

**2010 LIST OF EXISTING PLANTS
LUZON**

PLANT	CAPACITY, MW		LOCATION MUN/PROV	OWNER	OWNER TYPE	TYPE OF CONTRACT	ORIGINAL YEAR COMMISSIONED
	Installed	Dependable					
Coal	3,849.00	3,530.71					
Pagbilao Unit 1	382.00	382.00	Pagbilao, Quezon	TeaM Energy Corporation	NON-NPC/IPP	BOT-ECA	3/7/1996
Pagbilao Unit 2	382.00	382.00	Pagbilao, Quezon	TeaM Energy Corporation	NON-NPC/IPP	BOT-ECA	5/26/1996
<i>Calaca 1</i>	300.00	165.00	Calaca, Batangas	DMCI Holdings, Inc.	NON-NPC/IPP		9/5/1984
<i>Calaca 2</i>	300.00	184.00	Calaca, Batangas	DMCI Holdings, Inc.	NON-NPC/IPP		6/5/1995
<i>Masinloc I</i>	315.00	315.00	Masinloc, Zambales	Masinloc-Power Partners Ltd.	NON-NPC/IPP		6/18/1998
<i>Masinloc II</i>	315.00	311.00	Masinloc, Zambales	Masinloc-Power Partners Ltd.	NON-NPC/IPP		12/1/1998
Sual I	647.00	645.27	Sual, Pangasinan	TeaM Sual Corporation	NON-NPC/IPP	BOT-ECA	10/23/1999
Sual II	647.00	644.43	Sual, Pangasinan	TeaM Sual Corporation	NON-NPC/IPP	BOT-ECA	10/5/1999
<i>Quezon Power</i>	511.00	460.00	Mauban, Quezon	Quezon Power Phils.	NON-NPC/IPP		5/1/2000
<i>APEC</i>	50.00	42.00	Mabalacat, Pampanga	Asia Pacific Energy Corp.	NON-NPC/IPP		7/1/2006
Diesel	613.68	343.40					
<i>Duracom Unit 1 & 2</i>	133.38	0.00	Navotas, Metro Manila	Duracom Mobile Power Corp.	NON-NPC/IPP		9/1/1995
<i>East Asia Diesel (Duracom Unit 3 & 4)</i>	109.00	0.00	Navotas, Metro Manila	East Asia Diesel Power Corp.	NON-NPC/IPP		9/1/1995
<i>Angeles Calibu DPP</i>	30.00	30.00	Angeles City	Angeles Electric Corporation	NON-NPC/IPP		12/5/1994
<i>Angeles Petersville DPP</i>	9.60	9.60	Angeles City	Angeles Electric Corporation	NON-NPC/IPP		
<i>FPPC- Bauang Dsl</i>	235.20	215.00	Bauang, La Union	1590 Energy Corporation	NON-NPC/IPP		8/30/1994
<i>FCVC DPP</i>	25.60	23.70	Cabanatuan City	Cabanatuan Electric Corp.	NON-NPC/IPP		1/15/1996
<i>Tarlac Electric Power</i>	18.90	17.10	Capas, Tarlac	Tarlac Power Corporation	NON-NPC/IPP		July 1995
<i>Trans Asia Power</i>	52.00	48.00	Norzagaray, Bulacan	Trans Asia Power	NON-NPC/IPP		1997
Natural Gas	2,861.00	2,756.00					
<i>Sta. Rita Natural Gas</i>	1,060.00	1,038.00	Sta. Rita, Batangas	First Gas Power Corp	NON-NPC/IPP		6/2000 10/2001
Ilijan	1,271.00	1,200.00	Ilijan, Batangas City	KEPCO (Ilijan)	NON-NPC/IPP	BOT-ECA/GSPA	6/5/2002
<i>First Gas B (San Lorenzo)</i>	530.00	518.00	Sta. Rita, Batangas	First Gas Power Corp	NON-NPC/IPP		9/1/2002
Gas Turbine	720.00	596.00					
<i>Hopewell GT</i>	100.00	30.00	Navotas, Metro Manila	PSALM	NPC	BOT-ECA	8/16/1990 3/18/1993
<i>Limay CCGT</i>	620.00	566.00	Limay, Bataan	San Miguel Energy Corp.	NON-NPC/IPP		5/14/1993 , 12/10/1994

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	Installed	Dependable					
Geothermal	899.03	499.50					
<i>MakBan 1</i>	63.20	52.07	Calauan, Laguna	AP Renewable Inc.	NON-NPC/IPP		4/26/1979
<i>MakBan 2</i>	63.20	51.13	Calauan, Laguna	AP Renewable Inc.	NON-NPC/IPP		7/25/1979
<i>MakBan 3</i>	63.20	56.79	Calauan, Laguna	AP Renewable Inc.	NON-NPC/IPP		4/22/1980
<i>MakBan 4</i>	63.20	50.98	Calauan, Laguna	AP Renewable Inc.	NON-NPC/IPP		6/25/1980
<i>MakBan 5</i>	55.00	0.00	Calauan, Laguna	AP Renewable Inc.	NON-NPC/IPP		6/5/1984
<i>MakBan 6</i>	55.00	0.00	Calauan, Laguna	AP Renewable Inc.	NON-NPC/IPP		9/10/1984
<i>MakBan 7 (D)</i>	20.00	17.74	Calauan, Laguna	AP Renewable Inc.	NON-NPC/IPP		10/16/1995
<i>MakBan 8(D)</i>	20.00	18.95	Calauan, Laguna	AP Renewable Inc.	NON-NPC/IPP		11/12/1995
<i>MakBan 9(E)</i>	20.00	16.23	Calauan, Laguna	AP Renewable Inc.	NON-NPC/IPP		5/22/1996
<i>Makban 10(E)</i>	20.00	16.62	Calauan, Laguna	AP Renewable Inc.	NON-NPC/IPP		5/27/1996
<i>Bac Man I-1</i>	55.00	0.00	Bacon, Sorsogon	Bac-Man Geothermal Inc.	NON-NPC/IPP		9/10/1993
<i>Bac Man I-2</i>	55.00	0.00	Bacon, Sorsogon	Bac-Man Geothermal Inc.	NON-NPC/IPP		12/12/993
<i>Bac Man II-1</i>	20.00	0.00	Bacon, Sorsogon	Bac-Man Geothermal Inc.	NON-NPC/IPP		3/15/1994
<i>Bac Man II (Botong)</i>	20.00	0.00	Bacon, Sorsogon	Bac-Man Geothermal Inc.	NON-NPC/IPP		3/17/1998
<i>Tiwi 1</i>	60.00	54.00	Tiwi, Albay	AP Renewable Inc.	NON-NPC/IPP		1/11/1979
<i>Tiwi 2</i>	60.00	55.00	Tiwi, Albay	AP Renewable Inc.	NON-NPC/IPP		5/25/1979
<i>Tiwi 3</i>	55.00	0.00	Tiwi, Albay	AP Renewable Inc.	NON-NPC/IPP		1/8/1980
<i>Tiwi 4</i>	0.00	0.00	Tiwi, Albay	AP Renewable Inc.	NON-NPC/IPP		4/1/1980
<i>Tiwi 5</i>	57.00	55.00	Tiwi, Albay	AP Renewable Inc.	NON-NPC/IPP		12/20/1981
<i>Tiwi 6</i>	57.00	55.00	Tiwi, Albay	AP Renewable Inc.	NON-NPC/IPP		3/16/1984
<i>MakBan Ormat</i>	15.73	0.00	Bitin, Bay Laguna	Ormat Inc. USA	NPC-IPP	BTO	2/28/1994
<i>Manito</i>	1.50	0.00	Albay	EDC	NON-NPC/IPP		10/1/1998
Hydro	2,345.82	2,101.30					
Large Hydroelectric Plants	2,311.75	2,068.63					
San Roque	411.00	411.00	San Manuel,Pangasinan	San Roque Corporation	NON-NPC/IPP	BOT-PPA	5/1/2003
HEDCOR	18.35	15.41	Banengbeng,Benguet	Hydro Electric Dev't. Corp. (Phils.)	NON-NPC/IPP	BOO-EPSA	1/1/1993
<i>Kalayaan 1 & 2</i>	354.00	354.00	Kalayaan, Laguna	CBK Power Company Ltd.	NPC-IPP	BROT-PPA	8/13/1982 4/25/1982
<i>Kalayaan 3 & 4</i>	355.00	355.00	Kalayaan, Laguna	CBK Power Company Ltd.	NPC-IPP	BROT-PPA	5/1/2004
<i>Magat</i>	360.00	306.72	Ramon, Isabela	SN Aboitiz Power, Inc.	NON-NPC/IPP		8/14/1983 10/24/1983
<i>Caliraya</i>	22.60	23.50	Lumban, Laguna	CBK Power Company Ltd.	NPC-IPP	BROT-PPA	1942 / 1947 / 1950
<i>Botocan</i>	22.80	21.94	Kalayaan,Laguna	CBK Power Company Ltd.	NPC-IPP	BROT-PPA	1946-48
<i>Angat</i>	246.00	185.00	Norzagaray, Bulacan	PSALM	NPC		10/16/1967 6/16/1986
<i>Pantabangan-Masiway</i>	112.00	112.00	Pantabangan, Nueva Ecija	First Gen Hydro Power Corp.	NON-NPC/IPP		4/1/1977 5/1/1977, 2/27/1981
<i>Ambuklao</i>	75.00	0.00	Bokud, Benguet	SN Aboitiz Power Hydro, Inc.	NON-NPC/IPP		12/23/1956
<i>Binga</i>	100.00	100.00	Itogon, Benguet	SN Aboitiz Power Hydro, Inc.	NON-NPC/IPP		1/19/1960
Bakun	70.00	35.06	Alilem, Ilocos Sur	HEDCOR (Bakun)	NON-NPC/IPP	BOT-PPA	2/6/2001 10/10/2000
<i>Casecnan (NIA)</i>	165.00	149.00	Pantabangan, Nueva Ecija	CE Casecnan Water & Energy Co.,Inc	NON-NPC/IPP	BOT-PPA	4/5/2002

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PLANT	CAPACITY, MW		LOCATION MUN/PROV	OWNER	OWNER TYPE	TYPE OF CONTRACT	ORIGINAL YEAR COMMISSIONED
	Installed	Dependable					
Small Hydroelectric Plants	34.07	32.67					
<i>Cawayan</i>	0.40	0.40	Guinlajon, Sorsogon	SORECO II	NON-NPC/IPP		6/1/2002
<i>Buhi-Barit</i>	2.00	1.80	Buhi, Camarines Sur	People's Energy Inc.	NON-NPC/IPP		9/1/1957
<i>NIA-Baligatan</i>	6.00	6.00	Ramon, Isabela	NIA	NON-NPC/IPP		1987
NMHC	11.90	10.70	Bakun, Benguet	NMHC	NON-NPC/IPP	BOO-EPSA	1/1/1993
<i>Aqua Grande</i>	4.50	4.50	Pagudpod,Ilocos Norte	INEC	NON-NPC/IPP		1983
<i>Amburayan</i>	0.20	0.20	Supiden,La Union	LUELCO	NON-NPC/IPP		1991
<i>Dawara</i>	0.53	0.53	Suyo,Ilocos Sur	ISECO	NON-NPC/IPP		1981
<i>Bachelor</i>	0.75	0.75	Natividad,Pangasinan	PANELCO III	NON-NPC/IPP		1983
<i>Philex</i>	0.50	0.50	Itogon,Benguet	Philex Mining Corp.	NON-NPC/IPP		1988
<i>Club John Hay</i>	0.56	0.56	Baguio City		NON-NPC/IPP		
<i>Magat A&B</i>	2.52	2.52	Ramon, Isabela	ISELCO I	NON-NPC/IPP		1984, 1985
<i>Tumauini</i>	0.25	0.25	Tumauini,Isabela	ISELCO II	NON-NPC/IPP		1992
<i>Dulangan</i>	1.60	1.60	Oriental Mindoro	ORMECO	NON-NPC/IPP		1990
<i>Balugbog</i>	0.65	0.65	Nagcarlan,Laguna	Phil. Power Dev.Co.	NON-NPC/IPP		1933
<i>Palapaquin</i>	0.40	0.40	Sn Pablo,Laguna	Phil. Power Dev.Co.	NON-NPC/IPP		1933
<i>San Juan River</i>	0.15	0.15	Kalayaan,Laguna	Kalayaan Ice Plant	NON-NPC/IPP		
<i>Inarihan</i>	0.96	0.96	Naga,Camarines Sur	Bicol Hydropower Corp.	NON-NPC/IPP		1998
<i>Yabo</i>	0.2	0.2	Pili,Camarines Sur	PROSAMAPI Coop.	NON-NPC/IPP		
Oil Thermal	650.00	646.14					
<i>Malaya 1</i>	300.00	297.86	Pililla, Rizal	KEPHILCO	NPC-IPP	ROM-ECA	9/15/1995
<i>Malaya 2</i>	350.00	348.28	Pililla, Rizal	KEPHILCO	NPC-IPP	ROM-ECA	9/15/1995
Wind	33.00	20.00					
<i>Banguì Bay Wind Power</i>	33.00	20.00	Banguì Bay,Ilocos Norte	North Wind Power Dev.Corp.	NON-NPC/IPP		June 2005
Biomass	9.25	5.40					
Montalban LFG		5.40	Rodriguez, Rizal	Montalban Methane Power Corp.	NON-NPC/IPP		June 2009
TOTAL LUZON	11,980.78	10,498.45					
PHILIPPINES	16,358.9	13,901.5					

Note:

Installed Capacity for NPC/NPC-IPP as per NPC Power Economics Dept. data.

Dependable capacity of NPC/NPC-IPP based in 2010 NGCP-Daily Operations Report Maximum Available Capacity

Non-NPC Installed and Dependable Capacity based on submitted 2010 Monthly Operations Report

Excluding off-grid generators