Financial Summary 2nd Quarter of FY2014 (April 1, 2014 – September 30, 2014)

October 30, 2014



Tohoku Electric Power Co., Inc.



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2nd Quarter of FY2014 Financial Results

Tohoku Electric Power Summary of the 2nd Quarter of FY2014 Results

(billions of yen)									
	Consolidated (A)			Non-	consolidated (I	(A) / (B) (times)			
	FY2014 2Q	FY2013 2Q	Change	FY2014 2Q	FY2013 2Q	Change	FY2014 2Q	FY2013 2Q	
Operating Revenues	1,039.4	918.0	121.4	936.9	834.2	102.7	1.11	1.10	
Operating Income	109.4	12.7	96.7	101.1	14.0	87.0	1.08	0.91	
Ordinary Income	87.6	(8.1)	95.8	82.9	(6.4)	89.3	1.06	-	
Net Income	67.3	1.8	65.4	66.8	5.4	61.3	1.01	0.35	

	Sep. 30, 2014	Mar. 31, 2014	Change	Sep. 30, 2014	Mar. 31, 2014	Change
Equity Ratio	13.8%	12.6%	1.2%	12.7%	11.4%	1.3%





Electricity Sales



Year-on-year Changes in Large Industrial Sales

Changes in I	Large	Industrial	Sales
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(%)									
		FY2013			FY2014	(Gwn			
	1H	2H	Total		1H	6,000			
Food Products	2.3	3.4	2.8		1.4	5,000			
Paper/Pulp	(0.4)	(3.5)	(1.9)		(14.5)				
Chemicals	(2.9)	2.2	(0.3)		4.5	4,000			
Ceramics	5.3	2.4	3.8		2.5	3,000			
Steel	4.7	4.8	4.7		(8.1)				
Nonferrous Metals	(12.0)	7.6	(3.0)		5.8	2,000			
Machinery and Equipment Manufacturing	(3.8)	1.6	(1.2)		0.9	1,000			
Others	1.2	2.5	1.9		0.7				
Total	(2.0)	3.0	0.5		0.2	0			





(GWh)

			FY2014/2Q	FY2013/2Q	Comparison		
			(A)	(B)	(A) - (B)	(A) / (B)	
	0	wn Generated power	31,673	31,473	200	100.6 %	
		Hydro	4,625	4,135	490	111.9 %	
Electr		Thermal	26,609	26,902	(293)	98.9 %	
icity G		Nuclear	_	_	_	_	
ienera		Renewable	439	436	3	100.6 %	
ated a	Purchased Power		11,262	12,473	(1,211)	90.3 %	
nd Pur	Power Interchanges (Transmitted)		(7,374)	(7,781)	407	94.8 %	
chased	Power Interchanges (Received)		3,676	3,665	11	100.3 %	
У	Used at Pumped Storage		(36)	(20)	(16)	171.4 %	
	To P	otal, Generated and urchased	39,201	39,810	(609)	98.5 %	



Major Factors, Sensitivity to Major Factors (Non-consolidated)

Major Factors	FY2014/2Q (A)	FY2013/2Q (B)	Comparison (A) – (B)
Crude Oil CIF Price (\$/bbl.)	109.5	107.7	1.8
Exchange Rate (¥/\$)	103	99	4
Hydro Power Flow Rate (%)	104.5	107.3	(2.8)
Nuclear Power Utilization Rate (%)	_	_	_

FY2014/2Q FY2013/2Q Comparison Sensitivity to Major Factors (A) (B) (A) - (B)Crude Oil CIF Price (per \$1/bbl.) 1.7 1.5 0.2 Exchange Rate (per ¥1/\$) 2.3 2.3 0.0 Hydro Power Flow Rate (per 1%) 0.6 0.5 0.1 Nuclear Power Utilization Rate (per 1%) 1.3 1.2 0.1

(billions of yen)

Comparison Statements of Revenues & Expenses (Non-consolidated)

(billions of yen)

		FY2014/2Q	FY2013/2Q	Comp	parison	Major factors for change
		(A)	(B)	(A) - (B)	(A) / (B)	Wajor raciors for change
	Residential	276.3	252.8	23.4	109.3%	
	Commercial	504.0	424.1	79.8	118.8%	Rise in electricity rate, increase in revenue from fuel cost adjustments, etc.
	Sub total	780.3	677.0	103.3	115.3%	
Rev	Sales of power to other utilities	101.4	107.1	(5.6)	94.7%	
enue	Sales of power to other companies	8.1	14.9	(6.8)	54.2%	
S	Other revenues	52.6	39.0	13.6	135.0%	Increase in grants on the act of renewable energy, etc.
	[Operating revenues]	[936.9]	[834.2]	[102.7]	[112.3%]	
	Total revenues	942.6	838.1	104.4	112.5%	
	Personnel	63.3	72.3	(8.9)	87.6%	Decrease in salaries and retirement allowances, etc.
	Fuel	267.6	250.4	17.2	106.9%	FX rate difference, etc.
	Maintenance	65.3	55.6	9.6	117.4%	Increase in maintenance expenses for distribution facilities, etc.
	Depreciation	102.1	123.0	(20.9)	83.0%	Decrease in depreciation for thermal power
Εx	Power purchased from other utilities	67.5	60.4	7.1	111.8%	
pense	Power purchased from other companies	131.7	137.0	(5.2)	96.2%	Decrease in purchase from Kyodo thermal power, etc.
S	Interest	19.8	21.4	(1.5)	92.7%	
	Taxes, etc.	41.2	40.2	0.9	102.4%	
	Nuclear power back-end cost	4.5	2.6	1.8	167.4%	
	Other expenses	96.1	81.1	15.0	118.6%	Increase in payment on the act of renewable, etc.
	Total expenses	859.7	844.5	15.1	101.8%	
[Operating income]		[101.1]	[14.0]	[87.0]	[717.6%]	
Ordinary Income		82.9	(6.4)	89.3	_	
Ex	traordinary gain	14.2	16.2	(1.9)	88.0%	Decrease in gain on revision of retirement benefit plan
Ne	et income	66.8	5.4	61.3	1,224.4%	



(billions of yen) Sep. 30, 2014 Mar. 31, 2014 Comparison Major factors for change (A) (B) (A) - (B) 3,980.3 3,982.7 (2.4) **Total Assets Fixed Assets** 3,395.6 3,433.5 (37.9) **Current Assets** 584.6 549.1 35.4 Accounts payable-trade: (26.0) Accounts payable-other: (20.1) (50.9) Liabilities 3,475.5 3,526.4 Short-term loans to subsidiaries and affiliates: (11.6) 504.7 456.2 48.4 **Net Assets**

Interest-Bearing Liabilities	2,728.7	2,719.5	9.1	Bonds: 23.7, CP: 4.0, Loans: (18.5)
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Statements of Income, Balance Sheets (Consolidated)

	(billions of yen							
	Statements of Income	FY2014/2Q (A)	FY2013/2Q (B)	Comparison (A) - (B)	Major factors for change			
	Operating Revenues	1,039.4	918.0	121.4	Electric power: 101.8, Others: 19.6			
	Operating Expenses	929.9	905.2	24.7	Electric power: 12.5, Others: 12.1			
0	perating Income	109.4	12.7	96.7				
0	rdinary Income	87.6	(8.1)	95.8				
Extraordinary Gain		14.2	16.2	(1.9)	Gain on revision of retirement benefit plan: (1.9)			
N	et Income	67.3	1.8	65.4				

(billions of yen)

	Balance Sheets	Sep. 30, 2014 (A)	Mar. 31, 2014 (B)	Comparison (A) - (B)	Major factors for change
Total Assets		4,235.5	4,243.0	(7.5)	
	Fixed Assets	3,503.2	3,536.5	(33.3)	
	Current Assets	732.2	706.4	25.7	
Liabilities		3,609.9	3,668.4	(58.5)	Trade notes and accounts payable: (34.8)
Net Assets		625.5	574.5	50.9	
Interest-Bearing Liabilities		2,765.9	2,763.9	2.0	Bonds: 23.7, CP: 4.0, Loans:(25.6)



	FY2014/2Q (A)	FY2013/2Q (B)	Comparison (A) - (B)	Major factors for change
Cash Flow from Operating Activities	163.8	63.5	100.3	Income before income taxes and minority interests: 93.8
Cash Flow from Investing Activities	(115.3)	(129.4)	14.0	Decrease in acquisition of property, plant and equipment: 14.6
Cash Flow from Financing Activities	(2.6)	(38.0)	35.3	Loans: 50.1 [Proceeds: (89.5), Repayment: 139.7] Bonds : 3.8 [Proceeds: (19.8), Redemption: 23.7] CP: (16.0) [Proceeds:50.0, Redemption:(66.0)]
Net Cash Flow	45.8	(103.9)	149.7	
Free Cash Flow	66.9	(46.5)	113.4	

(billions of yen)

Note; Our definition of the free cash flow =(Cash flow from operating activities) + (Cash flow from investing activities) - (Interest and dividend income) -(Interest expense)



Segment Information (Consolidated)

10

	_		_	(billions of yen)
		FY2014/2Q (A)	FY2013/2Q (B)	Comparison (A) - (B)
Sales	S ¹⁾	1,039.4	918.0	121.4
	Electric	930.5	828.8	101.7
	Power	929.0	827.2	101.8
	Construction	118.8	96.3	22.5
	Construction	65.2	50.4	14.7
	Gas	19.6	17.8	1.8
	Gas	16.2	14.2	1.9
	ІТ	18.4	15.9	2.5
	11	10.1	9.2	0.8
	Others	55.4	53.2	2.2
	Guiora	18.9	16.8	2.0

Segment income (loss) [Operating income (loss)]		109.4	12.7	96.7
	Electric Power	101.3	16.9	84.3
	Construction	1.2	(6.1)	7.3
	Gas	0.3	0.2	0.1
	IT	2.8	0.9	1.8
	Others	1.8	(1.3)	3.1

Major Consolidated S	ubsidiar	ies】 ²⁾	(billions of yen)			
	FY20	14/2Q	Year-on-year			
	Sales	Operating income (loss)	Sales	Operating income (loss)		
[Electric Power]						
Tousei Kougyo Co., Inc.	2.8	1.6	(0.0)	(0.1)		
Sakata Kyodo Power Co., Ltd.	17.0	(1.6)	(2.6)	(2.5)		
[Construction]						
Yurtec Corp.	86.6	0.8	16.4	3.8		
Tohoku Electric Engineering & Construction Co., Inc.	26.7	0.5	5.9	2.7		
[Gas]						
Nihonkai LNG Co., Ltd.	6.2	0.0	0.3	0.2		
[17]						
Tohoku Intelligent Telecommunication Co., Inc.	12.5	3.1	1.2	1.1		
Tohoku Information Systems Co., Inc.	6.4	(0.0)	1.5	0.9		
[Others]						
Kitanihon Electric cable Co., Ltd.	14.0	0.0	2.8	1.1		

2) Before elimination of inter-company transaction

1) Lower is net sales to outside customers.

🗲 Tohoku Electric Power

Financial Forecast and Premise of Forecast for FY2014

[Financia	al Forecast f	or FY201	4]	ons of yen)	[P	remise of	Forecast]				
	Consolidated			Non-consolidated					FY2014 Forecast	FY2013	Changes
	FY2014	014 FY2013 of FY2014 FY2013 of		Ohannaa			(previous forecast)	Result	, , , , , , , , , , , , , , , , , , ,		
	Forecast (previous forecast)	Result	Changes	Forecast (previous forecast)	Result	Changes	El	lectricity	Approx. 77.5	77.5	Approx. 0
Operating	2,180.0	2 020 0	141.2	1,970.0	1 022 1	126.0	Sales (TWII)		(Approx.78.3)		
revenues	(2,200.0)	2,030.0	141.2	(2,010.0)	1,000.1	130.9		Residential	Approx. 24.7	24.8	Approx. (0.1)
Operating income	132.0	85.6	46.4	110.0	84.0	26.0		Commercial	Approx. 52.8	52.6	Approx. 0.2
Ordinary	88.0	39.0	49.0	70.0	38.6	31.4	Cı (\$	rude Oil CIF /bbl)	Approx. 107 (Approx. 110)	110.0	Approx. (3)
Income									Approx 106		
Net income	68.0	34.3	33.7	57.0	36.0	21.0	F>	X Rate (¥/\$)	(Approx. 105)	100	Approx. 6
-		-	-		-		FI	ow Rate (%)	Approx. 102	105.5	Approx. (3)





Dividend

- Comprehensively deliberating facts such as the financial results for the second quarter, the financial forecast for the FY2014 and the recovery of our financial condition which was badly affected by the Great East Japan Earthquake and subsequent incidents, the company has decided to pay a 5 yen interim dividend per share for FY2014.
- The company has not yet determined a forecast for the year-end dividend for FY2014. This is because the company deems it necessary to make thorough and careful assessment of key management environments including: full-year earnings considering future supply and demand trends; medium- to long-term prospects for revenues and expenditures in anticipation of the resumption timing of nuclear power plant operations; and the future status of company's financial standing.

	Interim	Year-end	Annual
FY2014 (Forecast)	5 yen	To be determined	To be determined
FY2013 Result	0 yen	5 yen	5 yen

Dividend Per Share







Current Status and Outlook

1

- Onagawa Nuclear Power Station -

Outlook for Resumption of Operation

- > We have been conducting construction work on safety measures towards the restart of the station in April 2016 or later.
 - As for Unit 2, we submitted an application for the examination of the new regulatory requirements of the Japanese Nuclear Regulation Authority (NRA) in December 2013, and the unit is now under examination.
 - As for Unit 3, as soon as we ready for application, we will also submit an application for NRA's examination of the new regulatory requirements.

Current Situation

> To enhance safety at the station, construction works on safety measures are underway. Main construction works are as follows:

- Upgrade of seawall (approx. 17m → approx. 29m above the sea level) ⇒ The construction is scheduled to be completed in March 2016.
- Installation of filtered containment vent \Rightarrow The construction is scheduled to be completed during fiscal year 2015.
- Aseismic reinforcement ⇒ With the aim of improving quake resistance further, we have been implementing measures in sequence, such as adding supports to piping and conduit tube and strengthening structural members.
- Construction of seismic isolated building \Rightarrow The construction is scheduled to be completed in August 2016.





Current Status and Outlook - Higashidori Nuclear Power Station -

Outlook for Resumption of Operation

- > We have been conducting construction work on safety measures towards the restart of the station in March 2016.
- As for Unit 1, we submitted an application for the examination of the new regulatory requirements of the Japanese Nuclear Regulation Authority (NRA) June 2014, and the unit is now under examination.

Current Situation

- Taking into consideration the additional geological survey results, we submitted a report to the NRA in January 2014. The report shows that the faults within the premises are not active faults, that is they have no possibility to be active in the future.
- > To enhance safety at the station, construction works on safety measures are underway. Main construction works are as follows:
 - Installation of filtered containment vent \Rightarrow The construction is scheduled to be completed by March 2016.
 - Construction of seismic isolated building \Rightarrow The construction is scheduled to be completed in March 2016.
 - Aseismic reinforcement work ⇒ According to the revised basic design earthquake ground motions, we have been adding supports to piping and conduit tube and strengthening structural members.

Examples of Aseismic Reinforcement Work

Addition of supports to piping and conduit tube and strengthening structural members.





Training Intensification

An operation training in a high radiation dose scenario using remote control inspection robots.







Thermal Power Development Plan

	Output(MW)		FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
Shin-Sendai No3. series	000	490	Nov. 2011 start of	constructio	n		Dec	2015 art of opera	tion							
	980	490	Nov. 2011 start of	constructio	n			Jul. 2 sta	016 It of operat	tion						
Hachinohe	274 = (Upgrade to co	⇒ 394 ombined cycle)	Apri. 2 start	012 of construc	tion	Au	g. 2014 tart of ope	ration								
No.5	= 394 Fuel (Light oil	⇒ 416 shift ⇒ LNG)		c	ct. 2 <mark>013</mark> star <mark>t of co</mark>	nstruction	Jul. 2 stai	015 t of operat	ion							
Noshiro No.3*	60	00					FY 201 start	6 of constru	ction				FY2020 start of	operation		
Joetsu No.1*	Appro	x. 600								FY20 sta	19 rt of const	uction			FY202 start o	B f operation
Awashima No.7 - 10	Tota	ıl 0.9			FY2014 start	or after of construe	tion				F P	2017-FY20 start of op	19 eration			

*Thermal power supply for a bid in FY2014

Improving the Thermal Efficiency of Thermal Power Plants

	Replacement of Shin-Sendai No.3 series	Upgrade and Hachind	I Fuel shift of ohe No.5			
Start of operation	Dec. 2015 (Half) Jul. 2016 (Half)	Aug. 2014	Jul. 2015			
Generation system	Combined cycle	Combined cycle				
Fuel	LNG	Light Oil	LNG · Light Oil			
Output	980MW	394MW	416MW			
Thermal efficiency	Approx. 60% or more	49%	Approx. 55%			

Thermal Efficiency (Lower Heating Value Standard)



*: wower nearing value (LHV) is determined by subtracting the heat of vaporizat the water vapor from the higher heating value.



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Fuel Consumption

				(thousand tor	is, thousand ki)
	FY2010	FY2011 FY2012		FY2013	FY2014 (1st Half)
Coal	7,300	3,310	4,380	8,900	3,870
Heavy and Crude Oil	570	1,860	1,880	1,320	430
LNG	2,790	4,890	4,660	4,280	1,880

1.1



[Reference] Historical Prices of CIF Crude Oil, Fuel Coal and LNG





Number of Lightning Customers (End of Fiscal Year)

- The Great East Japan Earthquake decreased the number of our lightning customers, however, the post quake recovery and other factors increase the customers at a higher rate. We expect further recovery through full-fledged constructions of public housing for disaster victims.
- > New housing starts surpass 80,000 houses for the first time in seven years. Concerning new all-electric houses, despite a decrease in adoption rate, the number of houses have increased moderately.



New Housing Starts and New All-Electric Houses



- We have been suspending responses regarding consent for transmission line connections for renewable energy (connect to extrahigh / high voltage transmission line) from October 1.
- Following a barrage of applications for FIT-certification mainly led by solar power, volume levels in approved renewable energy projects would provide more electricity than low-season demand requires. There is a possibility to disrupt a stable power supply (frequency fluctuation), even if we minimize our thermal power output.





(Reference 3-2) Suspend Grid Access for New Renewable-Energy Producers

Changes in Total Capacity of FIT-Certified Projects in Our Service Areas

7



Solar and Wind Power Generations Connected to Tohoku EPCO's Grid and Estimated Grid Access Volumes (as of August 2014)

	Connected (A)		Will be co (Approved ac (E	onnected ccess to grid) 3)	Will be ar conne (A)⊣	d already ected ⊢(B)	Applications submitted (Under review)		
	Projects	MW	Projects	MW	Projects	MW	Projects	MW	
Solar	126,806	1,055	1,574	3,585	128,380	4,640	607	1,150	
Wind	108	636	60	963	168	1,600	13	70	

%Totals may not equal the sum of individual figures due to rounding

Solution Tohoku Electric Power (Reference 3-3) Wind Power Installation Potential by Regions

- There are various calculations for wind power installation potential by regions. The graphs below are the results of Japan Wind Power Association's calculations.
- Both onshore and offshore wind power installation potentials are concentrated in Hokkaido and Tohoku region which overwhelm the regional utilities' generation capacities.



[source] 'White paper on renewable energy (wind power) 2013', Japan Wind Power Association

Tohoku Electric Power (Reference 3-4) Solar Power Installation Potential by Regions

- > Following graph is FIT-certified projects' capacities which considered to be near-term solar installation potentials.
- > Kyushu region has the largest volume of FIT-certified solar power capacity. Tohoku also has considerable installation potential. (Kyushu, Tohoku and Hokkaido are the three regions which have considerable proportions of FIT-certified solar power to maximum demand.)



[[]source] Agency for Natural Resources and Energy web site, FIT-certified capacities

(Note)

This presentation solely constitutes reference material for the purpose of providing the readers with relevant information to evaluate our company.

The information contains forward-looking statements based on assumptions and projections about the future with regard to our company. As such, the readers are kindly asked to refrain from making judgment by depending solely on this information.

The forward-looking statements inherently involve a degree of risks and uncertainties. Consequently, these risks and uncertainties could cause the actual results and performance to differ from the assumed or projected status of the company.

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