

Financial results for 3Q of FY ending 3/2021 & Financial forecasts for FY ending 3/2021

January 29, 2021
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 for 3Q of FY ending 3/2021 Overview Financial highlights (consolidated) Financial results for 3Q of FY ending 3/2021 Major factors Consolidated statements of income Factors affecting consolidated ordinary income Factors affecting consolidated ordinary income Fiffects caused by COVID-19 Financial highlights for 3Q of FY ending Appendix Non-consolidated results compared with last year (KEPCO) Non-consolidated results compared with last year (Kansai TD) Non-consolidated results compared with last year (Vansai TD) Non-consolidated results co
Overview Financial highlights (consolidated) Financial results for 3Q of FY ending 3/2021 Major factors Consolidated statements of income Segment information Factors affecting consolidated ordinary income Fiffects caused by COVID-19 Financial results for 3Q of FY ending
•Financial highlights (consolidated) Financial results for 3Q of FY ending 3/2021 •Major factors •Consolidated statements of income •Segment information •Factors affecting consolidated ordinary income •Effects caused by COVID-19 •Ordinary income by business segment •Effects caused by COVID-19 (full year- forecast) •Actual supply and demand (Sending end) •Actual supply and demand (Sending end) •Maintenance costs and depreciation in comparison •Mith the previous term •Time lag from the fuel cost adjustment system •Framework of feed-in tariff scheme for renewable energy •Electricity and gas sales efforts in the Kansai area •Advantages when choosing "Nattoku Pack" •Cordinary income by business segment •Effects caused by COVID-19 •Interest-bearing debt (Consolidated) •Actual supply and demand (Sending end) •Actual supply and demand (
*Effects caused by COVID-19 (full year- forecast) 20 *Interest-bearing debt (Consolidated) 21 *Actual supply and demand (Sending end) 22 *Maintenance costs and depreciation in comparison with the previous term *Consolidated statements of income 5 *Time lag from the fuel cost adjustment system 24 *Segment information 6 *Framework of feed-in tariff scheme for renewable energy 25 *Effects caused by COVID-19 8 *Advantages when choosing "Nattoku Pack" 27
Financial results for 3Q of FY ending 3/2021 ·Major factors ·Consolidated statements of income ·Segment information ·Factors affecting consolidated ordinary income ·Effects caused by COVID-19 ·Interest-bearing debt (Consolidated) ·Actual supply and demand (Sending end) ·Maintenance costs and depreciation in comparison with the previous term ·Time lag from the fuel cost adjustment system ·Framework of feed-in tariff scheme for renewable energy ·Electricity and gas sales efforts in the Kansai area ·Advantages when choosing "Nattoku Pack" ·Interest-bearing debt (Consolidated) ·Actual supply and demand (Sending end) ·Time lag from the fuel cost adjustment system ·Framework of feed-in tariff scheme for renewable energy ·Electricity and gas sales efforts in the Kansai area ·Advantages when choosing "Nattoku Pack"
*Actual supply and demand (Sending end) *Actual supply and demand (Sending end) *Major factors *Major factors *Consolidated statements of income *Segment information *Factors affecting consolidated ordinary income *Effects caused by COVID-19 *Actual supply and demand (Sending end) *Maintenance costs and depreciation in comparison with the previous term *Time lag from the fuel cost adjustment system *Framework of feed-in tariff scheme for renewable energy *Electricity and gas sales efforts in the Kansai area *Advantages when choosing "Nattoku Pack" **Time lag from the fuel cost adjustment system **Framework of feed-in tariff scheme for renewable energy **Electricity and gas sales efforts in the Kansai area **Advantages when choosing "Nattoku Pack"
**Major factors
•Consolidated statements of income •Segment information •Factors affecting consolidated ordinary income •Effects caused by COVID-19 •Time lag from the fuel cost adjustment system •Time lag from the fuel cost adjustment system •Framework of feed-in tariff scheme for renewable energy •Electricity and gas sales efforts in the Kansai area •Advantages when choosing "Nattoku Pack" • **Advantages when choosing "Nattoku Pack"
 Consolidated statements of income Segment information Factors affecting consolidated ordinary income Effects caused by COVID-19 Time lag from the fuel cost adjustment system Framework of feed-in tariff scheme for renewable energy Electricity and gas sales efforts in the Kansai area Advantages when choosing "Nattoku Pack"
•Segment information 6 •Framework of feed-in tariff scheme for renewable energy 25 •Framework of feed-in tariff scheme for renewable energy 26 •Electricity and gas sales efforts in the Kansai area •Advantages when choosing "Nattoku Pack" 27
•Factors affecting consolidated ordinary income 7 •Electricity and gas sales efforts in the Kansai area •Advantages when choosing "Nattoku Pack" 27
•Effects caused by COVID-19 8 · •Advantages when choosing "Nattoku Pack" 27
•Segment results (in comparison 9 • Associated companies 28
with the previous term.) 14 Outline of Kansai Transmission and Distribution, Inc 29
• Outline of gas business
•Outline of International Business
•Asset portfolio of International Business
■ Financial forecasts for FY ending 3/2021 Outline of IT/Communications business 33
•Financial forecasts (in comparison 15 •Outline of Life/Business Solutions business 34
with the previous term) 35
I •Initiatives on climate change issues and CO2 reduction
• The KEPCO Group's introduction and development plan of
renewable energy
•Fuel change plan, suspension and decommission of operation 38

for KEPCO's power plant

*Published on March 26,2019

•Efforts to realize DX (digital transformation)

•Kansai Electric Power Group Medium-term Management Plan "Going a step ahead with eye on the future" FORWARD!!!

Overview(1)

< 3Q of FY ending 3/2021 Earnings Results >

Overview ·Consolidated : <u>decreased revenue and income</u>

Revenue

•Affected by the intensifying competition and COVID-19, the decrease of electricity sales with the reduction of retail electric sales volume in Power Generating/Sales Business and the decrease of Operating revenues of Housing and Hotel Business in Life/Business Solution Business led to **decrease in revenue**.

Cost and Profit

- Ordinary expenses decreased because we strived for efficient management thoroughly and fossil fuel cost decreased with the changes in fuel price and the decrease of retail sales volume in Power Generating/Sales Business despite the decrease of the nuclear capacity factor. And it is also because the depreciation cost in IT/Communication business decreased.
- •Ordinary income decreased because the decrease in revenue exceeded the decrease in costs.

> Perspective

- •It is in <u>tough results</u> because of <u>the fall of the nuclear capacity factor</u> due to stopping operations since early November, <u>the fall of electricity sales volume by the largest amount since the Heisei era</u> due to the intensifying competition and COVID-19, and <u>decreased income in Transmission and</u>
 <u>Distribution Business and Life/Business Solution Business</u>.
- •We will continuously advance the further efficient management in order to attain the profit levels.

Overview(2)

< FY 3/2021 Financial and Dividend Forecasts >

- Since we announced the financial forecasts on October 29, 2020, various situations have changed, however, **FY 3/2021 financial and year-end dividend forecasts have been unchanged**.
- <Main changes in the situations >
 - •The decrease in the nuclear capacity factor due to the extension of the periodical inspections of Takahama No.3 and No.4 and Ohi No.3
- •Tight supply/demand conditions due to cold weather and supply shortages, etc.
- The financial effects by the tight supply/demand conditions are not foreseen at present, but they affect Ordinary income to the extent. Besides, the decrease of the nuclear capacity factor leads to decrease of Ordinary income. However, because we strive to improve profit levels by advancing the further efficient management, we have not changed FY 3/2021 financial and year-end dividend forecasts.

Financial highlights (Consolidated)

(billion yen)	FY 3/2020-3Q	FY 3/2021-3Q	Change	Ratio
Operating revenues	2,361.3	2,184.2	△177.0	△7.5%
Operating income	168.8	142.9	△25.8	△15.3%
Ordinary income	187.5	161.1	△26.4	△14.1%
The net income attributable to owners of the parent company		115.1	△20.7	△15.3%

(billion yen)	Mar. 31, 2020	Dec. 31, 2020	Change
Interest-bearing debt	4,096.6	4,314.7	+218.0
Equity ratio	21.0%	21.5%	+0.5%

Major factors

Major factors		FY 3/2020-3Q	FY 3/2021-3Q	Change	
Total electric sales (TWh)*1*2*3		94.9	86.6 (91.3)	△8.3	
	Retail electric s	ales	84.0 (97.5)	74.9 (89.1)	△9.1
		Residential	24.2 (92.9)	23.3 (96.3)	△0.9
		Commercial and Industrial	59.8 (99.4)	51.6 (86.2)	△8.2
	Electricity sales to other non- utility companies		10.9	11.7	+0.8
Electricit	y demand in Kan	sai area(TWh)	99.5	95.6	△3.9
Gas sales volume (10,000t)		96	109	+14	
Nuclear	capacity factor(%)	48.9	31.3	△17.6
Water run-off ratio (%)		95.3	95.2	△0.1	
All Japan CIF crude oil price (\$/barrel)		67.8	39.0	△28.8	
Exchange rate [TTM] (yen/\$)		109	106	△3	
Interest	rate [long-term prin	ne rate](%)	0.97	1.03	+0.06

^{*1 ():} Changes from the previous term, %

^{*2} Total electricity sales in power generation and sales business

^{*3} Figures in 3Q of FY 3/2020 are after adjusting of the impacts of spin-off the transmission and distribution business.

Consolidated statements of income

	(billion yen)	FY 3/2020-3Q	FY 3/2021-3Q	Change
Ordinary revenues (Operating revenues)		2,403.9 (2,361.3)	2,223.7 (2,184.2)	△180.1 (△177.0)
	Electric operating revenues	1,872.4	1,700.3	△172.0
	Other operating revenues	488.8	483.8	△4.9
	Non-operating revenues	42.6	39.5	△3.0
Ord	linary expenses	2,216.3	2,062.6	△153.7
	Electric operating expenses	1,769.9	1,626.5	△143.3
	Other operating expenses	422.6	414.6	△7.9
	Non-operating expenses	23.8	21.4	△2.4
Ord	linary income	187.5	161.1	△26.4
rese	vision for or reversal of erve for fluctuation in er level	△1.1	△1.0	+0.1
Inco	ome taxes	51.7	45.7	△6.0
Net	income	135.9	115.1	△20.7
Cor	mprehensive income	148.9	126.9	△21.9

- Sales of external transactions in KEPCO △214.4
- · Sales of external transactions in Kansai-TD +42.3
- · Sales of external transactions in subsidiaries \triangle 7.8
- · Sales of external transactions in non-electric business +2.8
- ·Costs for subsidiaries \triangle 3.4 \triangle 4.5
- ·Costs for non-electric business

^{*} The consolidated net income means the net income attributable to owners of the parent company.

Segment information

		F`	Y 3/2020-3C)	F	Y 3/2021-30			Change	ange		
	(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		
F	Comprehensive nergy/Power ransmission and Distribution Business	2,784.3	2,107.4	146.4	2,600.9	1,937.7	160.6	△183.4	△169.6	+14.1		
	Power Generating and Sales	1,826.5	1,713.5	73.1	1,608.5	1,499.1	96.7	△217.9	△214.4	+23.5		
	Transmission and Distribution	629.2	178.8	43.8	647.1	223.1	27.8	+17.8	+44.3	△15.9		
	Gas/Other Energies	328.4	215.0	29.4	345.2	215.4	36.0	+16.7	+0.3	+6.5		
ı	T/ Communications	211.6	164.3	27.1	211.2	162.4	31.3	△0.4	△1.9	+4.2		
ı	ife/Business Solutions	124.2	89.5	17.4	118.7	84.1	11.9	△5.4	△5.4	△5.4		
To	tal	3,120.2	2,361.3	191.0	2,930.9	2,184.2	203.8	△189.3	△177.0	+12.8		
Е	iminations/Corporate	△758.9	_	△3.4	△746.6	-	△42.7	+12.3	_	△39.2		
Co	onsolidated	2,361.3	2,361.3	187.5	2,184.2	2,184.2	161.1	△177.0	△177.0	△26.4		
*1	*1. We rearranged the segment due to the spin off of the power transmission and distribution business on April 1, 2020											

- *1 We rearranged the segment due to the spin-off of the power transmission and distribution business on April 1, 2020.
- *2 Results for 3Q of FY 3/2020 have been rearranged as the transmission and distribution business was split off from KEPCO.
- 2 Results for 3Q of FT 3/2020 flave been realianged as the transmission and u
- *3 Power generating and sales business includes operating holding company.
 *4 Eliminations/Corporate includes Eliminations of dividend income from subsidiaries, and so on.

*reshown Gas/Other Energies business and Power Generating and Sales business (Some cases do not match the ordinary income by business segment because it includes the extraordinary gain/loss.)

(billion yen)

FY 3/2020-3Q

FY 3/2021-3Q

Change

Breakdown of changes in International Business: Increase due to increase in dividend income from foreign investee

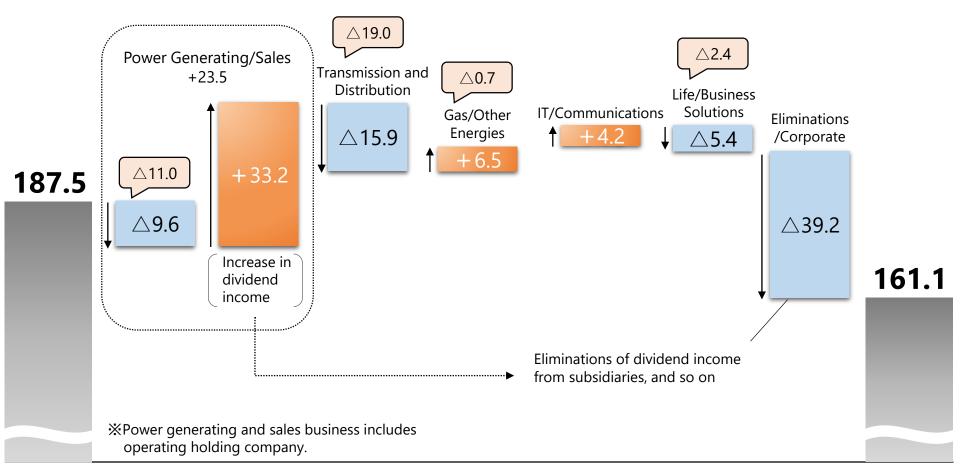
(billion yen)	FY 3/2020-3Q	FY 3/2021-3Q	Change
International Business	0.1	2.8	+2.6

Consolidated Ordinary Income: 26.4 Billion Yen Decrease

(billion yen)

Comprehensive Energy/Power Transmission and Distribution Business: 14.1 Billion Yen Increase

Markup balloons indicate the effects caused by COVID-19 (total: 33.1decrease)



FY 3/2020-3Q FY 3/2021-3Q

Effects caused by COVID-19

	(billion yen)	Ordinar	ets on ^{* 1} y income y 3/2021)	Breakdown
Co Por Dis	mprehensive Energy/ wer Transmission and stribution Business		△30.7	
	Power Generating and Sales		△11.0	• Decrease in retail electricity sales △3.3 TWh Decrease in total electricity sales △26.0 Decrease in revenue of wheeling service + 15.0
	Transmission and Distribution		△19.0	•Decrease in the electricity demand in Kansai area \triangle 4.0 TWh *2
		associated companies	△0.7	•Decrease in the passengers in Kurobe Gorge Railway, etc.
IT	/ Communications	△3.1	_	_
Li	fe/Business Solutions		△2.4	•Decrease in revenues of hotel business, administrative fee of commercial facilities and so on
Tot	al ^{*3}		△33.1	

^{*1} The effects above are calculated based on the present circumstances, including the figures calculated on the certain assumptions.

^{*2} Decreases in retail electricity sales volume and electricity demand in Kansai area are calculated by assuming that COVID-19 effects are what excludes the effects that can be calculated such as temperature effects.

^{*3} The full year forecast of effects caused by COVID-19 have been unchanged from "43.0 billion yen decrease".

Segment results: Power Generating/Sales

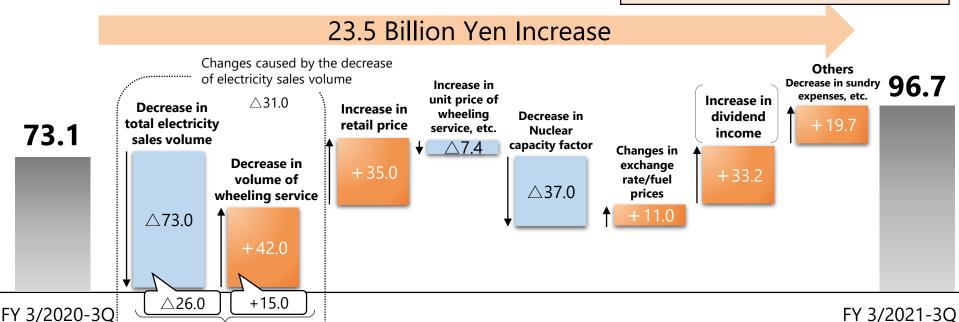
△11.0

<Results>

(billion yen)	FY 3/2020-3Q	FY 3/2021-3Q	Change
Operating revenues	1,826.5	1,608.5	△217.9
Operating revenues (external transactions)	1,713.5	1,499.1	△214.4
Ordinary income	73.1	96.7	+23.5
Excluding dividend income	(61.0)	(51.3)	(△9.6)

<Factors affecting ordinary income (in comparison with the previous term) >

Markup balloons indicate the effects caused by COVID-19



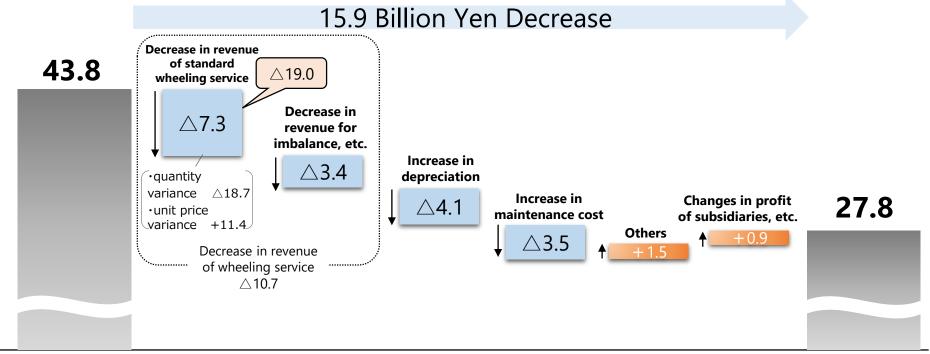
Segment results: Transmission and Distribution

\leq Resul	ts $>$
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(billion yen)	FY 3/2020-3Q	FY 3/2021-3Q	Change
Operating revenues	629.2	647.1	+17.8
Operating revenues (external transactions)	178.8	223.1	+44.3
Ordinary income	43.8	27.8	△15.9

< Factors affecting ordinary income (in comparison with the previous term) >

Markup balloons indicate the effects caused by COVID-19



FY 3/2020-3Q

FY 3/2021-3Q

Segment re	suits :	Gas/Other	Energies
/Dagulta\			

<results></results>					
(billion yen)	FY 3/2020-3Q	FY 3/2021-3Q	Change		
Operating revenues	328.4	345.2	+16.7		
Operating revenues (external transactions)	215.0	215.4	+0.3		
Ordinary income	29.4	36.0	+6.5		
< Breakdown of change	ges >	(bracke	ts indicate previous →current results)		
	6.5 Billion Ye	en Increase			
29.4 $+6.7$ Share of gain/loss of entities accounted for using equity method (12.8 \rightarrow 13.3) Subsidiaries, etc. (15.8 \rightarrow 15.0)					
FY 3/2020-3Q					
Operating revenues	Increased revenue because	e of the increase in constructions for	KEPCO, etc.		
Operating revenues (external transactions)					
KEPCO's non-electricity business Increased income because of the increase in gas sales volume and the decrease in fuel cost by the fall in crude oil price in gas business, etc.					
KEPCO's non-electricity business Increased income because of the increase in gas sales volume and the decrease in fuel cost by the fall in crude oil price in gas business, etc. Share of gain/loss of entities accounted for using equity method Subsidiaries, etc. Increased income because of the increased income of affiliated company accounted for using the equity method Decreased income due to changes in oil price in fuel upstream business despite increased income because of the increased income of affiliated company accounted for using the equity method Subsidiaries, etc.					
Subsidiaries, etc. Decreased income due to changes in oil price in fuel upstream business despite increased income because of the increase in constructions for KEPCO, etc.					

Segment results: IT/Communications

<Results>

(billion yen)	FY 3/2020-3Q	FY 3/2021-3Q	Change
Operating revenues	211.6	211.2	△0.4
Operating revenues (external transactions)	164.3	162.4	△1.9
Ordinary income	27.1	31.3	+4.2
OPTAGE Inc.	(27.2)	(31.5)	(+4.3)

<Breakdown of changes >

Operating revenues	Decreased revenue because of the exclusion of a subsidiary from
Operating revenues (external transactions)	consolidation in spite of the increase in income with the increased subscribers of consumer service
Ordinary income	Increased income because of the increase in subscribers of consumer service and decrease in depreciation* *decrease in depreciation: caused by completion of the depreciation to the end of the durable years of the facilities of FTTH business

Segment results: Life/Business Solution

<Results>

(billion yen)	FY 3/2020-3Q	FY 3/2021-3Q	Change
Operating revenues	124.2	118.7	△5.4
Operating revenues (external transactions)	89.5	84.1	△5.4
Ordinary income	17.4	11.9	△5.4
Kanden Realty & Development Co., Ltd.	(15.3)	(12.1)	(△3.1)

<Breakdown of changes >

Operating revenues	Decreased revenue because of the sales of specific large-scaled
Operating revenues (external transactions)	properties in the previous term in housing business and reduced operation due to impacts of COVID-19 in hotel business, etc.
Ordinary income	Decreased income because of the decrease in operating revenues

(billion yen)	Mar. 31, 2020	Dec. 31, 2020	Change	
Assets	7,612.7	7,814.1	+201.4	Capital expenditures +373.1 Depreciation and amortization △211.5
Liabilities	5,970.9	6,090.2	+119.2	Interest bearing debt $+218.0$ Accounts payable and accrued expenses $\triangle 87.8$
Equity	1,641.7	1,723.9	+82.2	Net income $*$ +115.1 Dividend \triangle 44.6 (25.00yen per share for FY 3/20 year-end 25.00yen per share for FY 3/21 interim)

 $^{^{}st}$ The consolidated net income means the net income attributable to owners of the parent company.

FY 3/2021 Financial forecasts (in comparison with the previous term)

*** FY 3/2021 financial and dividend forecasts have been unchanged.**

* Major factors and sensitivity of major factors are as of the announcement on Oct. 29, 2020 for references.

(billion yen)	FY 3/2020 (results)	FY 3/2021 (forecasts)	Change	Ratio	
Operating revenues	3,184.2	2,980.0	△204.2	△6.4%	
Operating income	206.9	120.0	△86.9	△42.0%	
Ordinary income	211.5	130.0	△81.5	△38.5%	
The net income attributable to owners of the parent	130.0	90.0	△40.0	△30.8%	

<Major factors>

			FY3/2020 (results)	FY 3/2021 (forecasts)	Change
To	tal Elec	tricity sales (TWh) *1,*2	127.3	115.2	△12.2
	Retai	l electric sales	113.0	101.3	△11.7
		Residential	34.8	33.6	△1.2
		Commercial and Industrial	78.2	67.7	△10.5
	Electi	ricity sales to other companies	14.3	13.9	△0.4
Ele	ctricity	demand in Kansai area (TWh)	134.8	130.6	△4.1
Ga	s sales	volume (10,000t)	139	150	+11
Nu	ıclear c	apacity factor (%)	48.4	Approx. 42	Approx. △6.4
Wa	ater run	-off ratio (%)	98.6	Approx. 102	Approx. +3.4
All Japan CIF crude oil price (\$/barrel)		67.8	Approx. 38	Approx. △29.8	
Exchange rate [TTM] (yen/\$)		109	Approx. 109		
Int	erest ra	ite [long-term prime rate](%)	0.96	Approx. 1.0	Approx. +0.04

<Sensitivity of major factors>

(billion yen)	FY 3/2020 (results)	FY 3/2021 (forecasts)			
Nuclear capacity factor per 1%	3.7	2.2			
Water run-off ratio per 1%	1.1	0.8			
All Japan CIF crude oil price per \$1/barrel	4.3	3.0			
Exchange rate [TTM] per ¥1/\$	4.3	3.0			
Interest rate [long-term prime rate] per 1%	8.7	10.1			
Sensitivity of major factors denotes sensitivity of expenses.					

- 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.

<Dividend forecast for FY ending 3/2021>

	Interim	Year-end	Annual
Dividend per share	25.00yen	25.00yen	50.00yen

^{*1} Total electricity sales in power generation and sales business

^{*2} Figures in FY 3/2020 are after adjusting of the impacts of spin-off the transmission and distribution business.

Appendix

△69.0

Non-consolidated results compared with last year (KEPCO)

(billion yen)	FY 3/2020-3Q	FY 3/2021-3Q	Change
Ordinary revenues (Operating revenues)	1,943.1 (1,915.2)	1,762.9 (1,699.9)	△180.1 (△215.3)
Electricity sales	1,554.6	1,352.8	△201.7
Grant under act on purchase of renewable energy sourced electricity	122.6	119.6	△2.9
Others	265.8	290.4	+24.5
Ordinary expenses	1,869.1	1,658.7	△210.4
Personnel expenses	83.7	78.4	△5.2
Fuel costs	342.2	275.8	△66.4
Backend expenses of nuclear power	61.8	31.8	△30.0
Maintenance costs	47.5	53.8	+6.2
Taxes other than income taxes	38.7	35.3	△3.3
Depreciation	62.9	66.9	+3.9
Purchased power	330.8	288.2	△42.5
Interest expenses	17.3	15.8	△1.4
Levy under act on purchase of renewable energy sourced electricity	215.6	192.7	△22.8
Expenses for wheeling service	403.9	369.2	△34.6
Others	264.3	250.2	△14.1
Ordinary income (Operating income)	73.9 (64.6)	104.2 (58.9)	+30.3 (△5.6)
Provision for or reversal of reserve for fluctuation in water level	△1.1	△1.0	+0.1
Income taxes	18.2	17.8	△0.4
Net income	56.9	87.4	+30.5

- •Decrease in retail electricity sales volume $\triangle 145.0$
- Decrease in adjusted fuel cost
- Decrease in the surcharge for promoting renewable energy sourced electricity
- \triangle 22.9 •Increase in retail price +35.0
- Dividend income +33.2
- •Thermal $\triangle 60.0$ •Nuclear $\triangle 6.3$
 - *Decrease in retail electricity sales volume \triangle 72.0
 - •Increase in sold electricity to nonutility companies +6.0
 - •Decrease in purchased electricity to non-utility companies +15.0
 - Decrease in Nuclear capacity factor + 56.0
 - •Change of exchange rate and fuel costs $\triangle 69.0$
- •Quantity variance \triangle 42.0 •Unit price variance, etc. +7.4

^{*}Results for 3Q of FY 3/2020 have been rearranged as the transmission and distribution business was split off from KEPCO.

Non-consolidated results compared with last year (Kansai-TD)

(billion yen)	FY 3/2020-3Q	FY 3/2021-3Q	Change
Ordinary revenues (Operating revenues)	592.5 (589.6)	605.3 (601.6)	+12.8 (+12.0)
Wheeling service	500.7	490.0	△10.7
Grant under act on purchase of renewable energy sourced electricity	20.5	36.2	+15.6
Others	71.2	79.1	+7.8
Ordinary expenses	551.6	581.2	+29.6
Personnel expenses	74.3	74.8	+0.5
Maintenance costs	73.8	77.3	+3.5
Taxes other than income taxes	65.8	65.5	△0.3
Depreciation	76.6	80.8	+4.1
Purchased power	114.1	137.3	+23.2 -
Interest expenses	8.1	7.6	△0.4
Others	138.7	137.6	△1.0
Ordinary income (Operating income)	40.8 (46.6)	24.0 (28.3)	△16.8 (△18.2)
Income taxes	14.2	9.4	△4.8
Net income	26.6	14.6	△12.0

Increase in expense of purchase of renewable energy + 17.9
 Increase in expenses for dispatchable generators +4.0

^{*}Results for 3Q of FY 3/2020 have been rearranged as the transmission and distribution business was split off from KEPCO.

Retail Electricity sales

<Retail Electricity sales for FY ending 3/2021>

(TWh)	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	3Q Total
Residential	2.8	2.6	2.1	2.4	3.3	3.0	2.2	2.4	2.6	23.3
	(94.2)	(94.8)	(95.1)	(103.2)	(96.7)	(102.5)	(92.2)	(95.9)	(92.4)	(96.3)
Commercial and Industrial	5.5	5.0	5.5	6.1	6.5	6.6	5.8	5.3	5.4	51.6
	(85.8)	(79.1)	(84.2)	(86.3)	(86.8)	(90.2)	(85.9)	(88.5)	(88.8)	(86.2)
Retail	8.4	7.6	7.5	8.4	9.7	9.6	8.0	7.7	8.0	74.9
Electricity sales	(88.4)	(83.8)	(86.9)	(90.5)	(89.9)	(93.7)	(87.6)	(90.7)	(89.9)	(89.1)

^{*1} Figures in () are year-on-year %

<Breakdown of retail electricity sales>

(TWh)	FY 3/2020- 3Q	FY 3/2021- 3Q	Change	Meter reading	Temperature	Demand	Others
Residential	24.2	23.3	△0.9	+0	+0.4	△1.2	△0.1
Commercial and Industrial	59.8	51.6	△8.2	+0	+0.1	△5.1	△3.2
Retail Electricity sales	84.0	74.9	△9.1	+0	+0.5	△6.3	∴∆3.3

<a>Average monthly temperature>

"Others" includes the effects caused by COVID-19.

(°C)	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Actual	13.7	20.8	24.9	26.0	30.7	25.8	18.7	14.7	8.7
Year-on year change	△0.4	△0.2	+2.0	△0.5	+1.6	+0.1	△2.0	+1.0	△0.8
Anomaly	△1.4	+1.1	+1.4	△1.4	+1.9	+0.8	△0.3	+1.1	+0.1

^{*2} Retail electricity sales in Power generation/Sales business

Ordinary Income by business segment

*FY 3/2021 financial forecasts have been unchanged.

* Major factors and sensitivity of major factors are as of the announcement on Oct. 29, 2020 for references.

		FY 3/2020	O (results)	FY 3/2021	(forecasts)	Change	
	(billion yen)	Operating revenues (external transactions)	Ordinary income	Operating revenues (external transactions)	Ordinary income	Operating revenues (external transactions)	Ordinary income
En	omprehensive nergy/Power ansmission and stribution Business	2,839.2	167.8	2,636.0	133.0	△203.2	△34.8
	Power Generating and Sales	2,287.1	58.9	1,999.0	48.0	△288.1	△10.9
	Transmission and Distribution	248.7	71.7	316.0	57.0	+67.3	△14.7
	Gas/Other Energies	303.3	37.1	321.0	28.0	+17.7	△9.1
IT	/ Communications	220.3	34.1	220.0	35.0	△0.3	+0.9
Li	fe/Business Solutions	124.7	20.5	124.0	9.0	△0.7	△11.5
Tot	al	3,184.2	222.6	2,980.0	177.0	△204.2	△45.6
Eli	minations/Corporate	_	△11.0	_	△47.0	_	△36.0
Cor	nsolidated	3,184.2	211.5	2,980.0	130.0	△204.2	△81.5

^{*1} We rearranged the segment due to the spin-off of the power transmission and distribution business on April 1, 2020.

(billion yen)	FY 3/2020 (results)	FY 3/2021 (forecasts)	Change
International Business	Δ25.2	1.5	+26.7

Breakdown of changes in International Business: The reactionary increase due to temporary loss recorded in the previous fiscal year

^{*2} Results for FY 3/2020 have been rearranged as the transmission and distribution business was split off from KEPCO.

^{*3} Power generating and sales business includes operating holding company.

^{*4} Eliminations/Corporate includes Eliminations of dividend income from subsidiaries, and so on.

Effects caused by COVID-19 (full year- forecast)

* Effects caused by COVID-19 (full year-forecast) are as of the announcement on Oct. 29, 2020 for references.

	(billion yen)	Effects Ordinary i		Breakdown
Po	mprehensive Energy/ wer Transmission and stribution Business	2	∆39.0	
	Power Generating and Sales	2	∆13.0	• Decrease in retail electricity sales △3.9 TWh Decrease in total electricity sales △31.0 Decrease in revenue of wheeling service + 18.0
	Transmission and Distribution	Ž	∆24.0.÷	•Decrease in the electricity demand in Kansai area △4.9 TWh ^{*2}
	Gas/Other Energies	associated companies	Δ2.0	• Decrease in the dividend due to the decrease in electricity demand of the area of the investment in International business, etc.
IT	/ Communications		_	
Li	fe/Business Solutions		∆4.0	• Decrease in revenues of Hotel business, Tenant renting business, etc.
Tot	al		∆43.0	

^{*1} The effects above are calculated based on the present circumstances, including the figures calculated on the certain assumptions.

^{*2} Decreases in retail electricity sales volume and electricity demand in Kansai area are calculated by assuming that COVID-19 effects are what excludes the effects that can be calculated such as temperature effects.

Interest-bearing debt (Consolidated)

	(billion yen)	Mar. 31, 2020	Dec. 31, 2020	Change
Во	nds	1,314.0	1,214.2	△99.8 (+100.0、△199.8)
Во	rrowings	2,486.6	2,838.5	+351.9 (+795.5、△441.9)
	Long-term	2,342.0	2,691.1	+349.0 (+596.2、△245.9)
	Short-term	144.5	147.3	+2.8 (+199.3、△196.0)
Com	mercial paper	296.0	262.0	△34.0 (+452.0、△486.0)
Inter debt	est-bearing	4,096.6	4,314.7	+218.0
	Interest rate (%) of fiscal year-end)	0.57	0.51	△0.06

^{*1 +(}plus) in the bracket means financing, \triangle (minus) in the bracket means repayment.

^{*2} Change includes foreign exchange loss/gain, and total in the bracket may not be congruent.

Actual supply and demand (Sending end)

	(GWh)	FY 3/2020- 3Q	Composition ratio	FY 3/2021- 3Q	Composition ratio	Change
	Hydro	10,297	14%	10,181	15%	△116
	Thermal	42,923	58%	43,463	65%	+540
	Nuclear	20,283	28%	12,926	19%	△7,356
	Renewable energy	9	0%	24	0%	+15
	KEPCO Total	73,512	100%	66,594	100%	△6,918
0	ther-utility companies	17,158		14,318		△2,840
	Captive use by hydropower	△1,974		△1,800		+174
	Total	88,696		79,112		△9,584

^{*1} Some rounding errors may be observed.

^{*2} Figures in 3Q of FY 3/2020 are after adjusting of the impacts of spin-off the transmission and distribution business.

^{*3} Actual supply and demand in Power generating/sales business

Maintenance costs and depreciation in comparison with the previous term

<KEPCO>

(billion yen)	FY 3/2020-3Q	FY 3/2021-3Q	Change	Breakdown
Maintenance costs	47.5	53.8	+ 6.2	Thermal $+7.9$ Hydro $+0.7$ Nuclear $\triangle 2.4$
Depreciation	62.9	66.9	+ 3.9	Nuclear +1.9 General +1.3

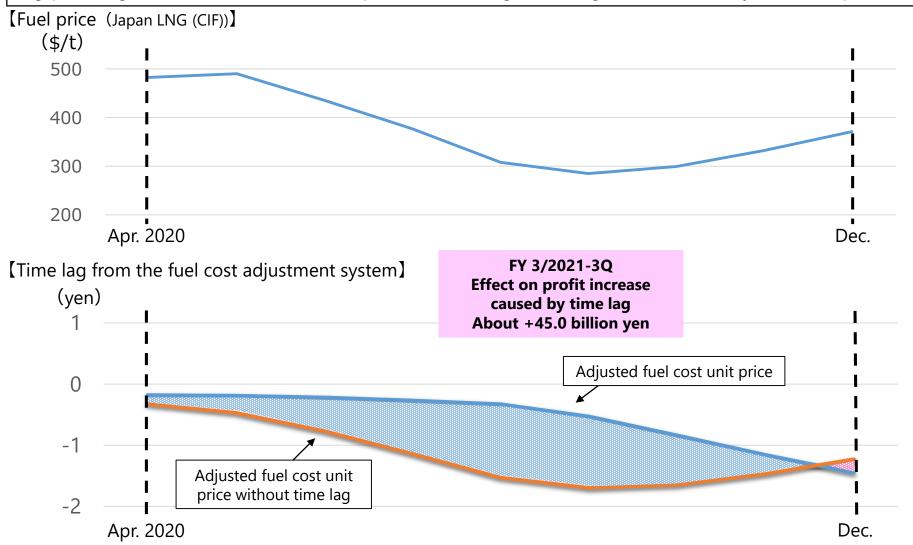
< Kansai Transmission and Distribution, Inc. >

(billion yen)	FY 3/2020-3Q	FY 3/2021-3Q	Change	Breakdown
Maintenance costs	73.8	77.3	+3.5	Distribution $+4.2$ Transmission $\triangle 0.8$
Depreciation	76.6	80.8	+4.1	

^{*} Figures in 3Q of FY 3/2020 are after adjusting of the impacts of spin-off the transmission and distribution business.

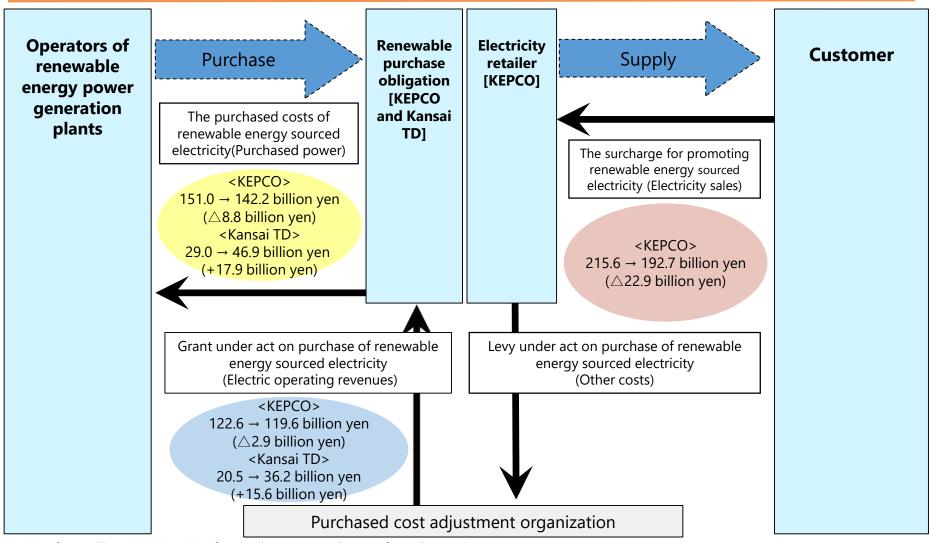
Time lag from the fuel cost adjustment system

- O 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.
- O Fluctuations in fuel prices of each month are 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.



^{*}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.

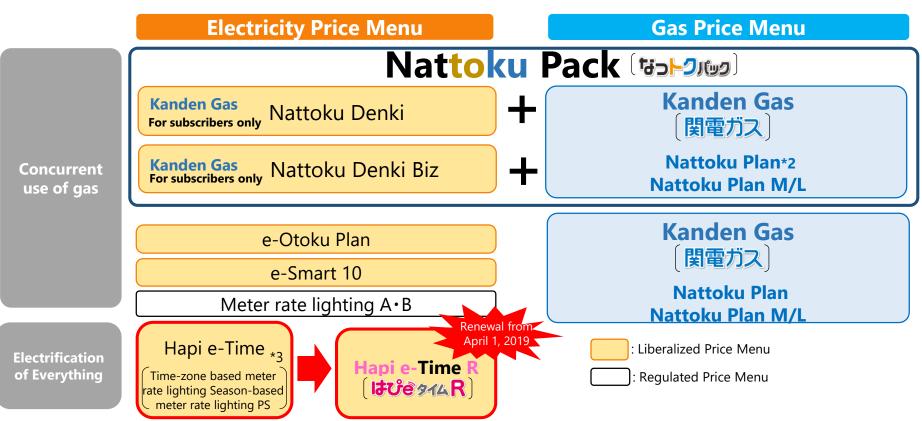
Framework of feed-in tariff scheme for renewable energy



- * 3Q of FY ending 3/2020 → 3Q of FY ending 3/2021 (changes from the previous term)
- * Due to the spin-off of the power transmission and distribution business, 3Q of FY ending 3/2020 results have been reclassified.
- * 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 was changed to general electricity transmission and distribution businesses and others.

Electricity and gas sales efforts in the Kansai area

- OKEPCO has various Electricity and Gas Price menu and has <u>responded customers' lifestyle</u> and needs.
- <u>" Nattoku Pack"</u> is available by customers using our electricity and gas. Both the rate of electricity and gas can be reduced regardless of the use amount.
- O"Hapi e-Time R" service is available by customers using Eco Cute equipment. The rate can be reduced by shifting the use of electricity to the time zone of the lower rate.



^{*1:} 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.

^{*2:} Nattoku Plan (eo Discount) and Nattoku Plan for Chuo Electric Power are excluded.

^{*3:} 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 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 (Tolumber)

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

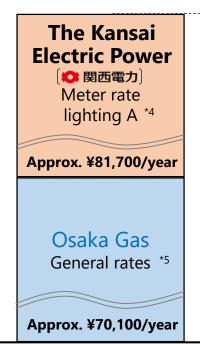
Customer with average consumption of electricity and gas

(Monthly consumption: Electricity 260 kWh, Gas 31 m³)*2

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

Electricity rate

Gas rate



The Kansai Electric Power (文 関西電力) Nattoku Denki Approx. ¥78,800/year Kanden Gas (関電ガス) Nattoku Plan ・Discount on bundled electricity contract (3%) *6

Approx. ▲ 10,100 yen

Total

Electricity and gas contracts with different companies

Approx. ¥151,800/year

Nattoku Pack (なっトクルショ)

Approx. ¥ 141,700 /year

^{*1:} Except for the cases of no amount used.

^{*2: (}Computational condition) Monthly electricity consumption (260kWh) and monthly gas consumption (31m³) refer to a model case publicly announced by Osaka Gas.

^{*3:} Electricity rate includes consumption tax and renewable energy surcharges (applicable between May 2020 and April 2021), and it doesn't include fuel cost adjustment. Gas rate includes consumption tax and it doesn't include raw material cost adjustment calculated with the unit price of raw material cost adjustment and other factors.

^{*4:} Bank transfer discount is applied to Meter-Rate Lighting A.

^{*5:} General Rates are based on the General Gas Supply Provisions of Osaka Gas (implemented on October 1, 2019).

^{*6:} 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)

Po	Comprehensive Energower Transmission and Dis	IT/Communications	Life/Business	
Power Transmission and Distribution	Gas/Other	Energies	,	Solution
(Consolidated Subsidiaries) • Kansai Transmission and Distribution,Inc. • Kanden Engineering Corporation • The Kanden Service Co., Ltd.	(Consolidated Subsidiaries) • Kanden Energy Solution Co., Inc. • Sakai LNG Co., Inc. • Echizen Eneline Co., Inc. • Fukui City Gas • 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. • KANSO CO., LTD • Osaka Bioenegy Co., Ltd. • Kanden Gas Support Co., Inc. • KE Fuel International Co., Ltd. • Biopower Kanda • LNG EBISU Shipping Corporation • LNG FUKUROKUJU Shipping Corporation	• LNG JUROJIN Shipping Corporation • LNG SAKURA Shipping Corporation • Kansai Electric Power Holdings Australia Pty Ltd • Kansai Energy Solutions (Thailand) Co., Ltd. • Kansai Electric Power Australia Pty Ltd • KPIC USA, LLC • Kansai Sojitz Enrichment Investing S.A.S. • KE Fuel Trading Singapore Pte Ltd. • KPIC Netherlands B.V. etc. Total:42 (Affiliates accounted for by equity method) • Japan Nuclear Fuel Limited • Kinden Corporation • Enegate Co., Ltd • San Roque Power Corporation	(Consolidated Subsidiaries) •OPTAGE Inc. •Kanden Systems Co., Ltd. •K4 Digital etc. Total:8	(Consolidated Subsidiaries) •Kanden Realty & Development 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 Joy Life Co., Ltd. •Kanden Life Support Co., Ltd. •Kansai Electron Beam Co., Ltd. •Gekidaniino G.K. •Kanden CS Forum Inc. •Kanden Office Work Co., Ltd. •The Kanden L&A Co., Ltd. •The Kanden L&A Co., Ltd. •KANDEN AMENIX Corp. •K4 Ventures •Kaiko Yukinoya G.K. etc.
Total:3		Total:4		Total:33

* As of Dec. 31, 2020

Overview of Kansai Transmission and Distribution, Inc.

- OKansai Transmission and Distribution, Inc. (Kansai TD), which took over the electricity transmission and distribution business from KEPCO to ensure greater neutrality of that business, was established in April 2020.

 OAS KEPCO did, Kansai TD will work for customers and communities based on giving the highest priority to
- OAs KEPCO did, Kansai TD will work for customers and communities based on giving the highest priority to safety and meeting our CSR.

<Overview>

•Name : Kansai Transmission and Distribution, Inc.

·Capital : 40 billion yen

•Service : Osaka, Kyoto, Hyogo (some exclusions), Nara, Shiga, Wakayama, and parts of Mie,

Gifu and Fukui

• Employees: 9,055 (As of April 1, 2020)

* Excluding transferred employees, persons on leave, etc.

·Group : Kanden Engineering Corporation The Kanden Service Co., Ltd.

Transmission and Distribution business

• In order to deliver electricity from power stations to customers, the business operates and manages the power system and plans and constructs power transmission and distribution plants.





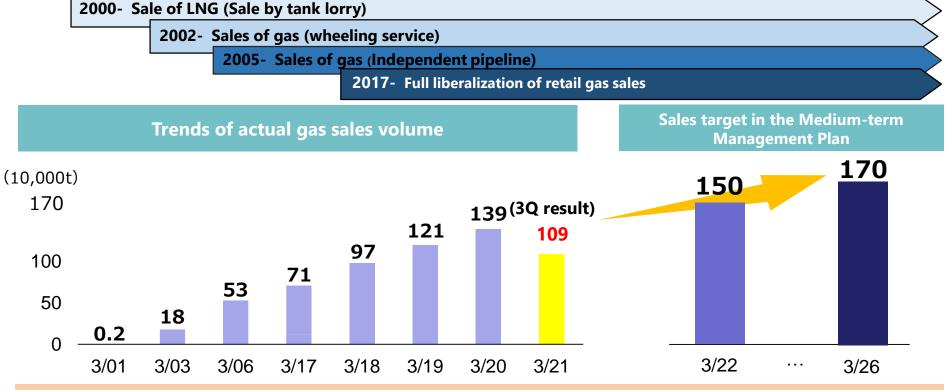
New business

International business

•Kansai TD will proactively engage in the operation of new businesses and international businesses by cooperating with group companies and other businesses as well as using the technical strengths, know-how and the infrastructure across Kansai area which have been developed through the power transmission and distribution business in Japan.

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 FY 3/2022 and 1.7 million tons in FY 3/2026.



Profit and loss for gas business, gas sales, etc. in 3Q of FY ending 3/2021

(billion yen)	FY3/2020- 3Q	FY3/2021- 3Q	Change
Operating revenues	83.6	86.2	+ 2.6
Operating expenses	85.6	81.2	△4.4
Operating income	△2.0	5.0	+ 7.1

(10,000t)	FY3/2020- 3Q	FY3/2021- 3Q	Change
gas sales volume	96	109	+14

 Number of contracts for Kanden gas as of Dec. 31, 2020 :approx. 1.39 million

Outline of International Business

O 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 FY 3/2029.

Total output by KEPCO's investment: Approx. 2,861 MW. Of which, total investment amount to 14 projects in operation is approx. 160 billion yen. (36% collected by dividends, etc.)

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	421
	Australia	Bluewaters Thermal power	2009/12	459	50	229
	LIC	West Deptford Thermal power	2014/11	768	17.5	134
In operation	US	Hickory-Run Thermal power	2020/5	1,000	30	300
	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	_
	Philippines	Power Distribution and Retail Sales in New Clark City	2019/11	_	9	_
	US	Aviator Onshore Wind Farm Project	2020/9	525	48.5	255
	Indonesia	Tanjung Jati B Thermal Power	Scheduled 2021	2,140	25	535
	Finland	Piiparinmäki wind farm project	Scheduled 2021	211	15	32
Under construction		Triton Knoll Offshore Wind Power Project	Scheduled 2022	857	16	137
	UK	Moray East Offshore Windfarm project	Scheduled 2022	952	10.02	95
Under	US	St. Joseph Phase II Thermal power	Scheduled 2023	Approx. 710	20	
development	UK•Germany	NeuConnect Interconnector	Scheduled 2024	_	18.3	_

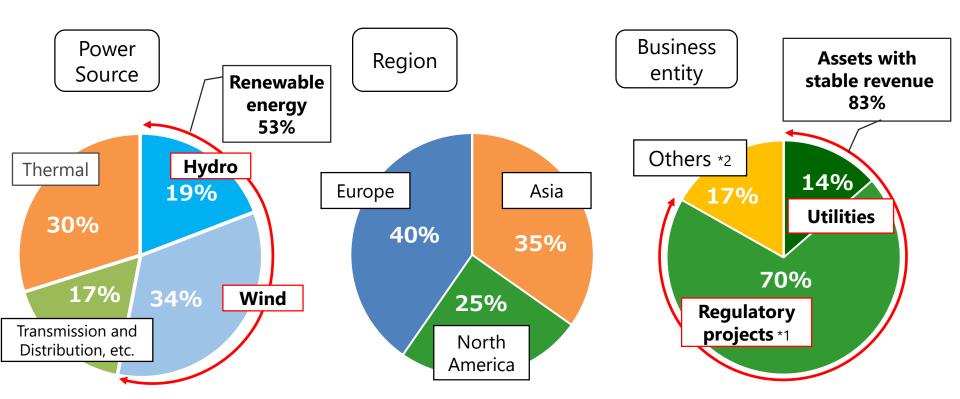
^{*} Some rounding errors may be observed.

Asset portfolio of International Business

- OBy power source, the ratio of renewable energy is expanding up to 50%.
- OBy region, we disperse assets in Asia, Europe and North America in terms of growth and stability.
- OBy business entity, assets with stable revenue such as utilities and renewable IPP projects with subsidies are about 80%.
- OWe continue to expand assets with stable revenue and renewable energy projects.

< Asset portfolio (ratio of the amount we invested*) >

(As of December 31, 2020)



^{*} Excluding projects declared impairment

^{*1} PPA, renewable IPP projects with subsidies and transmission & distribution, etc.

^{*2} IPP for supplying the markets, etc.

Outline of IT/Communications business

O 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 FY 3/2029.

Key Businesses and Accomplishments of IT/Communications Business

Consumer Service MVNO FTTH, etc. OPTAGE For Business Data center (Watch 24hours 365days)

[Results and target of Medium-term Management Plan]

(billion yen)	FY 3/2020 (Results)	FY 3/2021 (Forecasts)	FY 3/2020 ~FY 3/2022 on average (Target)	FY 3/2029 (Aspired level)	FY 3/2021- 3Q (Results)
Ordinary income	34.1	35.0	More than 30.0	More than 35.0	31.3

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 acquired more than 1.65 million contracts and stable profits. We have become the first to provide the 10G/5G services to respond the customers' needs for high-speed and large-capacity data communication.
- 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)

- We have <u>acquired more than 1.2 million contracts</u>. We started to provide 5G service and plan to renewal our fee plans to be more fascinated in February 2021, aiming to acquire more contracts.
- <u>Co-creation of services with customers</u> such as community site, "Yuzurune", <u>are resulting in high customer satisfaction</u>.

[Co-creation services Yuzurune]

[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

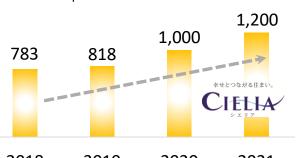
O As well as consolidated real estate business, such as real estate leasing, sales, management, and leisure, centered on the core company, Kanden Realty & Development Co., Ltd., the Group provides home security, healthcare temporary, staffing and other services that help peoples' life and business. We are proactively expanding business areas and business domains (diversifying revenue sources), aiming to achieve over 35.0 billion yen in ordinary income for FY 3/2029.

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]





2018 2019 2020

Capital injection to Australian building fund

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

[Results and target of Medium-term Management Plan]

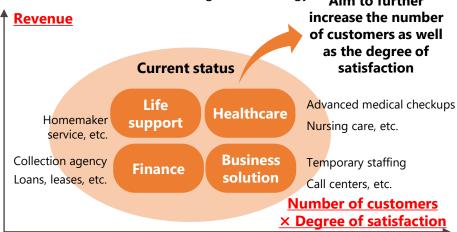
(billion yen)	FY 3/2020 (Results)	FY 3/2021 (Results)	FY 3/2020 ~FY 3/2022 on average (Target)	FY 3/2029 (Aspired level)
Ordinary income	23.7	9.0	More than 20.0	More than 35.0

FY 3/2021 3Q (Results)

11.9

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. Aim to further



[Key services]

Life **Support**

Deliver safety and security through home/office security services

(Number of contracts as of the end of FY 3/2020: Approx. 54,000)

Finance

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

Health care

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



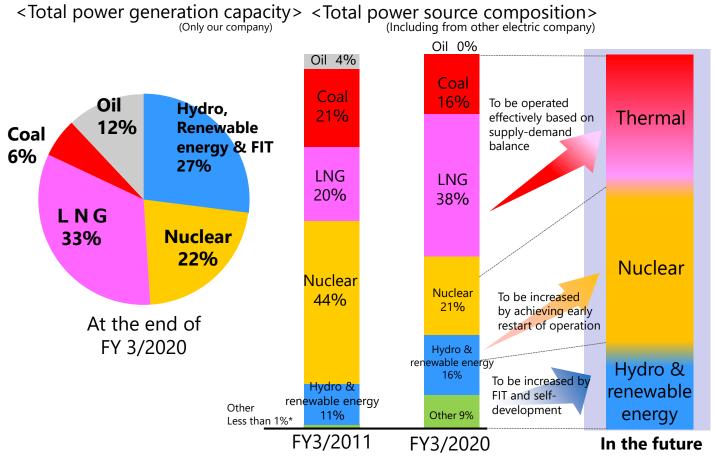


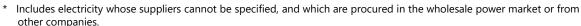
[Kansai Medical Net]

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

KEPCO's power source composition

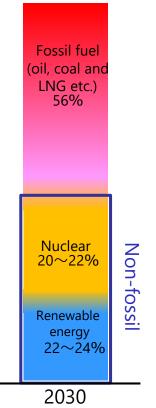
○ As a leading company of low carbon initiatives, KEPCO will move forward with the safe and stable operation of nuclear power plants, the development and utilization of renewable energies, and combining thermal power and pumped-storage hydropower generation as well, to achieve an optimal power source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





Some rounding errors may be observed.

<Fifth Basic Energy Plan>

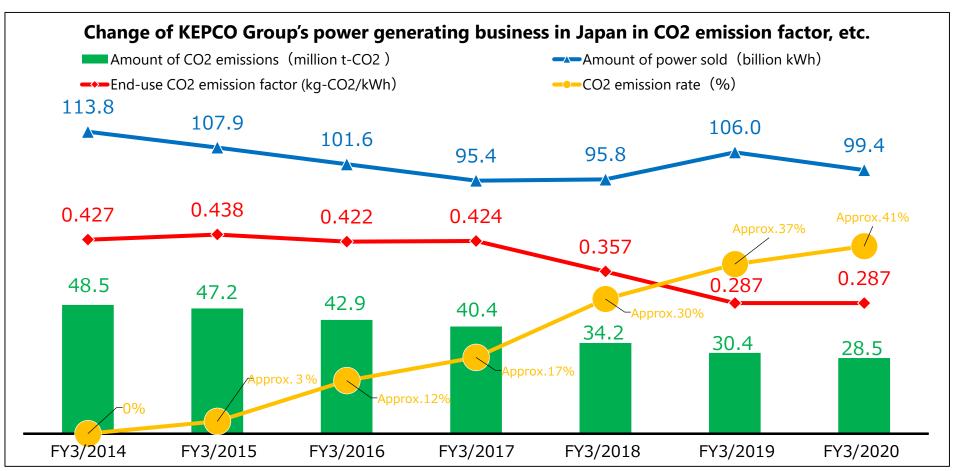


"The Fifth Basic Energy Plan" defined by the government

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

Initiatives on climate change issues and CO2 reduction

- OIn 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 FY 3/2031, compared with that of FY 3/2014.
- As the leading company of "low carbon initiatives", we have restarted Takahama units 3 and 4 and Ohi units 3 and 4, and worked to continue their safe and stable operation. We also have worked to develop and install renewable power plants. These efforts contributed to reduce by approximate 40% of the CO2 emissions from the power generating business in Japan compared with that of FY 3/2014.



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

- O 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.
- O Equipment capacity for renewable energy sources in Japan and overseas: Approx. 4.75 million kW including power stations before operation. (as of December 31, 2020)

Domestic power stations

• Power stations in operation (completed): approx. 3,456MW; power stations before operation: approx. 349MW; Total: approx. 3,805MW (as of December 31, 2020)

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
CO ₂ emission. reduction	Approx. 25,000 t/year	Approx.16,000 t/year	Approx. 17,000 t/year	Approx. 5,500,000 t/year
Main power stations in operation	Sakai Solar Power Station Arida Solar Power Station etc.	•Awaji Wind Power •Tahara No.4 Wind Power Station	•Asago-shi Biomass Power Generation Business etc.	•Nagatono power station (Upgraded) etc.
Power stations before operation	•Banshu Mega Solar Power Plant	 Akita Noshiro offshore wind power station Northern Akita offshore wind power station etc. 	•Fukuoka Kanda-machi biomass •Fukushima lwaki-shi biomass etc.	•Shin-Sakagami power station •Shin-Utsubo power station etc.
	Sakai Solar Power Station	Awaji Wind Power	Asago-shi Biomass Power Generation Business	Nagatono power station

- * CO2 emissions are calculated based on our CO2 emission coefficient in operation power scale in FY3/2020 with the national average coefficient 0.462kg-CO2/kWh in FY 3/2019.
- 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. 685MW; power stations before operation: approx. 264MW; Total: approx. 949MW (as of December 31, 2020)

	Hydro Power		Wind Power	
Power source capacity of power stations in operation	Approx. 376MW	San Roque Hydropower	Approx. 309MW	Evalair Limited
CO ₂ emission reduction	Approx. 460,000 t/year	- Charles	Approx. 71,000 t/year	AND THE RESERVE OF THE PERSON
Main power stations in operation	 San Roque Hydropower (Philippines) Ming Jian Hydropower (Taiwan) Rajamandala Hydropower (Indonesia) Nam Ngiep Hydropower (Laos) 		•Evalair Limited(Ireland) •Aviator Onshore Wind Farm Project (US)	
Power stations before operation	_		•Triton Knoll Wind Power Project(UK) •Moray East Offshore Windfarm Project(UK) •Piiparinmäki wind farm project(Finland)	

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

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

<u>J</u>				
	Aioi Power Plant			
	Unit 2			
Capacity	375MW ⇒ About 200 MW			
Fuel	Heavy oil and Crude oil ⇒ Woody biomass			
Commencement of operation	1982/11 ⇒ 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.

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

	Kainan Power Plant (Thermal)			Gobo Power Plant (Thermal)	Okutataragi Power Plant (Hydro)	
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 2	Unit 3
Capacity	Each 450MW Each 600MW		600MW	303MW		
Fuel	Heavy oil and Crude oil			Heavy oil and Crude oil	_	
Commencement of operation	1970/5	1970/9	1974/4	1973/6	1984/11	1975/6
Period of decommission of operation	2019/4/1 (Decommission)		2019/4/1 (Suspension)	2019/4/1 (Suspension)		

[Announced on December 13, 2019]

Tanagawa No.2 Power Plant (Thermal) * long-term planed suspension from April in 2005				
Unit 1	Unit 2			
600MW				
Heavy oil and Crude oil				
1977/7	1977/8			
2020/3/31 (Decommission)				

<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)

- On 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 3/2020 to FY 3/2022.
- 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.

Category		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)	 Introduction of the automated tracking inspection technique of overhead wires using drones on a trial basis Piping inspections at hydropower plants using drones, etc. 	THE
RPA Robotic Process Automation (about 200)		 Automating work for transcribing customer information Automating employment insurance operations Automating entry of accounting slips Automating acceptance and entry of a customer contract, etc. 	By Voice or app Air The AC scenario control mode provides provid
New Value Creati (about 40)	ion	•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 Smart Controller Smart Speaker ConVOFF

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



Solving social problems



Needs for low carbon New ways to use energy

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 **Agriculture and food**

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

Grid · City **Mobility** Service

Energy field

Social problems **Environmental** performance

Innovation

growth

Efforts to gain trust from all the people in our community including our customers and have <equation-block> 関西電力グループ them choose us power with heart

Direction of efforts

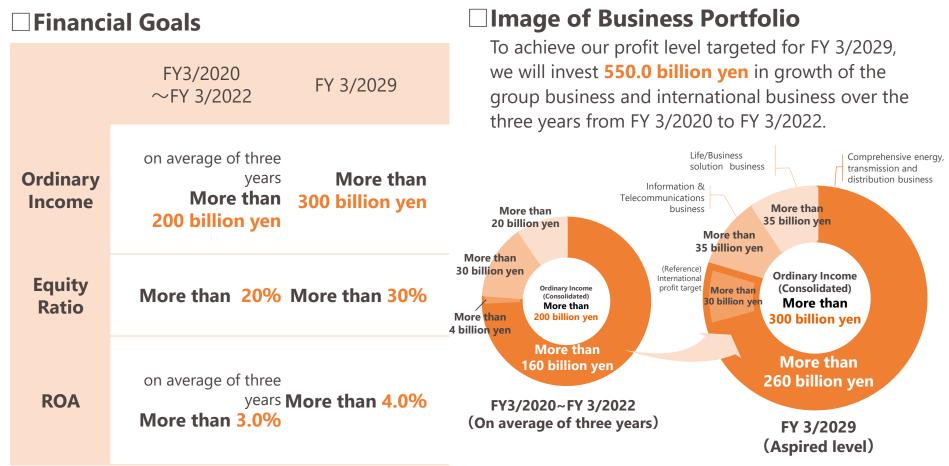
"Safety as Our Top Priority" and "Fulfilling **Corporate Social Responsibilities**"

- 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 problemsolving 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

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



^{*}We will allocate resources properly and according to changes in the business environment to ensure investment efficiency, and review the flexibility of our business portfolio.

☐ 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.

For further information

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