

**2012 and 2011 Comparative Capacities**

**LUZON GRID**

FUEL TYPE	Installed Capacity (MW)		Difference	Dependable Capacity (MW)		Difference	Remarks on the Difference of Installed Capacity
	2012	2011	MW	2012	2011	MW	
Coal	4,531	3,879	651.6	4,219	3,664	555	Commercial operation of 651.6 MW GN Power
Oil Based	1,778	1,757	21.3	1,586	1,633	(48)	Commercial operation of 21.3 MW CIP II Diesel
Natural Gas	2,861	2,861	0.0	2,759	2,770	(11)	
Geothermal	824	751	72.6	587	587	0	55 MW Makban 6 on shutdown since 2006 and 18 MW Ormat-Manito on shutdown since 2005 but not yet decommission as submitted by the Plant Owner
Hydro	2,462	2,440	22.8	2,147	2,124	23	Uprating of Binga HEP from 100 MW to 125 MW. Non-operation of some small hydros
Wind	33	33	0.0	17	33	(16)	
Biomass	38	17	21.0	34	13	21	Commercial operation of 19.8 MW Green Future and 1.2 MW Pangea
<b>TOTAL</b>	<b>12,528</b>	<b>11,739</b>	<b>789.2</b>	<b>11,349</b>	<b>10,824</b>	<b>524</b>	

*Note: Dependable capacity may vary based on the operation of each generating plant*

**VISAYAS GRID**

FUEL TYPE	Installed Capacity (MW)		Difference	Dependable Capacity (MW)		Difference	Remarks
	2012	2011	MW	2012	2011	MW	
Coal	806	806	0	777	777	0	
Oil Based	670	615	55	505	476	29	Revised capacity of Enervantage, from 22 MW to 11 MW. Inclusion of CEMEX 66 MW self-gen
Geothermal	915	923	(8)	777	745	32	Revised Installed capacity of Leyte A from 618.4 MW to 610.2 MW
Hydro	11	13	(2)	11	13	(2)	Shutdown of Small Hydros (Ton-ok & Henabian)
Biomass	44	44	0	32	26	6	
Natural Gas	1	0	1	1	0	1	Commercial operation of 1.02 MW Libertad Gas in Cebu
<b>TOTAL</b>	<b>2,448</b>	<b>2,402</b>	<b>46</b>	<b>2,103</b>	<b>2,037</b>	<b>67</b>	

*Note: Dependable capacity may vary based on the operation of each generating plant*

**MINDANAO GRID**

FUEL TYPE	Installed Capacity (MW)		Difference	Dependable Capacity (MW)		Difference	Remarks
	2012	2011	MW	2012	2011	MW	
Coal	232	232	0	210	210	0	
Oil Based	625	622	3	470	469	1	Commercial operation of 3.2 MW King Energy
Geothermal	108	108	0	98	102	(4)	
Hydro	1,047	1,038	9	826	827	(1)	Commercial operation of 9.2 MW Cabulig HEP
Solar	1	1	0	0.3	1	(0.7)	
Biomass	36	21	15	10	7	3	Expansion of Crystal Sugar from 21 MW to 35.9 MW
<b>TOTAL</b>	<b>2,049</b>	<b>2,022</b>	<b>27</b>	<b>1,614</b>	<b>1,616</b>	<b>(1)</b>	

*Note: Dependable capacity may vary based on the operation of each generating plant*

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PHILIPPINES

FUEL TYPE	Installed Capacity (MW)		Difference	Dependable Capacity (MW)		Difference
	2012	2011	MW	2012	2011	MW
Coal	5,568	4,917	652	5,206	4,651	555
Oil Based	3,074	2,994	79	2,561	2,579	(18)
Natural Gas	2,862	2,861	1	2,760	2,770	(10)
Geothermal	1,848	1,783	64	1,462	1,434	28
Hydro	3,521	3,491	30	2,983	2,963	20
Wind	33	33	0	17	33	(16)
Biomass	119	83	36	76	46	30
Solar	1	1	0	0	1	(1)
<b>TOTAL</b>	<b>17,025</b>	<b>16,162</b>	<b>863</b>	<b>15,066</b>	<b>14,477</b>	<b>589</b>

**Note:**

**Excluding off-grid generators**

**Release date, MAY 2013**