 \)
Purchased power	516.8	454.1	△62.6 \	•Change the depreciation method △46.3
Interest expenses	26.5	228	△3.7	
Levy under act on purchase of renewable energy sourced electricity	294.2	289.5	△4.6	•From other utility companies $\triangle 1.3$ •From other non-utility companies $\triangle 61.3$
Other	444.9	526.3	+81.3	•Commission expense +23.1
Ordinary income (Operating income)	130.5 (133.9)	125.0 (125.6)	△5.5 (△8.3)	•Expenses +21.0 •Non-electric business +14.6
Provision for or reversal of reserve for fluctuation in water level	△0.5	△0.9	△0.3	•Extraordinary loss by typhoon No.21 $\triangle$ 10.2 •Extraordinary loss on debt guarantees +14.8
Extraordinary loss	10.2	14.8	+4.5	
Income taxes	33.3	31.9	△1.3	
Net income	87.4	79.1	△8.3	

## **Consolidated statements of income**

	(billion yen)	2018	2019	Change	
	linary revenues perating revenues)	3,360.1 (3,307.6)	3,235.9 (3,184.2)	△124.1 (△123.4)	Sales of external transactions in subsidiaries
	Electric operating revenues	2,668.3	2,505.4	△162.8	+18.4 • Sales of external transactions in non-electric business +21.0
	Other operating revenues	639.3	678.8	+39.4	
	Non-operating revenues	52.4	51.7	△0.7	
Ord	linary expenses	3,156.5	3,024.4	△132.0	
	Electric operating expenses	2,536.2	2,384.5	△151.7	•Costs for subsidiaries +13.1 •Costs for non-electric business +13.0
	Other operating expenses	566.5	592.7	+26.2	
	Non-operating expenses	53.7	47.1	△6.5	
Ord	linary income	203.6	211.5	+7.9	<ul> <li>Extraordinary loss by typhoon No.21 △12.</li> </ul>
of r	vision for or reversal eserve for fluctuation vater level	△0.5	△0.9	△0.3	<ul> <li>• Investment loss on subsidiaries and affiliates</li> <li>• Loss on investment of subsidiaries and affiliates, etc.</li> </ul>
Ext	raordinary loss	30.9	24.1	△6.7 <sup>/</sup>	
Inc	ome taxes	57.5	57.1	△0.3	
Net	income	115.0	130.0	+14.9	
_					
Cor	mprehensive income	100.9	136.0	+35.0	

<sup>\*</sup> The consolidated net income means the net income attributable to owners of the parent.

## **Segment Information**

		2018 <b>2019</b>			Change				
(billion yen)	Operating revenues	Operating revenues (external transactions)	Ordinary income	Operating revenues	Operating revenues (external transactions)	Ordinary income	Operating revenues	Operating revenues (external transactions)	Ordinary income
Comprehensive Energy/Power Transmission and Distribution Business	3,244.1	2,968.5	167.1	3,142.8	2,839.2	168.8	△101.2	△129.3	+1.6
Electric Power	2,688.8	2,668.3	137.1	2,528.1	2,505.4	123.8	△160.7	△162.8	△13.2
Gas/Other Energies	555.2	300.2	30.0	614.7	333.7	45.0	+59.4	+33.4	+14.9
IT/ Communications	265.8	217.5	32.0	290.6	220.3	34.1	+24.8	+2.8	+2.1
Life/Business Solutions	169.3	121.5	22.0	173.3	124.7	20.5	+4.0	+3.1	△1.4
Total	3,679.3	3,307.6	221.2	3,606.9	3,184.2	223.5	△72.4	△123.4	+2.3
Eliminations/Corporate	△371.6	_	△17.6	<b>△422.6</b>	_	△12.0	△50.9	_	+5.5
Consolidated	3,307.6	3,307.6	203.6	3,184.2	3,184.2	211.5	△123.4	△123.4	+7.9

\*We reviewed the segment based on the medium-term management plan announced on March 26, 2019.

Breakdown of changes in Gas/Other Energies [Operating revenues(external transactions) and Ordinary income]: Increase in gas business revenues

Breakdown of changes in IT/Communications [Operating revenues(external transactions) and Ordinary income]: Increase in consumer services

Breakdown of changes in Life/Business Solutions [Operating revenues(external transactions)]:Increase in Housing business revenues [Ordinary Income]: Increase in costs of sales and development in Housing business

<reterences></reterences>			
(billion yen)	2018	2019	Change
International Business	△26.7	△25.2	+1.5

Breakdown of changes in International Business: Difference between investment loss in 2018 and 2019, etc.

(billion yen)	Mar. 31, 2019	Mar. 31, 2019	Change	
Assets	7,257.3	7,612.7	+355.3	Capital expenditures $+561.9$ Depreciation and amortization $\triangle 271.9$ Cash and time deposits $\triangle 98.9$
Liabilities	5,724.4	5,970.9	+246.5	Interest bearing debt +243.1
Equity	1,532.9	1,641.7	+108.8	Net income $\frac{1}{2}$ +130.0 Dividend $\triangle$ 44.6 (25.00yen per share for FY 3/19 year-end, 25.00yen per share for FY 3/20 interim-end)

<sup>\*</sup> The consolidated net income means the net income attributable to owners of the parent.

#### < FY 2020 Financial Forecasts >

Because the effects in all business activities including the electricity demand by the spread of COVID-19 are not foreseen, the operating revenue and income are not decided.

The forecasts will be disclosed promptly when we could calculate the financial forecasts.

#### < FY2020 Year-end Dividend Forecasts>

Because it is difficult situation to forecast the business outlook, the dividend forecasts is also undecided.

## Appendix

## **Progress of business improvement plan**

	Description	Implementation Timeline
	Drastic enhancement of a Compliance regime toward sound and appropriate corporate management, an	d creation of a Compliance-oriented
	and sound organizational climate	
	(1) Re-establishment of a Compliance regime utilizing external	[1]Compliance Committee:
	human resources	Established on April 28, 2020
	[1]Creation of a Compliance Committee and Compliance Promotion Division	Compliance Promotion Division:
1	[2]Establishment of an Incident Reporting System	Established on April 10, 2020
		[2] Promptly and by the end of June, 2020
	(2) Creation and maintenance of Compliance awareness	
	[1] contact to be a contact to be a contact to be contact	[1]Implemented on March 30, 2020
	[ [=] comprehensive revision or basic pension and internal regulations relating to promotion or compilation	[2]By or around the end of June, 2020
	[3]Enhancement of Compliance training	[3]By or around the end of June, 2020 (Partially implemented)
	Establishment of an operation system for ensuring reasonableness and transparency in procedures relation	
	execution of work contracts	
	(1) Revision of procedures relating to issuance of work orders and execution of work contracts	
		[1] Promptly and by the end of June, 2020
	[2]Creation of the Procurement Review Committee	[2] Established on April 28, 2020
	(2) Prohibition of deviating procedures for issuance of work orders and execution of work	(2)Implemented on April 28, 2020
	contracts	
2	[1]Prohibition of advance provision to particular individuals or entities of information relating to work order or contract	
	[2]Prohibition of disclosure of prices of particular orders or contracts leading to advance commitments to issue work orders [3]Prohibition of inappropriate involvement in prime contractors' order issuance to subcontractors or contracts with	
	subcontracts	
	[4]Prohibition of unreasonable sole-source procurement with particular individuals or entities	
	[5]Prohibition of non-transparent payment of donations and cooperative contributions	
	(3) Ensuring of transparency in KEPCO's subsidiaries' work order issuance	(3) Promptly and by the end of June, 2020
		(Partially implemented) (4)Promptly and by the end of June, 2020
	(4) Strict punishment against business partners whose malpractice has been detected	(Partially implemented)
	Development of a new corporate management regime	
	(1) Development of an effective corporate governance regime attaching greater importance to	(1) By or around the end of June, 2020
	external objective perspective	*Transfer to a company with nominating
	[1]Revision of a corporate governance framework	committee after approval at the general meeting of shareholders
3	[2]Enhancement of supervisory functions attaching importance to external objective perspectives	Theeting of shareholders
	[3]Enhancement of audit functions	
	(2) Development of a system for effective governance over Nuclear Power Division	[1] By or around the end of June, 2020
	[1]Enhancement of control over and support to Nuclear Power Division	[2] Promptly and by the end of June, 2020
	[2]Measures for creation of an open organization	. , ,

## **Retail Electricity sales**

[Retail Electricity sales for FY ending 3/2020]

(GWh)	4/19-6/19	7/19-9/19	10/19-12/19	1/20-3/20	2019
Residential	7,872	8,627	7,692	10,641	34,832
	(98.2)	(86.2)	(96.1)	(91.5)	(92.5)
Commercial and Industrial	19,322	21,748	18,749	18,341	78,159
	(104.5)	(97.6)	(96.7)	(91.8)	(97.5)
Retail Electricity sales	27,194 (102.6)	30,375 (94.0)	26,440 (96.5)	28,982 (91.7)	112,992 (95.9)

st Figures in ( ) are year-on-year %.

## [Average monthly temperature]

(℃)	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Actual	14.6	21.0	23.7	26.5	29.1	26.6	20.7	14.2	9.5	8.6	8.0	11.4
Year-on year change	△2.3	+0.9	+0.3	△3.0	△0.6	+2.5	+1.0	△0.4	+0.1	+2.0	+0.9	+0.8
Anomaly	△0.5	+1.3	+0.2	△0.9	+0.3	+1.6	+1.7	+0.6	+0.9	+2.6	+1.7	+2.0

## **Consolidated statements of cash flows**

(billion yen)	2018	2019	Change	
Operating activities	449.7	463.4	+13.6	Increase in net income before income taxes +15.0
Investing activities	△537.8	△577.3	△39.5	Increase in expenses from purchase of property $\triangle 62.4$ Decrease in expenses thanks to business acquisition $+19.4$
(Free cash flows)	(△88.1)	(△113.9)	(△25.8)	
Financing activities	103.0	211.2	+ 108.1	Increase in interest-bearing debt +91.6 (2018: +151.5→ 2019: +243.1)

(billion yen)		(	Consolidated		N	on-consolida	ted
		Mar. 31, 2019	Mar. 31, 2020	Change	Mar. 31, 2019	Mar. 31, 2020	Change
Bonds		1,259.7	1,314.0	+ 54.2	1,260.0	1,313.8	+53.8 (+253.8, △200.0)
Borrowings		2,323.6	2,486.6	+162.9	2,052.1	2,260.3	+208.2 (+720.3、△512.0)
	Long-term	2,177.5	2,342.0	+164.4	1,922.1	2,130.3	+208.2 (+460.3, △252.0)
	Short-term	146.0	144.5	△1.5	130.0	130.0	 (+260.0、△260.0)
	mmercial per	270.0	296.0	+26.0	270.0	296.0	+26.0 (+522.0、△496.0)
Interest- bearing debt		3,853.4	4,096.6	+243.1	3,582.1	3,870.1	+288.0
	erest rate (%) of fiscal year- end)	0.67	0.57	△0.10	0.65	0.55	△0.10

<sup>\* +(</sup>plus) in the bracket means financing,  $\triangle$ (minus) in the bracket means repayment.

## **Actual supply and demand (Sending end)**

(GWh)	2018	Composition ratio	2019	Composition ratio	Change
Hydro	13,496	13%	13,523	14%	+27
Thermal	61,207	58%	57,916	59%	△3,291
Nuclear	30,092	29%	26,717	27%	△3,375
New energy sources	19	0%	13	0%	△6
KEPCO Total	104,815	100%	98,169	100%	△6,646
Other-utility companies	21,353		22,622		+1,269
Captive use by hydropower	△2,284		△2,570		△286
Total	123,884		118,221		△5,677

<sup>\*</sup> Some rounding errors may be observed.

<sup>\*&</sup>quot;Other-utility companies" does not include imbalance electric energy, which is not yet determined as at the end of the term.

## [Maintenance Costs]

(billion yen)	2018	2019	Change	Breakdown
Power sources	73.8	85.4	+11.6	Nuclear +8.4 Thermal +3.1
Distribution	100,7	106.8	+6.1	Power transmission $+11.0$ Power transformation $\triangle 3.7$
Other	2.4	1.8	△0.5	
Total	177.0	194.2	+17.1	

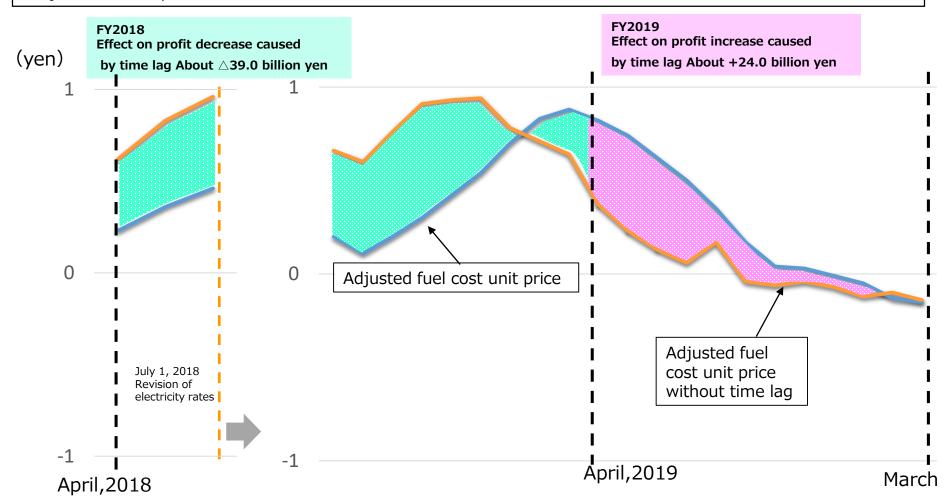
[Depreciation]

(billion yen)	2018	2019	Change	Breakdown
Power sources	es 105.5 <b>79.8</b>		△25.6	Thermal $\triangle 11.2$ Nuclear $\triangle 9.3$
Distribution	125.9	98.2	△27.6	Power transmission $\triangle 10.1$ Power transformation $\triangle 9.1$
Other	12.9	9.5	△3.4	Business △3.2
Total	244.4	187.6	△56.7	

<sup>\*</sup> Some rounding errors may be observed.

## Time lag from the fuel cost adjustment system

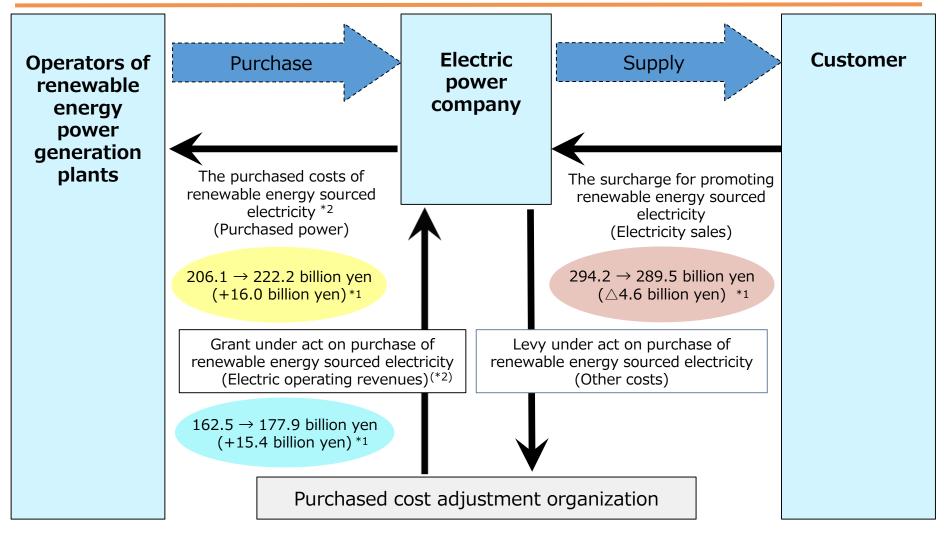
- The fuel cost adjustment system is a mechanism utilized to reflect, in the electricity rates, the impact of fluctuations in the exchange rate and the market price of fuel on thermal fuel costs.
- Fluctuations in fuel prices of each month is reflected in fuel cost adjustment unit price 3–5 months later. This generates a gap (time lag) between the fluctuations in fuel prices and the timing of reflecting them in fuel cost adjustment unit price.



<sup>\*</sup>The above-mentioned time lag indicates time gap on the income front in each accounting period, and differs from the income and expenditure effect calculated based on actual thermal power fuel cost etc.

<sup>\*</sup>Presupposed elements of fuel cost adjustments are being reviewed following electricity rates revision conducted on July 1, 2018 due to the changes in generation mix and fuel prices.

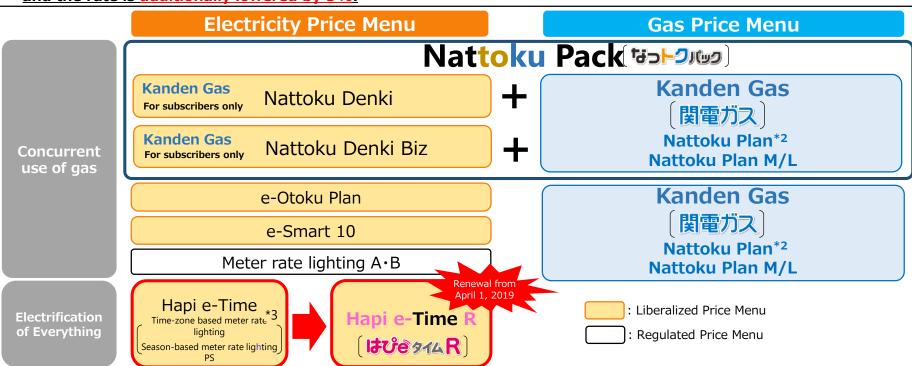
## Framework of feed-in tariff scheme for renewable energy



- \*1 FY ending 3/2019 → FY ending 3/2020 (changes from the previous term)
- \*2 Difference between purchased costs of renewable energy sourced electricity and grant under act on purchase of renewable energy sourced electricity is subtracting avoidable costs.
- "Law for partial amendment to the Act on Special Measures Concerning Procurement of Electricity from Renewable Energy Sources by Electricity Utilities (Feed-in Tariff) and other laws" (enforced April 1, 2017) stipulates that, regarding contracts of purchase on and after April 1, 2017, the definition of businesses obliged to purchase electricity will be changed to general electricity transmission and distribution businesses and others.

## Electricity and gas sales efforts in the Kansai area

- O KEPCO has made efforts so our "electricity" will be chosen by customers in terms of both price and service through proposals of Electrification of Everything, "Kanden Gas" and liberalized price menu. Additionally, we have stepped up efforts so our electricity and gas will be chosen by as many customers as possible, by launching Kanden Gas "Nattoku Pack".
- And, in May 2018, "Nattoku Denki Biz," an adjusted electricity rate menu mainly for shops, offices and restaurants was added to "Nattoku Denki," an electricity rate menu mainly for residential customers, as an option for the enriched "Nattoku Pack." The "e-Otoku Plan" was also adjusted to offer a better deal to a broader range of customers.
- From April 1 in 2019, the "Hapi e-Time" service will be renamed to "Hapi e-Time R" service. "Hapi e-Time R" service is available by customers using Eco Cute equipment. The electricity rate unit price depends on the season and time zone the service is used, and the rate can be reduced by shifting the use of electricity to the time zone of the lower rate. Furthermore, "Electrification discount" \*1 may be applied by the introduction of IH Cooking Heaters, and the rate is additionally lowered by 5%.



<sup>\*1:</sup> The electrification discount may be applied, and 5% of the amount subject to discount (total amount of base rate and energy charge, fuel cost adjustment amount excluded) is deducted from the electricity charge, in the event that the customers using "Hapi e-Time R" service who already have electric hot water suppliers, including Eco Cute.

<sup>\*2:</sup> Nattoku Plan (eo Discount) and Nattoku Plan for Chuo Electric Power are excluded.

<sup>\*3:</sup> For customers that contracted or applied for the service until March 31 of 2019, "Hapi e-Time," "Time-zone based meter rate lamp," and "Season-based meter rate lamp PS" may be continuously available on and after April 1 of 2019, provided that no modification is made in the contents of the contract of the electricity service (except for the change in the user's name and capacity, limited to cases where the coverage is satisfied).

## Advantages when choosing Nattoku Pack ( Table 1990)

"Nattoku Pack" is a service where customers receive advantages regardless of their use amount because of the discounted rate of both the electricity charge and the gas charge irrespective of the use amount, provided that "Meter-rate lighting A" and "Ordinary rate service" of Osaka Gas are applied to the customers.\*1

Customer with average consumption of electricity and gas

(Monthly consumption: Electricity 260 kWh, Gas 31 m<sup>3</sup>)\*<sup>2</sup>

Approx.

**▲ 10,100** yen

Approx. 10,100 yen\*3 discount on electricity and gas rates annually!

Electricity rate

Gas rate

The Kansai Electric Power (\*\*) 関西電力) Meter rate lighting A \*4

¥81,400/year

Osaka Gas General rates \*5

¥70,100/year

The Kansai Electric Power 関西電力 Nattoku Denki ¥78,500/year Kanden Gas 「関電ガス」 Nattoku Plan Discount on bundled electricity contract (3%) \*8

Nattoku Pack (ชีวโวโบว)

¥ 141,600 /year

¥59,100/year

**Total** 

Electricity and gas contracts with different companies

¥151,700/year

<sup>\*1:</sup> Except for the cases of no amount used.

<sup>\*2: (</sup>Computational condition) Monthly electricity consumption (260kWh) and monthly gas consumption (31m³) refer to a model case publicly announced by Osaka Gas.

<sup>\*3:</sup> Electricity rate includes consumption tax and renewable energy surcharges (applicable between May 2019 and April 2020), and it doesn't include fuel cost adjustment. Gas rate includes consumption tax and it doesn't include raw material adjustment adjustment calculated with the unit price of raw material cost adjustment. Actual amount of price reduction varies depending on electricity/gas usage, timing of contract signing, fuel and raw material cost adjustments and other factors.

<sup>\*4:</sup> Bank transfer discount is applied to Meter-Rate Lighting A.

<sup>\*5:</sup> General Rates are based on the General Gas Supply Provisions of Osaka Gas (implemented on October 1, 2019).

<sup>\*6:</sup> Discount on bundled electricity contract is applied to a gas rate, not electricity rate. Discount is applied to the sum of basic rate and metered rate (excluding any raw material cost adjustments).

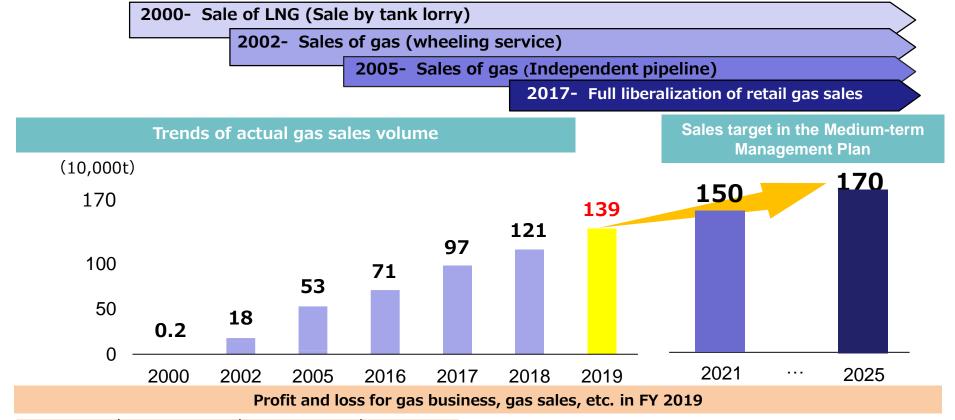
**Associated companies**(Consolidated Subsidiaries and Affiliates accounted for by equity method)

Pov	Comprehensive Ener ver Transmission and D	IT/Communications	Life/Business Soluion	
Electric Power	Gas/Other	Energies		Solution
(Consolidated Subsidiaries)  • Kansai Transmission and Distribution,Inc.	(Consolidated Subsidiaries)  ·Kanden Energy Solution Co., Inc. ·Sakai LNG Co., Inc. ·Kanden Engineering Corporation ·Echizen Eneline Co., Inc. ·Nihon Network Support Co., Ltd. ·Kanden Plant Corporation ·Kanden E-House Co., Ltd. ·The Kurobe George Railway Co., Ltd. ·Aioi Bioenergy Corporation ·Institute of Nuclear Safety System, Inc. ·NEWJEC Inc. ·Next Power Company ·Kanden Power-Tech Corp. ·NUCLEAR ENGINEERING, Ltd. ·THE GENERAL ENVIRONMENT TECHNOS CO., LITD. ·The Kanden Service Co., Ltd. ·Osaka Bioenegy Co., Ltd. ·Kanden Gas Support Co., Inc. ·Fukui City Gas ·KE Fuel International Co., Ltd. ·Biopower Kanda ·LNG EBISU Shipping Corporation ·LNG FUKUROKUJU Shipping Corporation	<ul> <li>LNG JUROJIN Shipping Corporation</li> <li>LNG SAKURA Shipping Corporation</li> <li>Kansai Electric Power Holdings Australia Pty Ltd</li> <li>Kansai Electric Power Australia Pty Ltd</li> <li>Kansai Sojitz Enrichment Investing S.A.S.</li> <li>KE Fuel Trading Singapore Pte Ltd.</li> <li>Kansai Energy Solutions (Thailand) Co., Ltd.</li> <li>KPIC Netherlands B.V.</li> <li>KPIC USA, LLC etc.  Total:41  (Affiliates accounted for by equity method)</li> <li>Japan Nuclear Fuel Limited</li> <li>Kinden Corporation</li> <li>Enegate Co., Ltd</li> <li>San Roque Power Corporation</li> </ul>		(Consolidated Subsidiaries) •Kanden Joy Life Co., Ltd •Kanden Realty & Develop ment Co., Ltd. •Clearpass Co., Ltd. •KANDEN Security of Society, Inc. •KANSAI Medical Net Co, Inc. •KANDEN L-Heart Co., Inc. •Kanden Facilities Co., Ltd. •Kanden Facilities Co., Ltd. •Kanden CS Forum Inc. •Kanden Office Work Co., Ltd. •The Kanden L&A Co., Ltd. •KANDEN AMENIX Corp. •K4 Ventures etc.
Total:1		Total:4		Total:31

**X**As of Mar. 31, 2020

## **Outline of gas business**

We got into gas sales businesses in order to propose total energy services that combine electricity and gas services to our customers. Sales of both businesses have expanded consistently. We will continue to work proactively and do our utmost to achieve the goals established in our Medium-term Management Plan: target sales volume of 1.5 million tons in FY2021 and 1.7 million tons in FY2025.



(billion yen)	2018	2019	Change
Operating revenues	101.3	122.2	+20.8
Operating expenses	110.8	125.4	+14.5
Operating income	△9.4	△3.1	+6.2

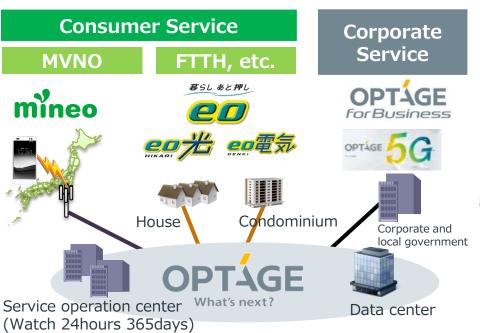
(10,000t)	2018	2019	Change
gas sales volume	121	139	+18

Number of contracts for KEPCO gas as of Mar. 31, 2020 :approx. 1.22 million

## **Outline of IT/Communications business**

Working mainly with OPTAGE, Inc., a core company, we are conducting consumer business (FTTH, energy) centering around the Kansai region, in addition to mobile phone services targeting the whole country, as well as solution business, aiming to achieve over 35.0 billion yen of ordinary income by FY2028.

Key Businesses and Accomplishments of IT/Communications Business



#### **FTTH Business**

- We have been providing the optical fiber-based network, telephone and TV by the set in step with the diffusion of broadband. We have <u>acquired more than 1.6 million</u> <u>contracts</u> and stable profits.
- We have started to offer privileges for long-term subscribers and sell electricity and gas by the set in addition to providing high-quality support, with the result of high commendation from customers.

[Privileges for long-term subscribers]

[External evaluation of customer satisfaction]





#### **MVNO Business (mineo)**

- In addition to au's and docomo's lines, <u>provision of services</u> <u>using Softbank's lines have started in September 2018.</u> We have <u>acquired more than 1.2 million contracts</u>.
- <u>Co-creation of services with customers</u> such as community site, "mineo", <u>are resulting in high customer satisfaction</u>.

#### **(Results and target of Medium-term Management Plan)**

(billion yen)	2018 (Results)	2019 (Results)	2019~2021 on average (Target)	2028 (Aspired level)	
Ordinary income	32.0	34.1	More than 30.0	More than 35.0	

[Community site]



Community that "co-creates" services with "fans" online

[External evaluation of customer satisfaction]



Source: Mobile Marketing Data Lab., "Survey of low-cost SIM services satisfaction for September 2019"

## **Outline of Life/Business Solutions business**

As well as consolidated real estate business, such as real estate leasing, sales, management, and leisure, centered on the core company, Kanden Realty & Development Co., Ltd., the Group provides home security, healthcare temporary, staffing and other services that help peoples' life and business. We are proactively expanding business areas and business domains (diversifying revenue sources), aiming to achieve over 35.0 billion yen in ordinary income for FY2028.

#### Real estate business

• In addition to the two pillars of housing sales and leasing, we will focus on asset management business for institutional investors as a third pillar, thereby creating a well-balanced portfolio that can withstand major market volatility.

[ Results/planned number of units for sale ] [Overseas business] 1,200 1,000 783 818 CIELLA 2018 2019 2020

Housing sales and lease business mainly in the Kansai area

Area: Tokyo Metropolitan area, core cities nationwide, and overseas

Domain: Strengthen asset management business for institutional investors

2021

Capital injection to Australian building fund

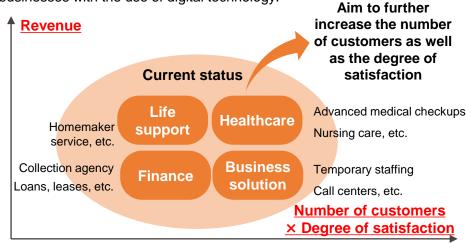
#### [Results and target of Medium-term Management Plan]

(billion yen)	2018 (Results)	2019 (Results)	2019~2021 on average (Target)	2028 (Aspired level)	
Ordinary income	22.0	23.7	More than 20.0	More than 35.0	

※Extraordinary profit/loss on real estate business is included.

#### Businesses other than real estate

• Through provision of quality services that please customers, we will steadily increase the number of customers and customer satisfaction. At the same time, we will proactively work to develop new services and businesses with the use of digital technology.



#### [Key services]



Deliver safety and security through home/office security services

(Number of contracts as of the end of 2019: Approx. 54,000)

**Finance** 

Support life and business financially through loan, lease and collection agency services





In addition to advanced medical checkups and fine-tuned nursing care services, provide services that contribute to extended healthy life spans in the future.



[Kanden Security

of Society]

## **Outline of International Business**

USA

business

We will capture changes quickly and accurately in the global energy business, create high added value, and expand our business globally, while putting down roots in areas where we operate. We aim to achieve over 30 billion yen in profit of international business in 2028. Total output by KEPCO's investment: Approx. 2,606 MW. Of which, total investment amount to 12 projects in operation is approx. 130 billion yen. (400) collected by dividends, etc.)

		CO's investment: Approx. 2,606 MW.( llected by dividends, etc.)	Of which, total invest	ment amount to	12 projects in opera	ition is approx. 130
		Project Title	Start of operation, etc.(schedule)	Total output (MW)	KEPCO's investment(%)	Output by KEPCO's investment (MW-equivalent)
	Philippines	San Roque Hydropower	2003/05	436	50	218
	Thailand	Rojana Electricity and Heat Supply	1999/05	505	39	197
	T-:	Ming Jian Hydropower	2007/09	17	24	4
	Taiwan	Kuo Kuang Thermal Power	2003/11	480	20	96
	Singapore	Senoko Thermal Power	Established 1995/10	2,807	15	42.1
	Australia	Bluewaters Thermal power	2009/12	459	50	229
In operation	USA	West Deptford Thermal power generation business	2014/11	768	17.5	134
	Ireland	Evalair Limited	2013/12 Other	223	24	54
	Indonesia	Rajamandala Hydropower	2019/5	47	49	23
	Laos	Nam Ngiep Hydropower	2019/9	290	45	131
	UK	Electricity North West Limited	Joined 2019/7	_	22.04	_
	Philippine	Power Distribution and Retail Sales in New Clark City	Scheduled in 2019	_	9	_
	Indonesia	Tanjung Jati B Thermal Power	Scheduled in 2021	2,140	25	535
	USA	Hickory-Run Thermal power generation business	Scheduled in 2020/5	1,000	30	300
Under construction		Triton Knoll Offshore Wind Power Project	Scheduled in 2022	857	16	137
	UK	Moray East Offshore Windfarm project	Scheduled in 2022	952	10.02	95
	Finland	Piiparinmäki wind farm project	Scheduled in 2021	211	15	3.2
Under	UK• Germany	NeuConnect Interconnector	Scheduled in 2022	-	18.3	-
development		St. Joseph Phase II Thermal power generation	6             0000	740		

Scheduled in 2023

Approx. 710

20

## The KEPCO Group's introduction and development plan of renewable energy

- As a leading company of low carbon initiatives, the Group has been engaged in new power source development of more than 2 million kW, and aims to increase equipment capacity to 6 million kW for renewable energy sources in Japan and overseas by 2030s. We will continue to contribute to spreading and expanding renewable energy while at the same time gaining the understanding of local communities.
- Equipment capacity for renewable energy sources in Japan and overseas: Approx. 4.43 million kW including power stations before operation, (as of April, 30, 2020)

Domestic nower stations

Power station	s in operation (completed): approx. 3	,456MW; power stations before ope	eration: approx. 308MW; Total: approx	k. 3,763MW (as of Apr. 30, 2020)
	Solar Power	Wind Power	Biomass Power	Hydro Power
Power source capacity of power stations in operation	Approx. 81.7MW	Approx. 18MW	Approx. 6MW	Approx. 3,350 MW <sup>*2</sup>
CO <sub>2</sub> emission reduction <u></u>	Approx. 27,000 t/year	Approx.17,000 t/year	Approx. 18,000 t/year	Approx. 6,000,000 t/year
Main power stations in operation	•Sakai Solar Power Station (KEPCO) •Arida Solar Power Station (Kenes) etc.	•Awaji Wind Power (Kenes) •Tahara No.4 Wind Power Station (Kenes)	•Asago-shi Biomass Power Generation Business (Kenes) etc.	•Nagatono power station (Upgraded) (KEPCO) etc.
Power stations before operation	-	<ul> <li>Akita Noshiro offshore wind power station</li> <li>Northern Akita offshore wind power station etc.</li> </ul>	<ul> <li>Fukuoka Kanda-machi biomass</li> <li>(Bio-power Kanda)</li> <li>Fukushima Iwaki-shi biomass</li> <li>(Able Energy Limited Liability Company) etc.</li> </ul>	•Yamaguchi flow maintenance power station (KEPCO) •Yatazoudani power plant (KEPCO) etc.
	Sakai Solar Power Station	Awaji Wind Power	Asago-shi Biomass Power Generation Business	
* CO2 emissions ar	e calculated based on our CO2 emission coefficien	nt in operation power scale in FY2018 with the	e national average coefficient 0.496kg-CO2/kWh	in FY 2017.

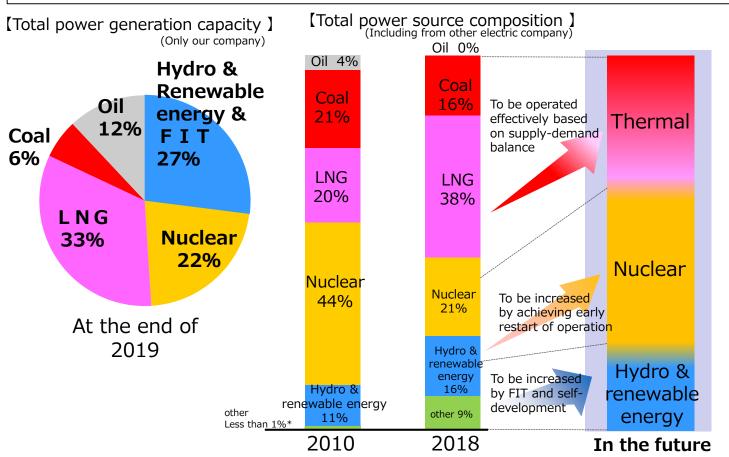
- Overseas power stations

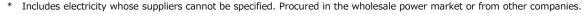
   Overseas power stations: Utilizing the experience of the development of the Kurobegawa power station unit 4 and others, we are working on the development of hydropower generation in Southeast Asia. Furthermore, we aim to engage in the investment in renewable energy as represented by our first-ever participation in the wind power generation business.
- Power stations in operation (completed): approx. 430MW; power stations before operation: approx. 264MW; Total: approx. 694MW (as of Apr. 30, 2020)

	Hydro Pow	ver	Wind Power					
Power source capacity of power stations in operation	Approx. 376MW	San Roque Hydropower	Approx. 54MW	Evalair Limited				
CO <sub>2</sub> emission reduction	Approx. 320,000 t/year	The state of the s	Approx. 59,000 t/year	1200 TO THE RESERVE T				
Main power stations in operation	·San Roque Hydropower (Philippines) ·Ming Jian Hydropower (Taiwan) ·Rajamandala Hydropower (Indonesia) ·Nam Ngiep Hydropower (Laos)		•Evalair Limited(Ireland)					
Power stations before operation	_		∙Triton Knoll Wind Power Project(UK) •Moray East Offshore Windfarm Project(UK) •Piiparinmäki wind farm project(Finland)					

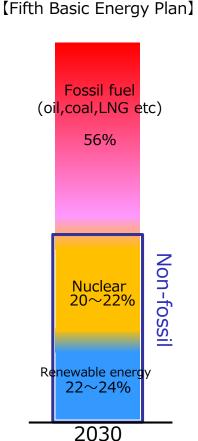
## **KEPCO's power source composition**

As a leading company of low carbon initiatives, KEPCO will move forward with the safe and stable operation of nuclear power plants, the development and utilization of renewable energies, and combining thermal power and pumped-storage hydropower generation as well, to achieve an optimal power source composition in light of "S+3E."





Some rounding errors may be observed.



"The Fifth Basic Energy Plan" defined by the government

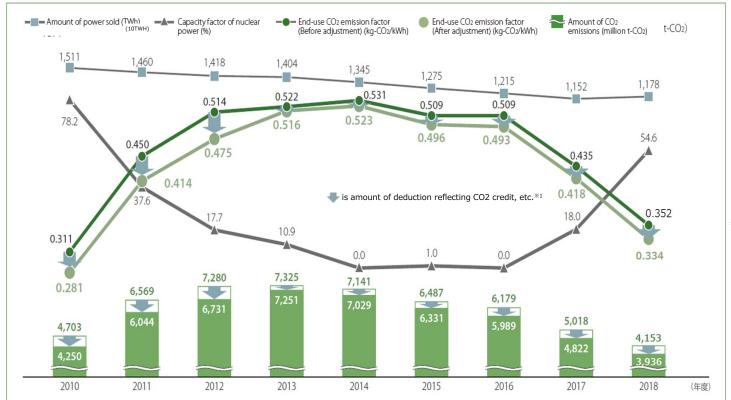
→ The goal is stable supply, economical efficiency and environmentally balanced mix on the premise of safety.

<sup>•</sup> includes imbalance electric energy, which is not yet determined as at the end of the term.

## Initiatives on climate change issues and CO2 reduction

- Our CO2 emission factor for FY 2018 improved substantially compared to the previous year. We have restarted Takahama units 3 and 4 and Ohi units 3 and 4 of which safety has been confirmed, sequentially during FY 2017 to FY 2018, and work to continue their safe and stable operation. These efforts contributed mainly to the substantial improvement of our CO2 emission factor.
- ○In KEPCO Group's medium-term management plan, we, as the leading company of "low carbon initiatives", set a goal of keeping the number-one position as a CO2-free electric power producer in Japan and reducing by half the CO2 emissions from the power generating business in Japan in FY2030, compared with that of FY2013.

#### Change in CO2 emission factor, etc.



\* These are calculated based on the Systems for Calculation, Reporting, and Public Disclosure of Greenhouse Gas Emissions of the Act on Promotion of Global Warming Countermeasures. Under the said system, adjusted values for the CO<sub>2</sub> emission factor reflect deductions by CO<sub>2</sub> credits, etc., as well as the adjustment of environmental values in accordance with the Buyback Program for Solar Surplus Energy and the Feed-in Tariff Scheme for Renewable Energy.

#### Fuel change, decommission and suspension of operation for KEPCO's power plant

#### <Fuel Change> [Announced on October 30, 2018]

	Aioi Power Plant
	Unit 2
Capacity	375MW ⇒ <b>About 200 MW</b>
Fuel	Heavy oil and Crude oil ⇒ <b>Woody biomass</b>
Commencement of operation	$1982/11 \Rightarrow $ Scheduled in 2023
Period of suspension of operation	2018/4/1

#### <Reason for review of fuel change>

Actively promoting the development of renewable energy sources in light of S + 3E, we have decided to establish "Aioi Bioenergy Corporation" jointly with Mitsubishi Corporation Power Ltd., and to proceed with the review of fuel change in Unit 2 of Aioi Power Plant, in order to contribute to the diffusion and expansion of renewable energy and increase the rate of renewable energy.

#### <Reason for suspension of operation>

We have decided to suspend operation of Unit 2 due to preparations for a fuel switchover to wood biomass.

[Announced on December 13, 2019]

## <Suspension and Decommission of Operation> [Announced on March 1,2019]

-		, -					<b>-</b>	•		
	Kainan Power Plant (Thermal)				Gobo Power Plant (Thermal)	Okutataragi Power Plant (Hydro)	Tanagawa No.2 Power Plant (Thermal)			
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 2 Unit 3		Unit 1	Unit 2		
Capacity	Each 450MW Each 600MW			600MW	303MW	600	MW			
Fuel	Heavy oil and Crude oil			Heavy oil and Crude oil	_	Heavy oil a	nd Crude oil			
Commencement of operation	1970/5	1970/9	1974/4	1973/6	1984/11	1975/6	1977/7	1984/11		
Period of decommission of operation	2019/4/1 (Decommission)		2019/4/1 (Suspension)	2019/4/1 (Suspension)		/3/31 mission)				

#### <Reason for suspension of operation/abolition of power station>

Considering the downward trend in demand for Kepco's electricity against a backdrop of established power-saving practices and progress in energy conservation, a stable outlook of future supply-demand balance, and the situation of aging facilities, we have decided to decommission our Kainan Power Plant and Tanagawa No.2 Power Plant. We have also decided to suspend operation of Unit No. 2 at the Gobo Power Plant and Unit No. 3 at the Okutataragi Power Plant.

## **Efforts to realize DX (Digital Transformation)**

- OIn the medium-term management plan issued in March 2019, we've placed realization of DX as the driving power to promote efforts in a new "medium-term management plan", and in order to realize DX, ca.70 billion yen is scheduled to be invested during the three years from FY 2019 to FY2021.
- ○To realize our DX plans both in terms of "dramatic productivity improvement" and "new value creation", we are promoting about 450 projects not only in business areas like transmission, distribution and sales but also indirect areas like administration.

Categ	jory	Specific Projects	Actual Image
Dramatic Productivity	Big Data &AI etc. (about160)	Development of a program that uses AI to automatically detect ice flow/snow at hydropower plants  Making efforts on early detection of equipment trouble at thermal power plants using AI  K-VaCS, a remote monitoring service of thermal power plants using IoT  Fuel optimization at coal-fired thermal power plants  Automatic response system for outage information using AI, etc.	Only drift ice and snow are detected by image analysis
Improvement (about 410)	Drones & Robots etc. (about 50)	<ul> <li>Introduction of the automated tracking inspection technique of overhead wires using drones on a trial basis</li> <li>Piping inspections at hydropower plants using drones, etc.</li> </ul>	1781
	RPA Robotic Process Automation (about 200)	<ul> <li>Automating work for transcribing customer information</li> <li>Automating employment insurance operations</li> <li>Automating entry of accounting slips</li> <li>Automating acceptance and entry of a customer contract, etc.</li> </ul>	By Voice or app  Air  Air  Air  Air  Air  Air  Air  A
New Value Crea (about 40)	ation	New home appliance control services of "Hapi-e Miru Den" working with smart remote controllers and smart speakers Joint development of "Energy 2.0" next-generation energy platform "K-VIPs", an integrated platform system that supports operation of virtual power plants, etc.	App  TV  Smart  Controller  Smart  Speaker  ON/OFF

#### Kansai Electric Power Group Medium-term Management Plan

"Going a step ahead with eye on the future" FORWARD!!! [1] \*Published on March 26,2019

Keeping up with the new trends in social issues, ecology and technological innovation, the Kansai Electric Power Group will deliver new values that only it can create, thereby playing the role of a "foundation that supports the realization of a sustainable **future society**" and continuously contributing to customers and society.

<Image on "a shared infrastructure supporting the</p> realization of a sustainable society in the future">

To support the connection among all people and things while sharing various knowledge and information



Social

problems

**Solving social** problems

**Needs for low carbon** 

New ways to use energy

Energy field

Grid · City

**Mobility** 

**Service** 

Safe and stable supply/Safety, comfort,

convenience and economic efficiency To expand values provided by our group

Fields other than energy **Social infrastructure** Life design **Culture and** entertainment of Agriculture and food

Utilizing the "comprehensive strengths of our group" cultivated in the electric (in Japan/abroad), gas and group business

performance

**Environmental Innovation** 

Efforts to gain trust from all the people in our community including our custom の関西電カグループ power with heart and have them choose us

#### Direction of efforts

"Safety as Our Top Priority" and "Fulfilling Corporate Social Responsibilities"

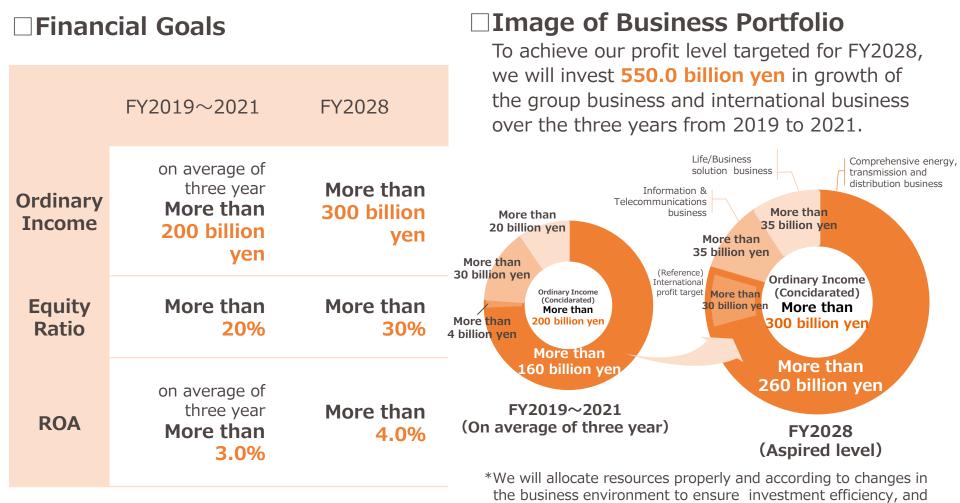
- •Fulfilling our responsibilities to provide electricity power safely and stably
- Making efforts to enhance our business foundation
- 1 To make efforts to reduce environmental load, including tackling climate change as a leading company of "decarbonization"
- 2 To provide "safe, comfortable, convenient" and economical energy services using the problem-solving power which we have cultivated
- 3 To create new business and services using the comprehensive strengths of our Group in order to help solve a range of issues of our customers and communities"

Motive power for promoting above efforts

4 To realize digital transformation for creating new values

## Kansai Electric Power Group Medium-term Management Plan

"Going a step ahead with eye on the future" FORWARD!!! [2] \*Published on March 26,2019



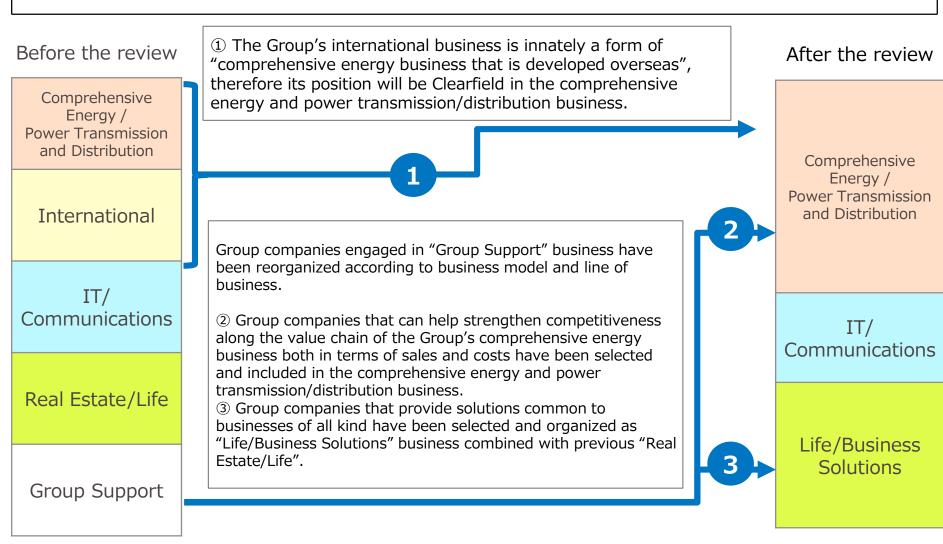
## **Shareholder Return Policy**

Our shareholder return policy is that, as the Kansai Electricity Power Group, we basically seek to improve corporate value and appropriately allocate business results to shareholders in the form of stable and sustainable dividends while ensuring financial soundness.

review the flexibility of our business portfolio.

## The overview of reviewing items to be considered in the Financial Targets

○The items to be considered in the Financial Targets have been reviewed as below in the Midterm Management Plan (2019-2021) of the Kansai Electric Group.



## Financial/corporate data (1)

<consoli< td=""><td>dated</td><td>15</td></consoli<>	dated	15

		3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20	3/20 Forecasts (Jan.2020)
Statement of operations												
Operating revenues	billion yen	2,769.7	2,811.4	2,859.0	3,327.4	3,406.0	3,245.9	3,011.3	3,133.6	3,307.6	3,184.2	3,250.0
Operating income or loss	billion yen	273.8	-229.3	-314.0	-71.7	-78.6	256.7	217.7	227.5	204.8	206.9	200.0
Ordinary income or loss	billion yen	237.9	-265.5	-353.1	-111.3	-113.0	241.6	196.1	217.1	203.6	211.5	200.0
Extraordinary profit	billion yen	_	_	_	_	_	_	_	_	_	_	_
Extraordinary loss	billion yen	37.1	_	_	_	_	_	_	_	30.9	24.1	_
Net income or loss(*)	billion yen	123.1	-242.2	-243.4	-97.4	-148.3	140.8	140.7	151.8	115.0	130.0	140.0
Net income/loss per share (EPS)	yen	137.66	-271.12	-272.43	-109.01	-166.06	157.59	157.58	170.01	128.83	145.55	156.7

Total assets	billion yen	7,310.1	7,521.3	7,635.1	7,777.5	7,743.3	7,412.4	6,853.1	6,985.0	7,257.3	7,612.7
Net assets	billion yen	1,832.4	1,529.8	1,278.1	1,213.1	1,060.2	1,201.8	1,344.6	1,472.7	1,532.9	1,641.7
Interest-bearing debt	billion yen	3,409.8	3,864.9	4,210.2	4,396.8	4,315.2	3,938.2	3,821.5	3,708.2	3,853.4	4,096.6
Equity ratio	%	24.8	20.1	16.5	15.3	13.4	15.9	19.3	20.8	20.9	21.0

#### Canital expenditures

Capital expelluitures											
Capital expenditures	billion yen	455.5	420.6	435.2	418.9	420.6	369.3	344.0	407.0	485.2	561.9

#### Financial data

i maneiai aata											
ROA (*)	%	4.0	-2.9	-3.9	-0.7	-0.7	3.9	3.4	3.7	3.3	3.2
Operating cash flow	billion yen	610.5	43.8	142.6	347.7	447.6	595.1	485.6	623.2	449.7	463.4
Free cash flow	billion yen	62.5	-364.4	-287.9	-3.2	59.0	204.2	139.9	176.0	-88.1	-113.9

(\*) The rate of business profit on total assets = business profit (ordinary income + interest expense) / total assets (average of beginning and end of term)

#### **Profit distribution to shareholders**

Total amount of dividend	billion yen	53.6	53.6	_	_	_	_	22.3	35.7	44.6	45
Share-buyback	billion yen	15.9	_	_	_	_	_	_	_	_	_
Total distribution (%)	billion yen	53.6	53.6	_	_	_	_	_	_	_	_
The rate of total distribution on net assets	%	3.0	3.2	_	_	_	_	_	_	_	_

(\*) ( total amount of dividend for Fiscal year (N) ) + ( share-buyback for Fiscal year (N+1) )

#### **Employees**

zmpioyees										
Employees	32,418	32,961	33,537	33,657	33,539	33,089	32,666	32,527	32,597	31,850

## Financial/corporate data (2)

%

%

%

\$/b

yen/\$

23.1

1.55

1.57

84.2

86

17.8

1.45

1.47

114.2

79

<non-consolidated></non-consolidated>												
		3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20	3/20 Forecasts (Jan.2020)
Statement of operations												
Operating revenues	billion yen	2,475.9	2,503.1	2,520.7	2,958.2	3,032.4	2,868.2	2,614.4	2,683.9	2,797.1	2,658.8	2,710.0
Operating income or loss	billion yen	225.1	-276.6	-363.3	-116.8	-130.8	208.5	164.5	165.4	133.9	125.6	130.0
Ordinary income or loss	billion yen	202.4	-302.0	-392.5	-122.9	-159.6	200.1	143.7	145.5	130.5	125.0	130.0
Extraordinary profit	billion yen	_	_	_	_	_	_	_	_	_	_	_
Extraordinary loss	billion yen	36.2	_	_	_	_	_	_	_	10.2	14.8	_
Net income or loss	billion yen	103.3	-257.6	-272.9	-93.0	-176.7	118.5	103.0	103.0	87.4	79.1	95.0
Net income/loss per share (EPS)	yen	115.47	-288.25	-305.35	-104.15	-197.72	132.63	115.32	115.30	97.85	88.53	106.33
Balance sheets												
Total assets	billion yen	6,457.5	6,660.4	6,757.6	6,916.2	6,768.9	6,433.0	5,834.9	5,946.1	6,404.5	6,747.8	
Net assets	billion yen	1,494.8	1,183.5	894.9	806.6	638.8	742.0	858.4	933.9	975.0	1,001.1	
Interest-bearing debt	billion yen	2,943.6	3,430.1	3,774.1	3,954.7	3,875.2	3,496.5	3,401.0	3,359.9	3,582.1	3,870.1	

13.2

1.38

1.37

113.9

83

11.7

1.30

1.34

110.0

100

9.4

1.27

1.29

90.4

110

11.5

1.23

1.25

48.8

120

14.7

1.09

1.14

47.5

108

15.7

0.89

0.97

57.0

111

15.2

0.65

0.74

72.1

111

14.8

0.55

0.60

67.8

109

Approx.65

Approx.115

Nuclear capacity factor	%	78.2	37.6	17.7	10.9	0.0	1.0	0.0	23.9	54.6	48.4	Approx.49
Water run-off ratio	%	109.1	110.5	95.3	100.1	104.2	112.9	99.1	107.2	103.1	98.6	Approx.100
Interest rate [long-term prime rate]	%	1.50	1.45	1.24	1.24	1.15	1.11	0.95	0.99	1.00	0.96	Approx.1.00
Sensitivity of Major factors												
All japan CIF crude oil price (\$1/b)	billion yen	3.3	6.9	7.9	9.6	10.6	9.8	6.8	5.4	4.9	4.3	3.7
Exchange rate [TTM] (1yen/\$)	billion yen	5.2	12.4	13.4	13.0	12.2	6.6	5.5	4.8	5.0	4.3	4.7
Nuclear capacity factor (1%)(%)	billion yen	5.0	9.4	9.5	11.3	11.9	6.2	4.6	3.3	4.1	3.7	3.9
Water run-off ratio (1%)	billion yen	0.9	1.5	1.6	1.9	1.9	1.2	0.9	1.1	1.2	1.1	1.2
Interest rate [long-term prime rate] (1%)	billion yen	4.4	5.6	6.3	5.3	5.7	5.3	6.7	7.6	9.3	8.7	9.9

(※)The sensitivity of nuclear capacity factor per 1% for FY2014 and before was calculated based on the capacity before decommissioning of Mihama Nuclear Power Station Units 1 and 2. (※)The sensitivity of nuclear capacity factor per 1% from FY2014 to FY2016 was calculated based on the capacity before decommissioning of Ohi Nuclear Power Station Units 1 and 2.

**Employees** 

Equity ratio

**Major factors** 

Interest rate as of fiscal year-end

Interest rate during fiscal year

All japan CIF crude oil price

Exchange rate [TTM]

zinpioyees										
Employees	20,277	20,484	20,714	20,813	20,628	19,914	19,533	19,243	18,884	18,141

## Financial/corporate data (3)

<Non-Consolidated(Billion yen)>

Revenues and Expenses	3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20
Ordinary revenues	2,505.5	2,532.2	2,546.7	3,008.0	3,074.7	2,913.3	2,653.4	2,704.9	2,823.7	2,686.9
(Operating revenues)	(2,475.9)	(2,503.1)	(2,520.7)	(2,958.2)	(3,032.4)	(2,868.2)	(2,614.4)	(2,683.9)	(2,797.1)	2,658.8
Electricity sales	2,347.6	2,338.6	2,354.2	2,751.6	2,784.1	2,594.0	2,296.6	2,236.6	2,212.2	2,089.3
Grant under act on purchase of renewable energy sourced electricity	_	_	11.4	40.8	68.6	102.5	130.5	148.6	162.5	177.9
Others	157.9	193.5	181.0	215.5	221.9	216.7	226.1	319.6	449.0	419.6
Ordinary expenses	2,303.1	2,834.2	2,939.3	3,130.9	3,234.3	2,713.2	2,509.6	2,559.4	2,693.2	2,561.9
Personnel expenses	238.7	236.0	231.2	198.1	195.9	196.7	204.6	217.2	216.5	207.4
Fuel costs	387.4	776.8	919.8	1,159.2	1,186.5	710.3	523.5	520.1	538.2	456.9
Backend expenses of nuclear power	93.9	73.4	57.7	52.8	42.9	37.6	32.2	59.9	89.8	83.5
Maintenance costs	275.8	272.5	202.6	178.5	184.6	185.3	189.5	184.1	177.0	194.2
Taxes other than income taxes	152.8	148.8	145.6	149.8	148.4	148.0	148.4	144.7	144.4	139.2
Depreciation	339.6	316.9	294.7	298.3	298.1	281.7	277.4	250.7	244.4	187.6
Purchased power	378.2	530.3	567.9	554.9	571.1	493.5	461.6	466.7	516.8	454.1
Interest expenses	46.9	46.3	49.9	51.5	50.6	46.7	42.9	33.3	26.5	22.8
Levy under act on purchase of renewable energy sourced electricity	_	_	19.2	43.0	84.2	167.0	230.6	260.0	294.2	289.5
Others	389.3	432.9	450.3	444.4	471.5	445.9	398.5	422.3	444.9	526.3
Ordinary income or loss	202.4	-302.0	-392.5	-122.9	-159.6	200.1	143.7	145.5	130.5	125.0

## Financial/corporate data (4)

<Total electricity sales (TWh)>

	•	`	3/1:	1 3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20	3/20 Forecasts (Jan.2020)
			_	-	_	-	-	_	-	122.5	132.7	122.5	122.9

<Retail electricity sales (TWh)>

	3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20	3/20 Forecasts (Jan.2020)
Residential	52.3	50.0	49.0	48.4	45.9	44.1	43.7	41.8	37.7	34.8	-
Commercial and	20.0	0.5.0	00.7	00.4	00.6	00.5	77.0	<b>70 5</b>	00.0	70.0	
Industrial	98.8	96.0	92.7	92.1	88.6	83.5	77.8	73.5	80.2	78.2	-
Total	151.1	146.0	141.8	140.4	134.5	127.5	121.5	115.2	117.8	113.0	-

<sup>\*1</sup> Some rounding errors may be observed.

<Electricity sales to other utility and non-utility companies (TWh) >

3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20	3/20 Forecasts (Jan.2020)
2.4	3.3	2.3	2.4	3.3	3.1	3.9	7.3	14.9	9.5	-

<sup>\*2</sup> Not including imbalance electric energy, which is not yet determined as at the end of the term.

<Non-consolidated CAPEX (billion yen)>

	3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20	3/20 Forecasts (Jan.2020)
Power generating facilities	165.2	129.4	157.2	184.7	145.8	116.2	99.6	127.1	169.5	245.9	-
Transmission	40.9	37.7	40.4	36.6	40.3	41.0	40.4	44.5	52.9	53.9	-
Transformation	40.2	37.6	34.3	33.1	36.1	34.5	35.6	32.8	29.4	28.2	-
Distribution	30.1	29.9	28.9	25.4	26.0	28.3	24.5	24.3	29.5	33.6	-
Others	26.4	29.5	35.8	22.4	22.6	16.8	13.1	12.4	26.6	28.0	
Subtotal	302.8	264.1	296.6	302.2	270.8	237.0	213.5	241.4	308.1	389.8	-
Nuclear fuel	58.2	55.0	37.8	22.8	29.0	16.4	14.3	53.0	58.2	55.3	<u>-</u>
Total	361.0	319.1	334.4	325.0	299.8	253.4	227.9	294.5	366.3	445.1	-
Non-electric business	1.1	0.8	0.1	-	0.2	0.7	4.5	0.9	3.0	2.0	
Grand total	362.1	319.9	334.5	325.0	300.0	254.1	232.4	295.4	369.3	447.2	Approx.525.0

## Financial/corporate data (5)

er Generation(TWh)>	( ): composition ratio, %								
	3/17	3/18	3/19	3/20					
Hydro	13.4( 14)	13.8(15)	13.5(13)	13.5( 14)					
Oil/others	6.6(7)	1.9(2)	1.2( 1)	0.2( 0)					
LNG	61.9(65)	52.7(56)	49.5(47)	47.5(48)					
Coal	13.1( 14)	13.1(14)	10.5(10)	10.2(10)					
Total	81.5(86)	67.8(72)	61.2(58)	57.9(59)					
Nuclear	-0.4( 0)	12.9( 14)	30.1(29)	26.7(27)					
New energy sources	0.1( 0)	0.1(0)	0.0(0)	0.0( 0)					
Total	94.5(100)	94.5(100)	104.8(100)	98.2(100)					
ility companies	34.9	27.5	21.3	22.6					
oy hydropower	-1.7	-1.5	-2.3	-2.6					
	127.8	120.5	123.9	118.2					
	Oil/others LNG Coal Total Nuclear New energy sources Total dility companies by hydropower	Hydro	Hydro	Hydro   13.4( 14)   13.8( 15)   13.5( 13)     Oil/others   6.6( 7)   1.9( 2)   1.2( 1)     LNG   61.9( 65)   52.7( 56)   49.5( 47)     Coal   13.1( 14)   13.1( 14)   10.5( 10)     Total   81.5( 86)   67.8( 72)   61.2( 58)     Nuclear   -0.4( 0)   12.9( 14)   30.1( 29)     New energy sources   0.1( 0)   0.1( 0)   0.0( 0)     Total   94.5(100)   94.5(100)   104.8(100)     ility companies   34.9   27.5   21.3     by hydropower   1.17   -1.5   -2.3     127.8   120.5   123.9					

\* Kepco's FY 2016 figures represent sending end.

\* Some rounding errors may be observed.

\* "Other-non-utility companies" does not include imbalance electric energy, which is not yet determined as at the end of the term.

<total pow<="" th=""><th>er Generation(TWh)&gt;</th><th></th><th></th><th></th><th></th><th>( ): compos</th><th>sition ratio, %</th></total>	er Generation(TWh)>					( ): compos	sition ratio, %
		3/11	3/12	3/13	3/14	3/15	3/16
	Hydro	15.1(11)	15.0(12)	13.0(11)	13.3(12)	13.6(12)	14.8( 15)
	Oil/others	5.6(4)	19.1(16)	23.6(20)	27.0(23)	19.5(18)	15.2( 15)
	LNG	31.5(24)	43.7(36)	49.3(43)	52.5(46)	62.3(57)	58.4(57)
KEPCO	Coal	12.3(9)	12.4(10)	14.0(12)	12.8(11)	13.4(12)	12.9(13)
KLFCO	Total	49.4(38)	75.2(61)	86.9(75)	92.2(80)	95.2(87)	86.5(85)
	Nuclear	67.0(51)	32.3(26)	15.2(13)	9.3(8)	0( 0)	0.8(1)
	New energy sources	0.1( 0)	0.1(0)	0.1(0)	0.1( 0)	0.1(0)	0.1( 0)
	Total	131.5(100)	122.6(100)	115.1 (100)	114.9(100)	108.8(100)	102.3(100)
Other-non-u	tility companies	30.4	33.0	33.9	36.0	35.7	35.5
Other-utility	companies	5.5	5.0	6.0	2.9	2.8	1.3
Captive use	by hydropower	-2.8	-2.1	-1.7	-1.6	-1.4	-1.1
Total		164.6	158.6	153.3	152.2	145.9	138.1
+ 1/ 1- E			and the second				

\* Kepco's figures of FY 2015 and older represent generating end.

\* Some rounding errors may be observed.

\* Regarding generated and purchased electric power, Kepco-generated electric power represents generating-end figures, while purchase from Other-non-utility companies and Other-utility companies represents receiving-end figures.

\* Electricity of PPS is included in purchased electricity from other companies.

#### <Power source combination (10MW)>

		3/19	3/20
Hydro		823(24)	823(27)
Fossil-fired	Oil/others	747(22)	379(12)
	LNG	1,018(30)	1,018(33)
	Coal	180(5)	180(6)
	Total	1,944(57)	1,577(52)
Nuclear		658(19)	658(22)
New energy	sources	1( 0)	1( 0)
Total	·	3,426(100)	3,059(100)

\* Purchased electricity from other companies is not included in the above table.[Only our company]

<power sou<="" th=""><th>arce combination (10</th><th>MW)&gt;</th><th></th><th></th><th></th><th></th><th></th><th>( ): compos</th><th>sition ratio, %</th></power>	arce combination (10	MW)>						( ): compos	sition ratio, %
		3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18
Hydro		891(22)	891(22)	892(22)	892(21)	894(21)	897(19)	897(19)	897(20)
Fossil-fired	Oil/others	864(21)	864(21)	864(21)	853(20)	857(20)	874(19)	788( 17)	788(18)
	LNG	776(19)	779(19)	786(19)	872(21)	1,018(24)	1,018(22)	1,093(23)	1,055(24)
	Coal	512(13)	499(12)	499(12)	499(12)	499(12)	507(11)	507(11)	512(12)
	Total	2,153(53)	2,142(53)	2,149(53)	2,224(53)	2,374(55)	2,399(52)	2,388(51)	2,355(53)
Nuclear		1,033(25)	1,033(25)	1,033(25)	1,033(25)	1,015(23)	966(21)	966(21)	731 (16)
New energy sources		_	_	7( 0)	25(1)	49(1)	375(8)	408(9)	468(11)
Total		4,077(100)	4,066(100)	4,081 (100)	4,174(100)	4,332(100)	4,637(100)	4,659(100)	4,452(100)

\* Purchased electricity from other companies is included in the above table.

\* Some rounding errors may be observed.

\* Solar power generation is included in new energy sources from 3/13.

## Financial/corporate data (6)

<Profit and loss by business segment (billion yen) >

		3/20	3/20 Forecasts (Jan. 2020)
Gas/ Other Energies	Operating revenues(external transactions)	333.7	
Gas/ Other Energies	Ordinary income	45.0	30.0
IT/Communications	Operating revenues(external transactions)	220.3	_
11/Communications	Ordinary income	34.1	27.0
Real Estate/Life	Operating revenues(external transactions)	124.7	
Real Estate/Life	Ordinary income	20.5	21.0
Other	Operating revenues(external transactions)		
Other	Ordinary income	▲ 25.2	<b>▲</b> 1.0

<sup>\*</sup> Figures in this page are before eliminations, and excluding exchange gain or loss unrealized.

<Profit and loss by business segment (billion yen) >

		3/17	3/18*2	3/19
Gas/ Other Energies	Operating revenues(external transactions)	93.2	141.2	210.8
Gas/ Other Energies	Ordinary income	6.2	7.1	2.7
IT/Communications	Operating revenues(external transactions)	185.6	203.1	217.7
11/Communications	Ordinary income	18.3	25.1	33.4
Real Estate/Life	Operating revenues(external transactions)	95.5	111.7	123.9
rear Estate/ Ene	Ordinary income	12.8	14.5	21.0
Other	Operating revenues(external transactions)	80.7	81.3	86.8
Other	Ordinary income	23.5	28.8	31.3
*1 Figures in this page are	before eliminations, and excluding exchange gain or loss unrealized.	_		
International Business	Profit (Reference)	-1.0	-2.0	-26.7

<sup>\*2</sup> Described from the FY 2016 after setting the medium-term management plan

#### 

3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20
0.69	0.88	0.88	0.86	0.74	0.72	0.71	0.97	1.21	1.39

<sup>\*3</sup> equivalent to LNG(Total sum of Gas and LNG)

<Number of FTTH subscribers (million subscribers) >

3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20
11.82	12.98	13.96	14.84	15.28	15.90	16.25	16.30	16.42	16.50

<sup>\*4</sup> Following a change to the definition of recording the number of services, the aggregation method has been changed since April 2018

#### <Number of houses sold (units)>

3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20
533	729	1,022	1,156	777	712	630	605	783	818

#### For further information

Planning Group (Investor Relations) Office of Accounting and Finance The Kansai Electric Power Co., Inc.

Telephone : +81 6 6441 8821 (Operator)

Facsimile : +81 6 6441 0569

Website : http://www.kepco.co.jp