



TOHOKU ELECTRIC POWER CO., INC.

March 26, 2015

Submission of the Electricity Supply Plan for Fiscal Year 2015

Tohoku Electric Power Co., Inc. hereby announces that it submitted its “Electricity Supply Plan for Fiscal Year 2015”* to the Minister of Economy, Trade and Industry today.

In the electricity supply plan submitted today, the outlook for electricity supply capacity for the next ten years remains “undecided”, considering the circumstances of the resumption of operations of nuclear reactors.

Note: “Electricity Supply Plan”

- An electricity supply plan set forth the plan for supplying electric power for the next ten years together with plans for the installation and operation of electrical facilities during that time. Power utilities are required to submit the plan to the Minister of Economy, Trade and Industry by the end of each fiscal year, pursuant to Article 29 of The Electricity Business Act.

Overview of the Electricity Supply Plan for Fiscal Year 2015

<Electricity Demand Outlook>

The outlook for electricity demand is envisaged based on the close examination of several factors, including current demand trends, Tohoku's economic and demographic outlook and post-earthquake reconstruction trends.

	FY2013 (Actual)	FY2014 (Estimated)	FY2015	FY2016	FY2024	FY2013-FY2024 Average growth rate per year
Electricity Sales (TWh)	77.5 (77.0)	76.9 (76.8)	77.9	78.4	83.4	0.7% (0.7%)
Maximum Demand (GW)	12.50 (12.53)	13.14 (12.86)	12.96	13.07	13.72	0.9% (0.8%)

(Note 1) Figures in parenthesis are figures after air temperature correction.

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

< Electricity Supply Capacity Outlook>

The outlook for electricity supply capacity remains “undecided”, considering the circumstances of the resumption of operations of nuclear reactors.

<Plan for Development of Power Sources>

Changes from the previous plan

- We crystallized the time for construction and operation for Noshiro No.3 and Joetsu No.1 as we won the bids for the thermal power supply in FY2014. We changed the output of Joetsu No.1 from about 600MW to 572MW.
- Abolishment of Ishigegawa and Kita-Ebisugawa hydro power plants in March 2016 were newly added to the plan.

Facilities	Location / Name	Output (MW)	Start of construction	Start of operation
Hydro	Tsugaru	8.5	Aug. 2010	May 2016
	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	394 => 416 Fuel shift (Light oil => LNG)	Oct. 2013	Jul. 2015
	Noshiro No.3	600	Jan.2016	Jun.2020
	Joetsu No.1	572	May 2019	Jun.2023
	Awashima No.7~10	Total 0.9	Sep.2014	FY2017~FY2019
Nuclear	Higashidori No.2	1,385	Not yet determined	Not yet determined
Renewable	Ishinomaki-Hebita Solar	0.3	Apr. 2015	Mar. 2016

<Plan for Abolishment of Thermal Power Plants>

Plant	Output (MW)	Abolishment Schedule
Shin-Sendai No.1 * ¹	350	Sep. 2015
Awashima No.2~6 * ²	Total 0.9	FY2014~FY2019

*¹ Abolishment associated with the construction of Shin-Sendai No.3 series

*² Abolishment associated with the construction of Awashima No.7~10

No.2 was abolished in September 2014.

<Plan for Closing of Hydroelectric Power Plants>

Plant	Output (MW)	Abolishment Schedule
Iwakigawa Dai-ichi*	11	Sep. 2015
Ishigegawa	0.54	Mar.2016
Kita-Ebisugawa	0.114	Mar.2016

* Abolishment associated with the construction of Tsugaru hydro power plant

<Plan for Transmissions and Substations>

Changes from the previous plan

- The construction of incoming line of AC/DC converter station, expansion of Miyagi Chuo substation and installation of phase adjuster at Miyagi substation were newly added to the plan.
- The start of operation of Higashi-Hanamaki Branch Line and Higashi-Hanamaki substation were scheduled in October 2017, a month earlier from the previous plan.

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	Oct. 2017
	Construction of Incoming Line of AC/DC Converter Station	275kV 2km	Aug.2016	Jun. 2018
Substation	Construction of Higashi-Hanamaki	275/154kV 300MVA×2	Mar. 2015	Oct. 2017
	Expansion of Miyagi Chuo	500/275kV 1,000MVA×1	Feb. 2016	Nov. 2018
	Installation of Phase Adjuster at Miyagi	275kV 850MVA×2	Jul. 2016	Dec. 2018