



March 27, 2014

**Submission of the Electricity Supply Plan for Fiscal Year 2014**

Tohoku Electric Power Co., Inc. hereby announces that it submitted its “Electricity Supply Plan for Fiscal Year 2014”\* to the Minister of Economy, Trade and Industry today.

With regard to the “Electricity Supply Plan for Fiscal Year 2014” that was submitted to the Minister of Economy, Trade and Industry today, the outlook for electricity supply capacity over the next ten years remains pending considering the circumstances of the resumption of operations of nuclear reactors.

Note: “Electricity Supply Plan for Fiscal Year 2014”

- This plan represents a summary of electricity demand and supply forecasts and projects, etc. over the next ten years, and a plan for each year is required to be submitted to the Minister of Economy, Trade and Industry by the end of the previous fiscal year, pursuant to Article 29 of The Electricity Business Act.

## Outline of the Electricity Supply Plan for Fiscal Year 2014

### <Electricity Demand Outlook>

The outlook for electricity demand is envisaged based on the close examination of several factors, including current demand trends, prospect of the economy and the population in Tohoku area, and post-earthquake reconstruction.

	FY2012 (Actual)	FY2013 (Estimated)	FY2014	FY2015	FY2016	FY2023	Average annual rate of increase from FY 2012 to 2023 (%/year)
Electricity Sales (TWh)	77.8 (76.6)	77.2 (76.9)	78.3	79.7	80.6	85.4	0.9% (1.0%)
Maximum Demand (GW)	13.23 (12.42)	12.50 (12.53)	12.92	13.17	13.39	14.22	0.7% (1.2%)

(Note 1) The values in parenthesis are after air temperature correction.

(Note 2) Maximum demand represents a three-day average of the maximum power demand at the transmitting end in August.

### < Electricity Supply Capacity Outlook>

The outlook for electricity supply capacity remains pending considering the circumstances of the resumption of operations of nuclear reactors.

### <Plan for Development of Power Sources>

Facilities	Location / Name	Output (MW)	Start of construction	Start of operation
Hydro electric	Tsugaru	8.5	Aug. 2010	May 2016
	Iino	0.23	Apr. 2013	Jun. 2014
	Dai-ni Yabukami	4.5	Jul. 2013	Mar. 2016
Thermal	Shin-Sendai No.3 series	980	Nov. 2011	Dec. 2015 (Half) Jul. 2016 (Half)
	Hachinohe No.5	274 => 394 Upgrade to combined cycle	Apr. 2012	Aug. 2014
		394 => 416 Fuel shift (Light oil => LNG)	Oct. 2013	Jul. 2015
	Noshiro No.3 <small>Thermal power supply station for a bid in FY2014</small>	600	FY2016	FY2020
	Joetsu No.1 <small>Thermal power supply station for a bid in FY2014</small>	Approx.600	FY2019	FY2023
	Awashima No.7~10	Total 0.9	FY2014 or later	FY2017~FY2019
Nuclear	Higashidori No.2	1,385	Not yet determined	Not yet determined
Renewable (Solar)	Haramachi Solar	1	Mar. 2014	Jan. 2015
	Ishinomaki-Hebita Solar	0.3	Apr. 2015	Mar. 2016

**<Plan for Thermal Power Supply by a Bid >**

	Power Supply 1 under collection	Power Supply 2 under collection
Scale of collection	600MW	600MW
Start of supplying	Jun. 2020~Jun.2022	Jun. 2023~Jun.2024

**<Plan for Closing of Thermal Power Plant>**

Plant	Output (MW)	Timing for the closing
Shin-Sendai No.1 * <sup>1</sup>	350	Sep. 2015
Awashima No.2~6 * <sup>2</sup>	Total 0.9	FY2014~FY2019

\*<sup>1</sup> Plant closing associated with the new construction of Shin-Sendai No.3 series

\*<sup>2</sup> Plant closing associated with the new construction of Awashima No.7~10

**<Plan for Closing of Hydroelectric Power Plant>**

Plant	Output (MW)	Timing for the closing
Iwakigawa Dai-ichi	11	Sep. 2015

\* Plant closing associated with the new construction of Tsugaru hydroelectric power plant

**<Plan for Transmission and Substation>**

Facilities	Project name	Outline of facilities	Start of construction	Start of operation
Transmission	Construction of Minami-Yamagata Trunk Line	275kV (Design of 500kV) 23km	Apr. 2015	Jun. 2018
	Construction of Higashi-Hanamaki Branch Line	275kV 3km	Feb. 2016	Nov. 2017
Substation	Expansion of Noshiro	275/66kV 100MVA×1	Apr. 2013	Oct. 2014
	Construction of Higashi-Hanamaki	275/154kV 300MVA×2	Mar. 2015	Nov. 2017