# Financial Summary 2nd quarter of FY2008

Tohoku Electric Power Co., Inc.



# **Contents**

- 1. Summary of 2nd quarter of FY2008 Result
- 2. Electricity Sales
- 3. Large Industry Sector
- 4. Electricity Generated and Purchased, Major Factors
- 5. Comparison Statements of Revenue & Expense (Non-consolidated)
- 6. Balance Sheets (Non-consolidated)
- 7. Statements of Income, Balance Sheets (Consolidated)
- 8. Statements of Cash Flows (Consolidated)
- 9. Segment Information (Consolidated)
- 10. Projection
- 11. Major Factors, Sensitivity to Major Factors (Non-consolidated)
- <Topics>
- 12. Corporate Advancement in Tohoku Region
- 13. Privatization of the City of Sendai's gas business
- <Reference>
- 14. Electricity Sales
- 15. Statements of Income
- 16. Balance Sheets, Equity Ratio, etc.

# Summary of 2nd quarter of FY2008 Result

1

(Consolidated)

(100 millions of yen)

	2nd quarter of FY2008	2nd quarter of FY2008 2nd quarter of FY2007		arison
	(A)	(B)	(A) – (B)	(A) / (B)
Operating Revenues	8,830	8,529	300	103.5%
Operating Income	45	698	(652)	6.5%
Ordinary Income	(142)	480	(622)	_
Net Income	(82)	277	(360)	_

(Non-consolidated)

(100 millions of yen)

	2nd quarter of FY2008	2nd quarter of FY2007	Comp	arison
	(C)	(D)	(C) - (D)	(C) / (D)
Operating Revenues	8,048	7,640	408	105.3%
Operating Income	(60)	573	(634)	_
Ordinary Income	(232)	371	(604)	_
Net Income	(128)	235	(364)	_

(Consolidated/Non-consolidated Comparison, Ratio)

(100 millions of yen, times)

	2nd quarter	of FY2008	2nd quarter of FY2007		
	(A) – (C)	(A) / (C)	(B) –(D)	(B) / (D)	
Operating Revenues	781	1.10	889	1.12	
Operating Income	105	-	124	1.22	
Ordinary Income	90	_	108	1.29	
Net Income	46	_	41	1.18	



# **Electricity Sold Year-on year Compared**

## 40,612 million kWh up 224 million kWh (+0.6%)

#### **Major Factors**

High operation and an increase in the number of newly built and expanded

Revived demand from private power generation

Expansion of all-electric housing

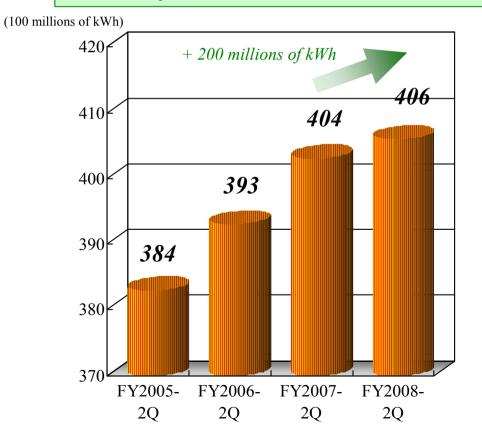
Effects of temperature etc.

+300 millions of kWh

+200 millions of kWh

+200 millions of kWh

(500) millions of kWh



Segment 2nd quarter Year-onof FV2008 Year

	Segment	of FY2008	Year-on- Year
R	Residential	11,062	98.6%
Regulated	Commercial	1,999	96.2%
ed	Sub-total	13,061	98.2%
Deregulated		27,551	101.7%
Total		40,612	100.6%

#### [Sub Segment]

Large Industrial	14,821	104.3%
------------------	--------	--------



**Electricity Sold** 

14,821 million kWh

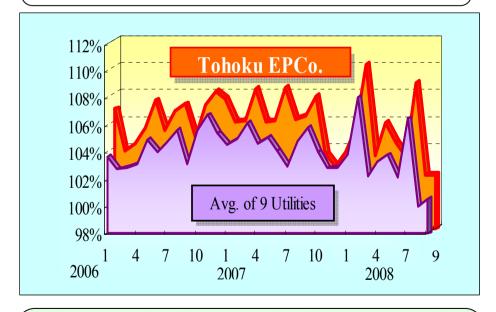
Year-on year Compared up 616 million kWh (+4.3%)

~ strong production mainly of non-ferrous metals ~

(millions of kWh)

2nd quarter of	Volume	Year-o	n-year
FY2008	Volume	Volume	Percentage
Food Products	820	1	100.1
Paper / Pulp	679	76	112.5
Chemicals	1,159	111	110.6
Ceramics	412	2	100.5
Steel	1,557	(43)	97.3
Nonferrous Metals	2,013	325	119.2
Machinery and Equipment Manufacturing	4,799	107	102.3
Others	3,382	37	101.1
Total	14,821	616	104.3

Year-on-Year Comparison of Large Industrial Demand (Monthly)



Compared with Avg. of 9 Utilities, Tohoku EPCO. has been keeping a high level growth.

From Dec. 2004, showing continued growth for the 46th consecutive month.



# Electricity Generated and Purchased, Major Factors

4

# (Electricity Generated and Purchased)

(millions of kWh, %)

		2nd quarter of FY2008	2nd quarter of FY2007	Comparison		
		(A)	(B)	(A) – (B)	(A) / (B)	
Own Go	enerated power	37,423	37,937	(514)	98.6	
	Hydro	4,391	4,663	(272)	94.2	
	Thermal	23,679	23,966	(287)	98.8	
	Nuclear	9,353	9,308	45	100.5	
Purchas	sed Power	11,805	11,467	338	102.9	
Power I	Interchanges (Net)	(4,862)	(5,143)	281	94.5	
Used at	Pumped Storage	(82)	(122)	40	66.7	
Total, C Purchas	Generated and sed	44,284	44,139	145	100.3	

## (Major Factors)

	2nd quarter of FY2008	2nd quarter of FY2007	Comparison
	(A)	(B)	(A) - (B)
Crude Oil CIF Price (\$/bbl)	119.7	67.8	51.9
Exchange Rate (\(\frac{\pmathbf{Y}}{\pmathbf{S}}\)	106	119	(13)
Hydro Power Flow Rate (%)	93.6	97.4	(3.8)
Nuclear Power Capacity Factor (%)	65.0	64.7	0.3



# Comparison Statements of Revenue & Expense (Non-consolidated)

5

			2nd quarter of FY2008 (A)	2nd quarter of FY2007 (B)	Comparison (A) –(B)	Items
		Residential	2,462	2,392	69	
		Commercial	4,350	4,024	326	
l Re	S	ub Total	6,812	6,417	395	Fuel cost adjustment amounts; 347
Revenues	S U	ales of Power to Other Itilities	1,074	1,112	(38)	Decrease in electric sales volume
les	C	Other Revenues	214	141	72	
	[0	Operating Revenues]	[8,048]	[7,640]	[408]	
	Т	otal Revenues	8,101	7,672	429	
	Personnel		763	725	38	Retirement benefits; 34 (Amortization of actual difference; 66)
	Fuel		2,220	1,559	661	Rise in crude oil CIF price; 965, Appreciation of the yen; (234), Others; (70)
	N	Maintenance	959	911	48	Thermal power; 42, Distribution; 39, Nuclear power; (35)
Ex	Г	Depreciation	1,139	1,166	(27)	Nuclear power; (40) [Higashidori; (25)], Distribution; 27
Expenses	P	urchased Power	1,714	1,392	322	Other utilities; 59, Other companies; 262
ses	It	nterest	216	226	(9)	
	Т	axes, etc.	429	435	(5)	
	N	luclear Power back-end Cost	121	107	13	Reprocessing costs of irradiated nuclear fuel; 8
	C	Other Expenses	769	776	(7)	
	T	Total Expenses	8,334	7,300	1,033	
[O <sub>I</sub>	pera	ating Income/Loss]	[(60)]	[573]	[(634)]	
Ord	dina	ary Income/Loss	(232)	371	(604)	

# Balance Sheets (Non-consolidated)

			Sep. 30, 2008 (A)	Mar. 31, 2008 (B)	Comparison (A) – (B)	Items
Т	`otal	Assets	36,690	36,759	(68)	
	Fi	xed Assets	34,131	34,401	(270)	
		Electric Utility Fixed Assets	25,828	26,446	(618)	Nuclear power plant; (248)
		Incidental Business Fixed Assets	33	37	(4)	
		Other Fixed Assets	88	87	0	
		Construction in Progress	2,148	1,777	370	Kitakami / Towada Trunk Line; 266
		Nuclear Fuel	1,381	1,407	(26)	
		Investments and Other Assets	4,651	4,644	7	
	Сι	irrent Assets	2,559	2,357	201	Inventories; 248
I	Liabilities		28,526	28,307	218	Interest-Bearing Liablities;601 Contribution to construction of plant; (157)
N	Net Assets		8,163	8,451	(287)	
Iı	ntere	est-Bearing Liabilities	20,756	20,155	601	Bonds; 300, Commercial paper; 280



		2nd quarter of FY2008 (A)	2nd quarter of FY2007 (B)	Comparison (A) – (B)	Items
	Operating Revenues	8,830	8,529	300	Electric power; 397 Other; (97)
	Operating Expenses	8,784	7,831	953	Electric power; 1,045 Other; (92)
C	perating Income	45	698	(652)	
C	Ordinary Income	(142)	480	(622)	
Net Income		(82)	277	(360)	

		Sep. 30, 2008 (A)	Mar. 31, 2008 (B)	Comparison (A) – (B)	Items
Т	otal Assets	40,228	40,338	(110)	
	Fixed Assets	36,032	36,346	(313)	Electric utility fixed assets; (632) Construction work in progress; 400
	Current Assets	4,195	3,991	203	Inventories; 343
Li	abilities	30,325	30,184	140	
N	et Assets	9,902	10,153	(250)	

Interest-Bearing Liabilities	21,377	20,819	557	Bonds; 300 Commercial paper; 280
------------------------------	--------	--------	-----	-------------------------------------

	2nd quarter of FY2008 (A)	2nd quarter of FY2007 (B)	Comparison (A) – (B)	Items
Cash Flow from Operating Activities	840	1,307	(466)	Loss before income taxes and minority interests; (597) Amounts due from customers; 173
Cash Flow from Investing Activities	(1,258)	(1,022)	(235)	Acquisition of property, plant and equipment; (241)
Cash Flow from Financing Activities	396	(195)	592	Bonds; (100) [Proceeds; 299, Redemption; (400)] Long-term loans; 361 [Proceeds; 193, Repayment; 167] Commercial paper; 350 [Proceeds; 920, Redemption; (570)]
Net Cash Flow	(20)	88	(109)	
Free Cash Flow	(227)	480	(707)	

Note; Our definition of the free cash flow

<sup>=(</sup>Cash flow from operating activities) + (Cash flow from investing activities) – (Interest and dividend income) – (Interest expense)



# Segment Information (Consolidated)

# (100 millions of yen) [ Major Consolidated Subsidiaries]

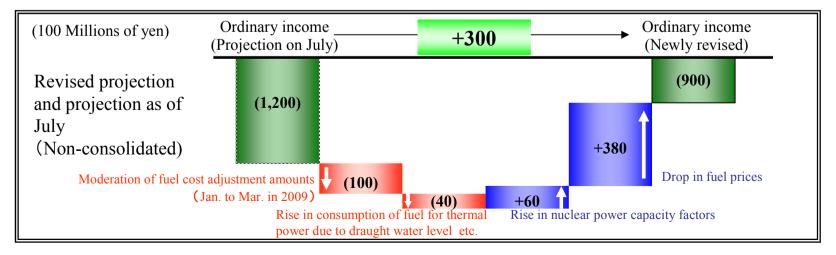
		(1001	illillolls of yell
	2nd quarter of FY2008 (A)	2nd quarter of FY2007 (B)	Comparison (A) – (B)
Sales *1	8,830	8,529	300
Electric Power	8,004	7,610	394
Business	7,994	7,596	397
Construction Business	1,067	1,192	(124)
	427	567	(139)
C. P. :	160	135	25
Gas Business	100	67	33
Information Processing Tele-	181	181	(0)
Communication Business	75	77	(1)
Others	708	652	55
Others	231	220	10
Operating income / loss	45	698	(652)
Electric Power Business	(32)	599	(631)
Construction Business	20	27	(7)
Gas Business	(1)	12	(13)
Information Processing Tele- Communication Business	12	18	(5)
Others	24	31	(6)

Wajor Consolidated Substdiartes (100 millions of yen)							
	2nd quart	ter of FY2008	Year	-on-year			
	Sales	Operating income / loss	Sales	Operating income / loss			
Electric Power Business							
Tousei Kougyo Co., Inc.	16	3	(0)	(0)			
Sakata Kyodo Power Co., Ltd.	194	14	50	2			
Construction Business							
Yurtec Corp.	729	6	(96)	6			
Tohoku Electric Engineering & Construction Co., Inc.	258	13	(32)	(15)			
Gas Business							
Nihonkai LNG Co., Ltd.	94	8	(4)	(7)			
Information Processing Tele- Communication Business							
Tohoku Intelligent Telecommunication Co., Inc.	104	14	(3)	(3)			
Tohoku Information Systems Co., Inc.	78	(2)	2	(2)			
Others							
Kitanihon Electric cable Co., Ltd.	224	5	23	(4)			

**<sup>※</sup>**1 Lower is net sales to outside customers.



		Projection t	for FY2008	Results of	Comparison	
		On Oct. 2008 (A)	On Jul. 2008 (B)	FY2007 (C)	(A) – (B)	(A) –(C)
	Operating Revenues	19,100	19,300	18,026	(200)	1,073
onso	Operating Income	(230)	(530)	804	300	(1,034)
Consolidated	Ordinary Income	(650)	(950)	385	300	(1,035)
d	Net Income	(430)	(630)	172	200	(602)
No	Operating Revenues	17,200	17,400	15,959	(200)	1,240
n-con	Operating Income	(500)	(800)	536	300	(1,036)
Non-consolidated	Ordinary Income	(900)	(1,200)	141	300	(1,041)
ited	Net Income	(550)	(750)	67	200	(617)





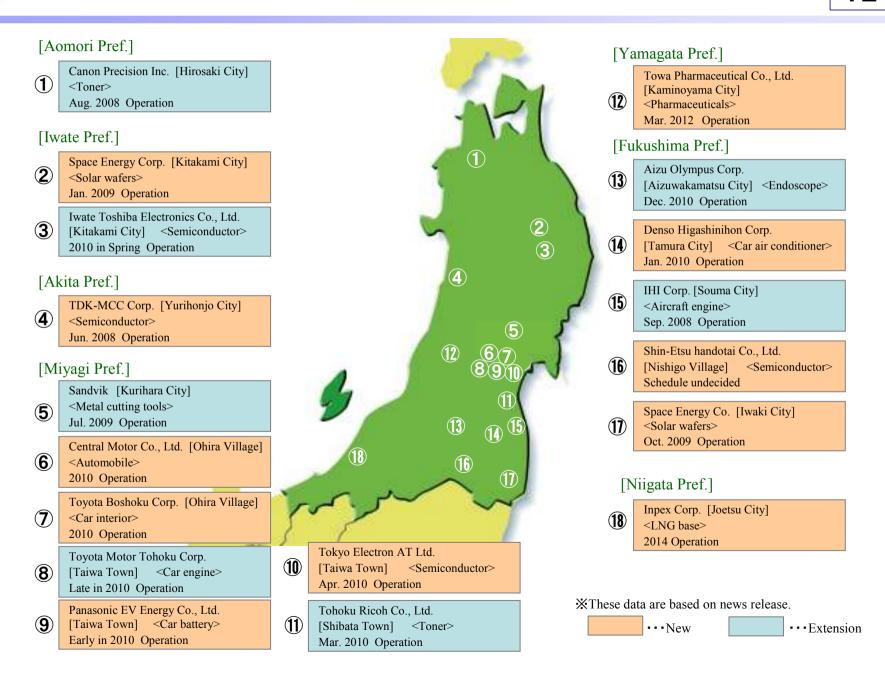
# (Major Factors)

		Projection	for FY2008	Results of	Comparison	
		On Oct. 2008 (A)	On Jul. 2008 (B)	FY2007	(A) - (B)	(A) - (C)
Electric Power Sales (100 millions of kWh)		841	841	841	1	_
	Residential	247	249	251	(2)	(4)
	Commercial and Industrial	594	592	590	2	4
Crude Oil C	CIF Price (\$/bbl)	110.0	125.0	78.7	(15.0)	31.3
Exchange R	Rate (¥/\$)	106	106	114	0	(8)
Hydro Power Flow Rate (%)		96.0	97.0	95.1	(1.0)	0.9
Nuclear Power Capacity Factor (%)		69.0	68.0	66.3	1.0	2.7

## (Sensitivity to Major Factors)

	Projection	for FY2008	Results of	Comparison		
	On Oct. 2008 (A)	On Jul. 2008 (B)	FY2007	(A) - (B)	(A)-(C)	
Crude Oil CIF Price (per \$1/bbl)	32	33	33	(1)	(1)	
Exchange Rate (per ¥1/\$)	41	50	27	(9)	14	
Hydro Power Flow Rate (per 1%)	20	24	8	(4)	12	
Nuclear Power Capacity Factor (per 1%)	48	53	19	(5)	29	







# (Topics) Privatization of the City of Sendai's gas business

Tohoku Electric Power Company (Tohoku EPCo.), Tokyo Gas Co., Ltd., and Japan Petroleum Exploration Co., Ltd. filed applications for examination of their qualifications with the City of Sendai regarding privatization of the City of Sendai's gas business, which was approved on October 6.

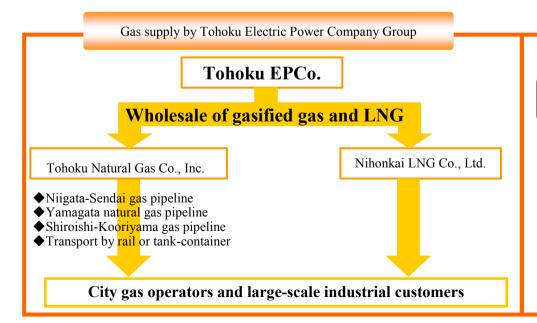
Upon detailed investigations, including examination of business content and evaluation of profitability, the business potential of the said gas operations will be assessed to determine our response to these proposals.

#### **Objectives of participation**

- ◆ An opportunity to grow as a comprehensive energy service company
- ◆Contribution to improved energy security through stable procurement and supply as a local energy operator

#### **Future schedule**

- ◆Closing date for proposals --- Feb. 2, 2009
- ◆Determination of the business successor --- By the end of Mar. 2009
- ♦ Signing of the contract --- By May 29, 2009
- ◆Transfer of the business --- Apr. 1, 2010



Current relations of Tohoku EPCo. and the Gas Bureau, City of Sendai

Collaboration in operating businesses such as wholesale supply and swap scheme

- ◆ Wholesale supply to the Gas Bureau, City of Sendai through Tohoku Natural Gas Co., Inc. (Since Apr. 2002)
- ◆Equal-amount exchange of gasified gas supplied by Niigata-Sendai gas pipeline for LNG procured by the Gas Bureau, City of Sendai, reducing distance costs (Since Sep. 2005)

# (Ref.) Electricity Sales

(millions of kWh)

		2nd quarter of FY2004	2nd quarter of FY2005	2nd quarter of FY2006	2nd quarter of FY2007	2nd quarter of FY2008
Regu	ılated Segment	22,988	13,380	13,408	13,296	13,061
	Residential	10,858	11,112	11,208	11,218	11,062
	Commercial	12,130	2,268	2,200	2,078	1,999
Dere	gulated Segment (※)	14,687	24,987	25,939	27,092	27,551
Tota	1	37,675	38,367	39,347	40,388	40,612

<sup>→</sup> Deregulated segment is constituted by customers who use a supply system with a contracted demand of 500kW or above in FY2004, and 50kW or above after FY2005

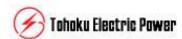
## [Sub-segment]

(millions of kWh)

Large Industrial	12,323	12,542	13,308	14,205	14,821
------------------	--------	--------	--------	--------	--------



		2nd quarter of FY2004	2nd quarter of FY2005	2nd quarter of FY2006	2nd quarter of FY2007	2nd quarter of FY2008
Operating	Consolidated	7,824	7,957	8,379	8,529	8,830
Revenues	Non-consolidated	7,221	7,286	7,658	7,640	8,048
Operating	Consolidated	1,179	662	825	698	45
Income	Non-consolidated	1,095	563	739	573	(60)
Ordinary	Consolidated	844	384	615	480	(142)
Income	Non-consolidated	759	347	529	371	(232)
Net	Consolidated	437	164	346	277	(82)
Income	Non-consolidated	402	194	316	235	(128)
DOE (0/)	Consolidated	4.9	1.8	3.5	2.8	(0.9)
ROE (%)	Non-consolidated	4.8	2.3	3.6	2.7	(1.6)
FCF	Consolidated	1,270	716	966	480	(227)



		Mar. 31, 2005	Mar. 31, 2006	Mar. 31, 2007	Mar. 31, 2008	Sep. 30, 2008
	Consolidated	41,224	41,139	40,693	40,338	40,228
Total Assets	Non- consolidated	37,579	37,591	37,093	36,759	36,690
Consolidated	Consolidated	31,471	31,047	30,366	30,184	30,325
Liabilities	Liabilities Non-consolidated	29,185	28,961	28,348	28,307	28,526
	Consolidated	9,297	9,629	10,326	10,153	9,902
Net Assets (※)	Non- consolidated	8,394	8,629	8,745	8,451	8,163
	Consolidated	22.6	23.4	24.2	23.9	23.4
Equity Ratio (%)	Non- consolidated	22.3	23.0	23.6	23.0	22.2
Interest-Bearing Liabilities	Consolidated	21,688	22,047	21,633	20,819	21,377
	Non- consolidated	20,488	21,149	20,853	20,155	20,756

<sup>★</sup> Up to FY2005 "Shareholders' Equity"

# (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.

Tohoku Electric Power Co., Inc. hereby disclaim any responsibility or liability in relation to consequences resulting from decisions made by investors.