

# Supplementary Materials

## 2nd Quarter of FY2009

November 6, 2009

 Tohoku Electric Power Co., Inc.

# Contents

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1. Large Industry Sector
2. Corporate Advancement in the Tohoku Region (2008 or later)
3. Marketing Activities
4. Introduction of Highly Efficient Combined Cycle Thermal Power Generation



## [Aomori Pref.]

① Canon Precision Inc. [Hirosaki City]  
<Toner>  
Operation : Aug. 2008

## [Iwate Pref.]

② Space Energy Corp. [Kitakami City]  
<Solar wafers>  
Operation : Jan. 2009

② Iwate Toshiba Electronics Co., Ltd.  
[Kitakami City] <Semiconductor>  
Operation : Spring of 2010  
→ Schedule undecided

## [Akita Pref.]

③ TDK-MCC Corp. [Yurihonjo City]  
<Semiconductor>  
Operation : Jun. 2008

## [Miyagi Pref.]

④ Sandvik [Kurihara City]  
<Metal cutting tools>  
Operation : Sep. 2009  
→ Schedule undecided

⑤ Central Motor Co., Ltd. [Ohira Village]  
<Automobile>  
Operation : Oct. 2010

⑤ Toyota Boshoku Corp. [Ohira Village]  
<Car interior>  
Operation : Jan. 2011

⑤ Toyota Motor Tohoku Corp.  
[Taiwa Town] <Car engine>  
Operation : Late in 2010  
→ Schedule undecided

⑥ Panasonic EV Energy Co., Ltd.  
[Taiwa Town] <Car battery>  
Operation : Early 2010 → Dec. 2009

⑥ Tokyo Electron AT Ltd.  
[Taiwa Town] <Semiconductor>  
Operation : Apr. 2010  
→ Schedule undecided

⑦ Tohoku Ricoh Co., Ltd.  
[Shibata Town] <Toner>  
Operation : Mar. 2010

⑧ M.Setek Co., Ltd. [Watari Town]  
<Solar wafers>  
Operation : 2010

## [Yamagata Pref.]

⑨ Towa Pharmaceutical Co., Ltd.  
[Kaminoyama City] <Pharmaceuticals>  
Operation : Mar. 2012

⑩ NEC Semiconductors Ltd.  
[Tsuruoka City] <Semiconductor>  
Operation : Mar. 2009

## [Fukushima Pref.]

⑪ Aizu Olympus Corp.  
[Aizuwakamatsu City] <Endoscope>  
Operation : Dec. 2010  
→ Apr. 2009 (in part)

⑫ Denso Higashihon Corp.  
[Tamura City] <Car air conditioner>  
Operation : Jan. 2010  
→ Spring of 2011 or later

⑬ IHI Corp. [Souma City]  
<Aircraft engine>  
Operation : Sep. 2008

⑭ Space Energy Co. [Iwaki City]  
<Solar wafer>  
Operation : Oct. 2009  
→ Schedule undecided

⑮ Sony Energy Devices Corp.  
[Motomiya City] <Lithium-ion battery>  
Operation : Mar. 2010

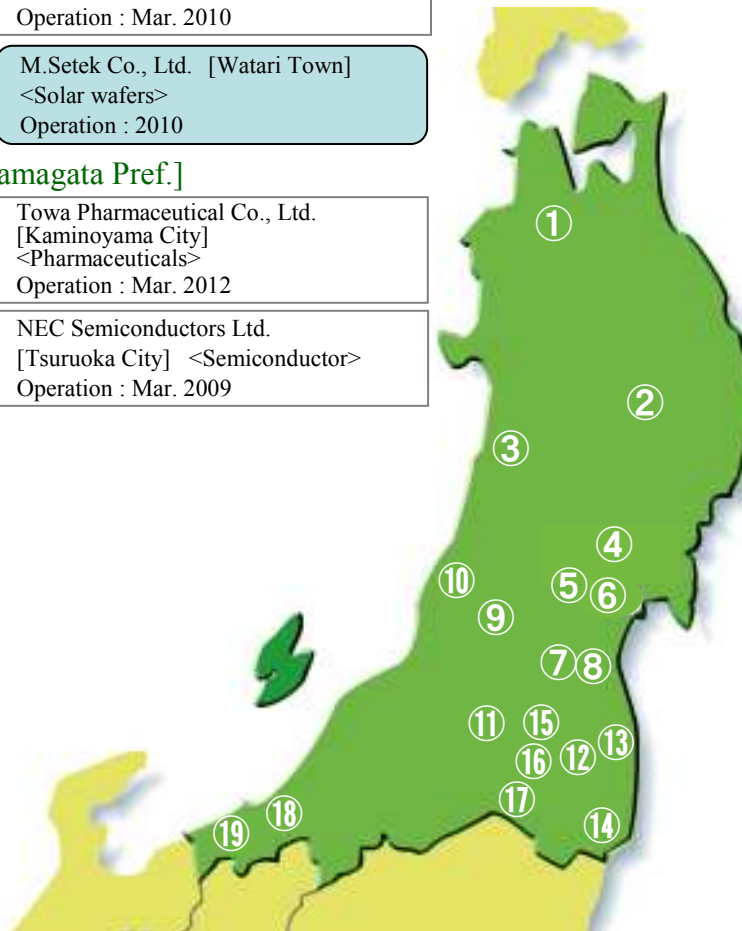
⑯ Rengo Co., Ltd. [Yabuki Town]  
<Corrugated Board>  
Operation : 2010

⑰ Tohoku Nipro Pharmaceutical  
[Kagamiishi Town] <Pharmaceutical Products>  
Operation : Oct. 2008

## [Niigata Pref.]

⑱ Inpex Corp. [Joetsu City]  
<LNG base>  
Operation : 2014

⑱ Denki Kagaku Kogyo K.K.  
[Itoigawa City] <Carbide>  
Operation : 2011



- ... Reported at the previous presentation
- ... (Re-display) Operation date changed
- ... Reported after the previous presentation

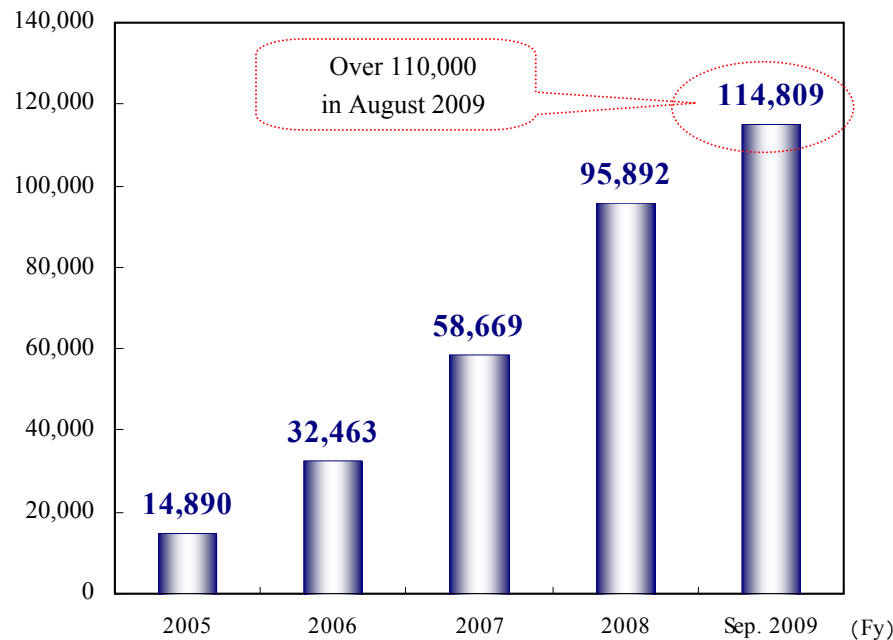
※These data are based on news releases.

○Due to the characteristics of the Tohoku region, where approx. 70% of domestic energy use is for hot water supply and heating, we recommend “EcoCute” to consumers for hot water supply, and “Heat Pump heating” for heating, with an aim to reduce carbon dioxide emission. This is our effort to spread the use of high-efficiency equipment that offers advanced environment-friendliness and energy conservation.

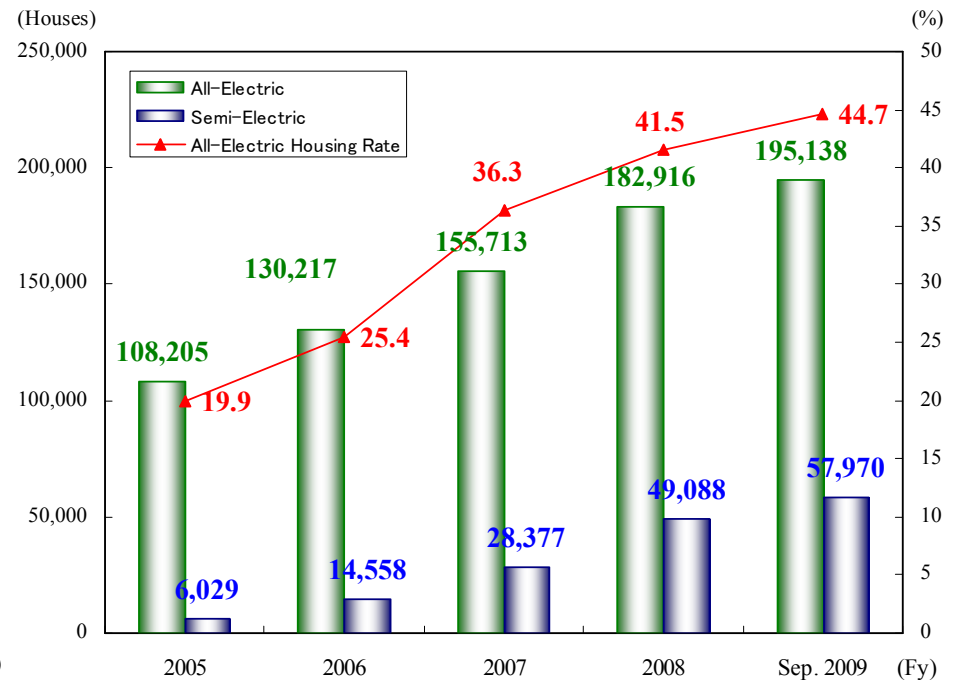
○As a result of such efforts, the total number of residences that installed such products as of September 2009 was 114,809 for EcoCute, 195,138 for all-electric household systems, and 57,970 for semi-electric household systems \*.

\*Semi-electric household systems refer to those in which electric appliances are used in the kitchen and for hot water, excluding heating.

EcoCute (Total Number)



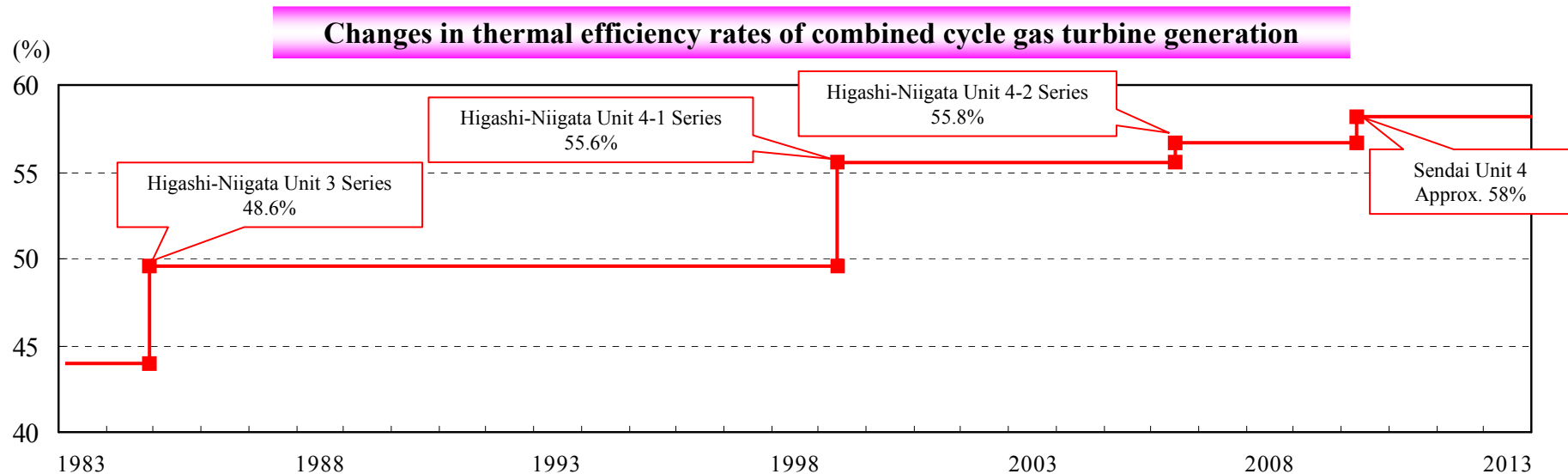
All-Electric and Semi-Electric Housing (Total Number)



○Highly efficient combined cycle power generation equipment that is expected to contribute to the reduction of power generation costs as well as carbon dioxide emission will be introduced into the Sendai and Niigata thermal power generation plants over 2010-2011.

	Generating capacity	Commencement of commercial operation [Trial operation]	Thermal efficiency rates	Basic unit of carbon dioxide emission before and after the replacement (kg-CO <sub>2</sub> /kWh)
Sendai Unit 4	446MW	Jul. 2010 [Feb. 2010 or later]	Approx. 58%	0.859 (No. 1, 2 units) → 0.362 (Approx. 30%* reduced compared to conventional gas-fire)
Niigata Unit 5 Series	109MW	Mar. 2011	Approx 50%	0.51 (No.3 unit) → 0.42 (Approx. 20%* reduced compared to conventional gas-fire)

\*Assumption: Facility usage rate of 70%



(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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