Attachment

Overview of FY2013 “Electric Power Supply Plan”

Demand outlook

(units: 100 million kWh, 10,000 kW, %)

Item \ Fiscal year	2011 (Results)	2012 (Estimated results)	2013	2014	2015	2016	2017	2022	2022/2011 Yearly average increase %
Electric energy sold	1,279 《1,266》	1,254 (1,244)	1,241	1,249	1,256	1,263	1,274	1,327	0.3 《0.4》
Peak load	〈2,502〉 2,427 (2,439)	〈2,457〉 2,385 (2,390)	2,414	2,434	2,444	2,454	2,467	2,533	0.4 (0.3)

Note) Figures in ( ) are adjusted for temperature; figures in 《》 are adjusted for temperature and leap year
Note) Peak load is the maximum three-day average at the transmitting end (figures in 〈〉 are results for the generating end). FY2013 peak load (generating end) estimated at about 24.9 GW
Note) In FY2012, peak load was recorded in July

Main Power Generation Facilities Plan

(Unit：10,000 kW)

	Item \ Fiscal year		2012 (Results)	2013	2014-2017	2018-2022
Chubu Electric Power		Nuclear				
		Thermal Power	Joetsu Thermal Power Group No.1 119(2012/7,2013/1)	Joetsu 2-1 59.5(2013/7) Nishi-Nagoya Unit1-4 ▲119(FY2013)	Joetsu 2-2 59.5(2014/5) Nishi-Nagoya Group No.7 231.6(2017/9,2018/3)	
		Hydro Power	Okuyahagi Daiichi 3*1 +0.2(2012/6) Okuizumi*1 +0.5(2012/6) Wago*1 +0.02(2012/10)	Mie Prefecture hydroelectric power stations 2 locations 0.38(2013/4) <Acquired>	Tokuyama 2 2.24(2014/6) Tokuyama 1 13.1(2015/6) Atagi 0.019(2015/6) Nyukawa 0.035(2016/6) 2 location 0.051(FY2015) Mie Prefecture hydroelectric power stations 8 locations 9.42(2014/4-2015/4)<Acquired>	1 location 0.032(FY2018) 1 location 0.5(FY2020) 1 location 0.73(FY2022)
	New Energy	Wind power				
		Solar			Mega Solar Shimizu 0.8(2015/2)	
Subtotal			119.72	59.88 ▲119	316.765	1.262
Power Purchased		Nuclear				
		Hydro Power				
		Wind power				
Group Companies, etc.*2	New Energy Source	Wind Power	Wind Park Hisai-Sakakibara 0.3(2012/8) <Acquired from Tsu City>		Tahara joint project 0.6(2014/10) Aoyama-Kogen Wind Farm expansion 8(FY2015,2016) Wind farm Minami Ibuki(Tentative name) 3.2(FY2017)	3 location 5(FY2021-2022)
		Solar	4 location 0.55(FY2012)	9 location 1.42(FY2013)	4 location 9.95(FY2014) 1 location 1.1(FY2016)	

Note) Facilities for which the date of commencement of operation is undecided are not included.
*1. Output increase from facility improvement, etc. (results)
*2. For Group companies, etc., projects are listed where a Group company is the power producer or made the investment, etc.

Distribution facilities plan

	Subject	Scale*	Scheduled start of use
Transmission facilities	275 kV Suruga - Higashi Shimizu line	16km	November 2013(Partial operation in November 2012)
	275kV Ama - Meijo Line π connection to Ushijima-cho(sub)	0.1km	January 2017
	500 kV Tokyo/Chubu Interconnecting Converter Station Branch Line (tentative name)	Undecided	FY 2020
Transformer facilities	275kV Higashi Shimizu Substation	500,000 kVA	November 2013
	Ushijima-cho Substation 275/77 kV Transformer installed	600,000 kVA	February 2017
	Ushijima-cho Substation Transformer voltage step-up(154/33 to 275/33 kV)	—	May 2017
	275 kV Kawane Substation transformer replacement	400,000 kVA→600,000 kVA	May 2017
	Expansion of 275 kV Nishi-Nagoya Substation	450,000 kVA	June 2018
	Tokyo/Chubu Interconnecting Converter Station (tentative name)	900,000 kW	FY2020

Note) Facilities have not been listed if the scheduled start of use is undecided
* Figures for transmission lines are distance; figures for substations are added output

POWER SYSTEM MAP