Presentation Materials for Six-Months ended September 30, 2017

October 27, 2017



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01

Outline of Financial Results for Six-Months ended September 30, 2017

Note: The company's fiscal year (FY) is from April 1 to March 31 of the following year. FY2017 represents the fiscal year begun on April 1, 2017, and ending on March 31, 2018. 2nd Quarter(2Q) represents six months period ended September 30, 2017.



- Operating revenues (consolidated and non-consolidated) increased following 2014/2Q, for the first time in 3 years.
- Ordinary income (consolidated and non-consolidated) decreased for 2 consecutive years since 2016/2Q.
- We recorded increased sales and decreased profit following 2013/2Q, for the first time in 4 years. (We posted a deficit in 2013/2Q.)

		(Rounded down to ne	earest 100 million yen.)	(Billion yen,%)
[Consolidated]	2017/2Q	2016/2Q	Change	9
	(A)	(B)	(A-B)	(A-B)/B
Operating revenues	1,393.3	1,306.8	86.4	6.6
Operating income	96.9	172.2	(75.2)	(43.7)
Ordinary income	87.3	163.7	(76.4)	(46.6)
Net income attributable to owners of parent	62.1	146.7	(84.5)	(57.6)

^{*}The number of consolidated subsidiaries [change from the same period of the previous year in parenthesis] 2017/2Q: 31 subsidiaries (+2 companies), 26 affiliates accounted for under the equity method (+2 companies)

[Non concolidated]		(Rounded down to n	learest 100 million yen.)	(Billion yen,%)
[Non-consolidated]	2017/2Q	2016/2Q	Change	9
	(A)	(B)	(A-B)	(A-B)/B
Operating revenues	1,280.0	1,213.9	66.1	5.4
Operating income	88.5	164.0	(75.5)	(46.0)
Ordinary income	78.2	157.8	(79.5)	(50.4)
Net income	57.1	115.0	(57.8)	(50.3)

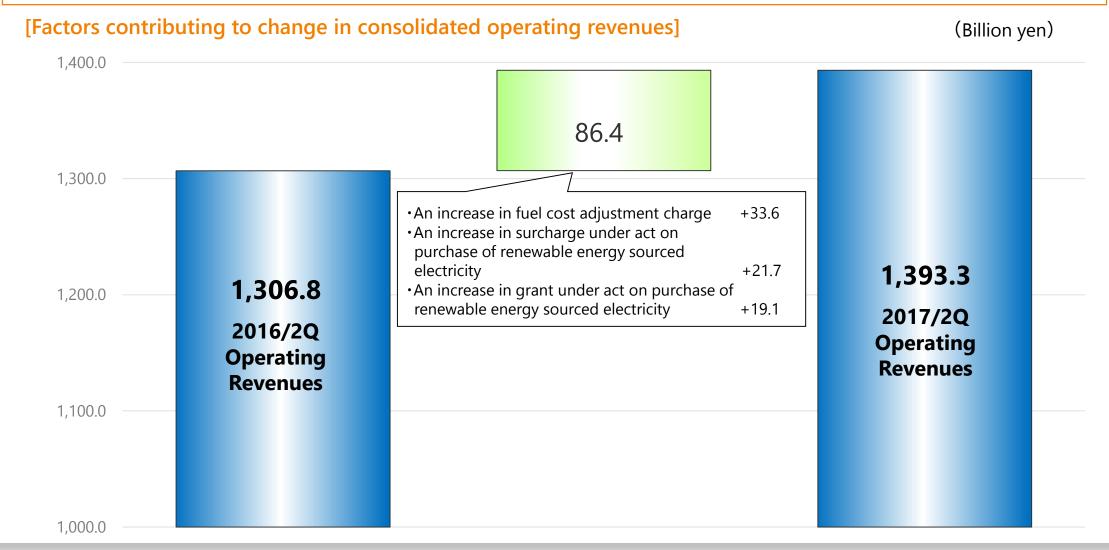
[Principal figures]		2017/2Q (A)	2016/2Q (B)	Change (A-B)
Electrical energy sold	(TWh)	59.9	60.4	(0.5)
CIF price: crude oil	(\$/b)	51.3	43.8	7.5
FX rate (interbank)	(yen/\$)	111.1	105.2	5.9
Nuclear power utilization rate	(%)	-	-	-

*CIF crude oil price for 2Q of FY2017 is tentative.



<Consolidated Operating Revenues>

Operating revenues increased by 86.4 billion yen compared with 2016/2Q, mainly due to an increase in fuel cost adjustment charge, and an increase in surcharge and grant based on Act on Special Measures Concerning Procurement of Electricity from Renewable Energy Sources by Electricity Utilities.



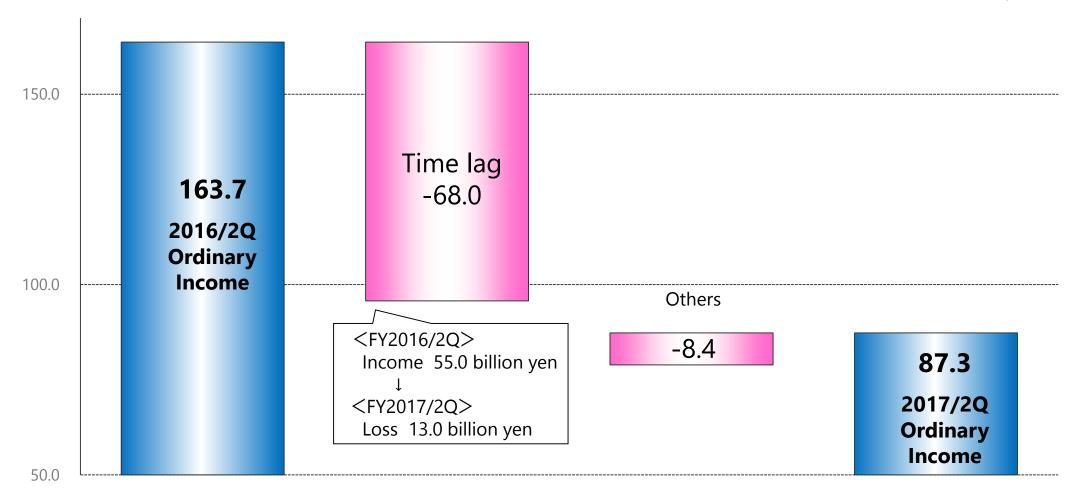


<Consolidated Ordinary Income>

Consolidated ordinary income decreased by 76.4billion yen compared with 2016/2Q, mainly due to a conversion of income incurred by fuel cost adjustment system time lag into loss.

[Factors contributing to change in consolidated ordinary income]

(Billion yen)





<Electrical Energy Sold>

- Dropped by 0.8% to 59.9TWh, compared with 2016/2Q, mainly due to an effect of switches made to other operators with the intensified competition, in spite of an increase of production in the automobile and semiconductor industry and an increase in air conditioning demand affected by temperature, in addition to a sales increase in Tokyo metropolitan area.
- Low voltage: Dropped by 1.1% to 17.8TWh, compared with 2016/2Q, mainly due to an effect of switches made to other operators, in spite of an increase in air conditioning demand by lower temperature in this early spring, in addition to a sales increase in the Tokyo metropolitan area.
- **High voltage / Extra-high voltage : Dropped by 0.7% to 42.1TWh**, compared with 2016/2Q, mainly due to an effect of switches made to other operators, in spite of an increase of production in the automobile and semiconductor industry, in addition to a sales increase in the Tokyo metropolitan area.

					(TWh,%)
		2017/2Q	2016/2Q	Change	9
		(A)	(B)	(A-B)	(A-B)/B
Electrical energy sold	Low voltage	17.8	18.0	(0.2)	(1.1)
	High voltage / Extra-high voltage	42.1	42.4	(0.3)	(0.7)
sold	Total	59.9	60.4	(0.5)	(8.0)



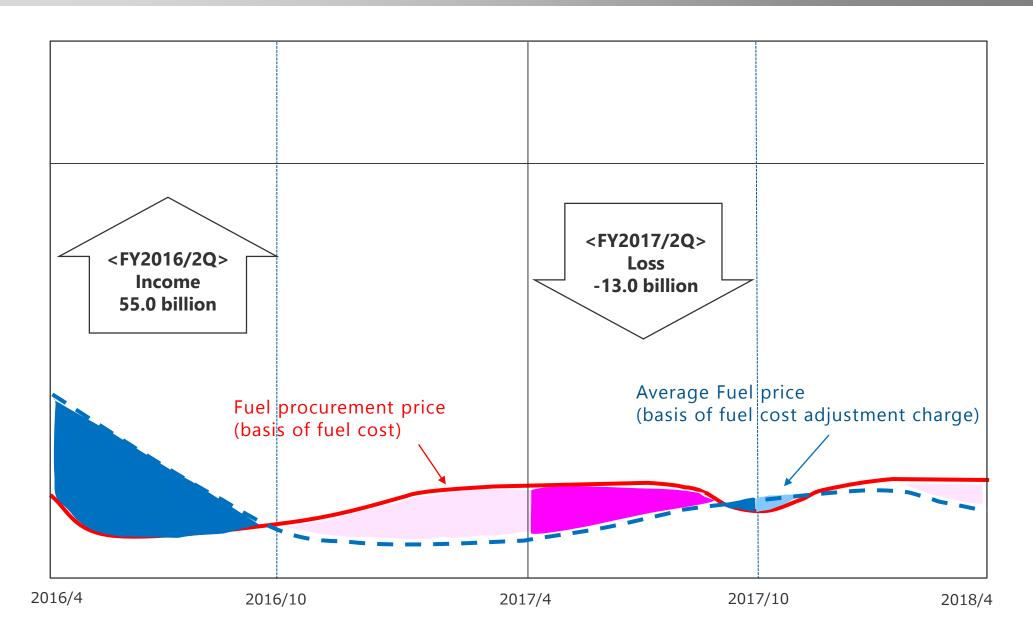
< Electric Power Supplied>

- Hydro: The flow rate fell short of 2016/2Q; thus hydroelectric power output decreased by 0.1TWh.
- Interchanged, purchased power: Increased by 0.7TWh, mainly due to an increase in purchase of renewable energy.
- Thermal: As a result of a decrease in electrical energy sold and above, thermal power output decreased by 1.8TWh.

(TWh,%) 2017/2Q 2016/2Q Change (A) (B) (A-B) (A-B)/B(2.3)Hydro 4.7 4.8 (0.1)<flow rate> <86.0> <92.3> <(6.3)> 51.3 53.1 Thermal (1.8)(3.5)Internally Electric generated Nuclear (0.1)(0.1)(0.0)5.5 power <utilization rate> <-> <-> <-> supplied (24.4)Renewable energy (0.0)0.0 0.0 6.2 5.5 Interchanged, purchased power(*) 0.7 15.4 Power used for pumped storage (0.7)(0.5)(0.2)32.1 Total 61.4 62.8 (1.4)(2.1)

^{*} Interchanged, purchased power represent power output that we grasp at the end of the 2017/2Q.







<The Policy on Shareholder Return>

The Company will work to maintain stable dividends after taking account of financial condition and other factors, while continuously investing in building and operating facilities that are essential for a safe and stable supply of electricity.

<Dividends>

The Board of Directors has determined that the interim dividend per share is 15 yen per share today.

	Dividend per share (yen)				
	Interim Year-end Total in ani				
FY 2017	15	<15>	<30>		
FY 2016	15	15	30		

^{*1} Forecast in < >.

^{*2} We have not changed the forecast of the dividend since the last time (July, 28 2017).

Summary of Forecast for FY2017 <1>



<Forecast>Revised Forecasts of Financial Results previously announced on July 28, 2017.

- Operating revenues (consolidated and non-consolidated) is not revised.
- Ordinary income (consolidated and non-consolidated) will increase mainly due to further management efficiency.

[Consolidated]

- Operating revenues will increase following FY2014, for the first time in 3 years.
- Ordinary income will decrease for 2 consecutive years since FY2016.

				(Billion yen,%)
	Current	July 28	Chang	ge
	(A)	(B)	(A-B)	(A-B)/B
Operating revenues	2,760.0	2,760.0	-	_
Operating income	125.0	115.0	10	8.7
Ordinary income	110.0	100.0	10	10.0
Net income attributable to owners of parent	75.0	70.0	5	7.1

[Non-consolidated]

- Operating revenues will increase following FY2014, for the first time in 3 years.
- Ordinary income will decrease for 2 consecutive years since FY2016.

				(Billion yen,%)
	Current	July 28	Change	
	(A)	(B)	(A-B)	(A-B)/B
Operating revenues	2,510.0	2,510.0		-
Operating income	105.0	95.0	10	10.5
Ordinary income	85.0	75.0	10	13.3
Net income	60.0	55.0	5	9.1



[Principal figures]

(TWh,%)

(Flactrical anargy sold)	Current	July 28	Char	nge
(Electrical energy sold)	(A)	(B)	(A-B)	(A-B)/B
Low voltage	37.7	37.7	-	-
High voltage / Extra-high voltage	81.6	81.6	-	_
Total	119.3	119.3	_	-

(Other principal figures)		Current	July 28
CIF price: crude oil	(\$/b)	approx. 53	approx. 55
FX rate	(yen/\$)	approx. 111	approx. 110
Nuclear power utilization rate	(%)	-	-

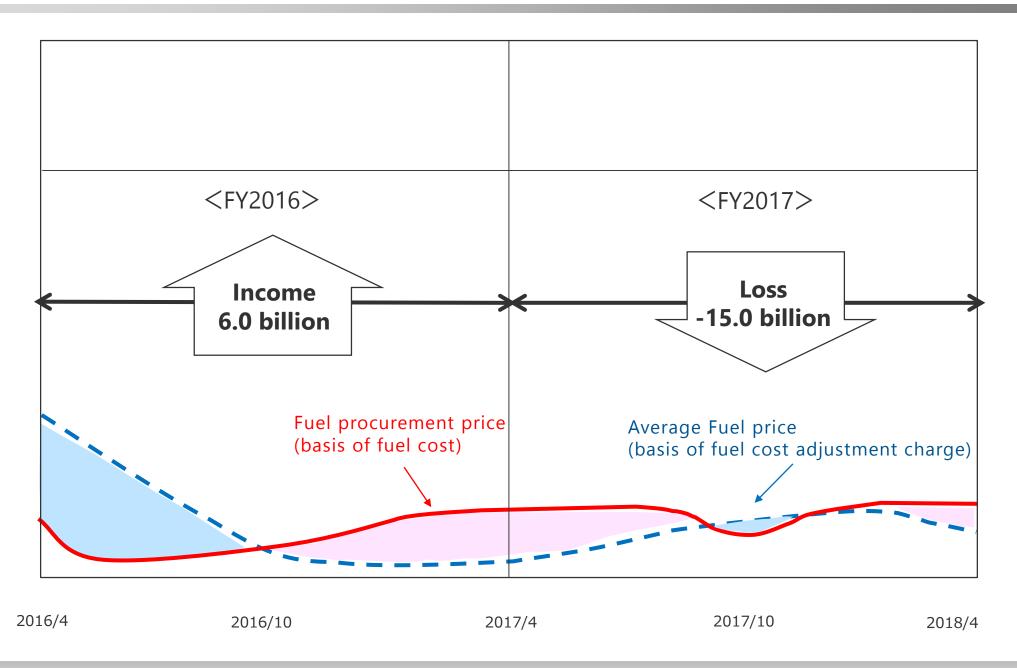
			(Billion yen)	
(Income sensitivity)		Current	July 28	
CIF price: crude oil	(1\$/b)	7.5	7.5	*1,
FX rate	(1yen/\$)	5.5	5.5	*1
Flow rate	(1%)	0.5	0.5	
Interest rate	(1%)	5.0	5.0	

^{1,2}

^{*1} These figures represent income sensitivity for fuel expenses. Fluctuation of CIF price (crude oil) and FX rate will be reflected in sales revenue, in cases where average fuel price fluctuates and fuel cost adjustment system will be applied.

^{*2} The impact value of crude oil price includes the impact of LNG price because LNG price is subject to crude oil price.





02

Reference Data: Financial Results



(Rounded down to nearest 100 million yen.) (Billion yen,%)

	2017/2Q	2016/2Q	Chang	e
	(A)	(B)	(A-B)	(A-B)/B
Operating revenues	1,393.3	1,306.8	86.4	6.6
Non-operating revenues	8.1	7.7	0.3	4.7
Ordinary revenues	1,401.4	1,314.6	86.7	6.6
Operating expenses	1,296.3	1,134.6	161.6	14.2
Non-operating expenses	17.7	16.2	1.5	9.3
Ordinary expenses	1,314.0	1,150.8	163.1	14.2
<operating income=""></operating>	<96.9>	<172.2>	<(75.2)>	<(43.7)>
Ordinary income	87.3	163.7	(76.4)	(46.6)
Reserve for fluctuation in water levels	(1.1)	(1.2)	0.0	-
Extraordinary income(*)	-	30.2	(30.2)	_
Income taxes	25.3	47.7	(22.3)	(46.8)
Net income attributable to non-controlling interests	1.0	0.8	0.1	19.6
Net income attributable to owners of parent	62.1	146.7	(84.5)	(57.6)

^{* 2016/2}Q: Gain on change in equity



(Rounded down to nearest 100 million yen.) (Billion yen,%) 2017/2Q 2016/2Q Change					
	(A)	(B)	(A-B)	(A-B)/B	[Major factors for change]
Electricity sales revenues	1,052.9	1,025.5	27.4	2.7 —	- An increase in fuel cost adjustment charge
Sold power to other electric utilities, and transmission revenue, etc. *	58.0	37.2	20.8	56.0	adjustment charge
Grant under act on purchase of renewable energy sourced electricity	132.9	113.7	19.1	16.9	- An increase in purchase of renewable energy sourced electricity
Other	12.4	11.9	0.4	3.9	electricity
Electricity business operating revenues	1,256.4	1,188.5	67.9	5.7	
Incidental business operating revenues	23.6	25.4	(1.8)	(7.1)	
Total operating revenues	1,280.0	1,213.9	66.1	5.4	

^{*} Sold power to other utilities, Sold power to other suppliers, Transmission revenue and Settlement revenue among utilities

Non-consolidated Statements of Income <2>: Operating Expenses



(Rounded down to nearest 100 million	yen.) (Billion yen,%)
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	(Nouriac	(Nounded down to hearest 100 million yen, 70)				
		2017/2Q (A)	2016/2Q (B)	Cha (A-B)	nge (A-B)/B	
	Salaries and employee benefits	91.4	89.1	2.3	2.6	
	Fuel	339.3	264.6	74.7	28.2	
	Nuclear back-end expenses *1	6.4	7.0	(0.5)	(8.4)	
	Purchased power, and transmission charges, etc. *2	234.5	193.9	40.5	20.9 ′	
	Maintenance	80.7	91.7	(11.0)	(12.0)	
	Depreciation	117.2	113.3	3.9	3.5	
	Taxes other than income taxes	60.7	62.9	(2.2)	(3.5)	
	Levy under act on purchase of renewable energy sourced electricity	134.7	112.9	21.7	19.3	
	Other	103.3	94.9	8.3	8.8	
Ξle	ctricity business operating expenses	1,168.6	1,030.8	137.7	13.4	
nc	idental business operating expenses	22.8	19.0	3.8	20.3	
Tot	al operating expenses	1,191.4	1,049.8	141.6	13.5	
				_		

[Major factors for change]

- An increase in fuel price
- An increase in purchase of renewable energy sourced electricity

^{*1} Reprocessing of irradiated nuclear fuel, Preparation of reprocessing of irradiated nuclear fuel, Contributions for reprocessing of irradiated nuclear fuel, Designated radioactive waste disposal expenses, Decommissioning nuclear power plants

^{*2} Sold power to other utilities, Sold power to other suppliers, Portion of the existing power generation expenses such as spent fuel reprocessing for which contracts have been signed, Transmission charges, Supply connection transmission charges, Settlement revenue among utilities



(Rounded down to nearest 100 million yen.) (Billion yen,%)

					•
		2017/2Q	2016/2Q	Chai	nge
		(A)	(B)	(A-B)	(A-B)/B
0	perating income	88.5	164.0	(75.5)	(46.0)
Ν	on-operating revenues	6.6	8.9	(2.3)	(26.1)
N	on-operating expenses	16.9	15.2	1.6	11.1
	Ordinary revenues	1,286.6	1,222.8	63.7	5.2
	Ordinary expenses	1,208.3	1,065.0	143.3	13.5
0	rdinary income	78.2	157.8	(79.5)	(50.4)
	eserve for fluctuation in water vels	(1.1)	(1.2)	0.0	-
In	come taxes	22.2	44.0	(21.7)	(49.5)
N	et income	57.1	115.0	(57.8)	(50.3)

[Major factors for change]

Electricity business: -69.8 Incidental business: -5.6



	(Rounded down to n	(Billion yen)	
	2017.9	2017.3	Change
	(A)	(B)	(A-B)
Assets	5,451.0	5,412.3	38.7
Assets	<4,969.5>	<4,956.5>	<13.0>
	3,657.0	3,687.5	(30.5)
Liabilities	<3,501.1>	<3,535.9>	<(34.8)>
Net costs	1,794.0	1,724.7	69.3
Net assets	<1,468.4>	<1,420.5>	<47.8>
Shareholders' equity ratio (%)	31.8	31.1	0.7
	<29.5>	<28.7>	<0.8>
Outstanding interest bearing debt	2,632.1	2,674.7	(42.6)
Outstanding interest-bearing debt	<2,623.3>	<2,662.8>	<(39.4)>

Non-consolidated figures in <>.



(Billion yen)

	FY2017/2Q (A)	FY2016/2Q (B)	Change (A-B)
Cash flows from operating activities (a)	142.8	174.0	(31.1)
Cash flows from investing activities (b)	(173.0)	(181.9)	8.8
Cash flows from financing activities(c)	(37.0)	(12.3)	(24.7)
Net decrease in cash and cash equivalents(a)+(b)+(c)	(67.2)	(20.3)	(46.8)
	2017/2Q (A)	2016/2Q (B)	Change (A-B)
Free cash flows (a+b)	(30.1)	(7.9)	(22.2)



DISCLAIMER

The forecasts in this presentation are based on information available as of the date of this announcement is made, and also, assumptions as of the date of this announcement are made on uncertain factors that would affect future results.

Actual results may materially differ by various causes in the future.

