

LIST OF EXISTING PLANTS

LUZON
as 30 June 2016

POWER PLANT		CAPACITY, MW		Number of Units	LOCATION MUN/PROV	OWNER/ OPERATOR	FIT APPROVED (for RE)	OWNER TYPE	TYPE OF CONTRACT	DATE COMMISSIONED/ COMMERCIAL OPERATION
FACILITY NAME	SUBTYPE	INSTALLED	DEPENDABLE							
GRID-CONNECTED		14,117.6	12,940.5							
COAL		5,210.6	4,898.0							
PAGBILAO	Pulverized Sub Critical Coal	764.0	764.0	2	Pagbilao, Quezon	TeaM Pagbilao Corporation		NON-NPC/IPP	BOT-ECA	3/7/1996
CALACA	Pulverized Sub Critical Coal	600.0	480.0	2	Calaca, Batangas	SEM Calaca Power Corp.		NON-NPC/IPP		9/5/1984
MASINLOC	Pulverized Sub Critical Coal	630.0	630.0	2	Masinloc, Zambales	Masinloc-Power Partners Ltd.		NON-NPC/IPP		6/18/1998
SUAL	Pulverized Sub Critical Coal	1,294.0	1,294.0	2	Sual, Pangasinan	TeaM Sual Corporation		NON-NPC/IPP	BOT-ECA	10/23/1999
QUEZON POWER	Pulverized Sub Critical Coal	511.0	460.0	1	Mauban, Quezon	Quezon Power Phils.		NON-NPC/IPP		5/1/2000
APEC	Pulverized Sub Critical Coal	50.0	42.0	1	Mabalacat, Pampanga	Asia Pacific Energy Corp.		NON-NPC/IPP		7/1/2006
MARIVELES COAL	Pulverized Sub Critical Coal	651.6	604.0	2	Mariveles, Bataan	GN Power Mariveles Coal Plant Ltd.Co		NON-NPC/IPP		Unit 1 (11 May 2013), Unit 2 (9
PETRON RSFFB	Pulverized Sub Critical Coal	140.0	100.0	4	Limay, Bataan	SMC Powergen Inc		NON-NPC/IPP		May 2013
SLTEC PUTING BATO	Circulating Fluidized Bed (CFB) Coal	270.0	244.0	2	Calaca, Batangas	South Luzon Thermal Energy Corporation		NON-NPC/IPP		4/17/2015 2/21/2016
SLPGC	Circulating Fluidized Bed (CFB) Coal	300.0	280.0	2	Calaca, Batangas	Southwest Luzon Power Generation Corporation		NON-NPC/IPP		5/12/2016 *Provisional Authority to Operate
OIL-BASED										
<i>Diesel</i>		679.2	570.0							
SUBIC DPP	Bunker/Diesel Internal Combustion Engine	116.0	110.0	8	Olongapo, Zambales	One Subic Power Generation Corp.		NON-NPC/IPP		2/22/1994
TMO	Bunker/Diesel Internal Combustion Engine Power Barge	242.0	200.0	4	Navotas, Metro Manila	Therma Marine Inc.		NON-NPC/IPP		Nov 2013
BAUANG DPP	Bunker/Diesel Internal Combustion Engine	235.2	180.0	21	Bauang, La Union	1590 Energy Corporation		NON-NPC/IPP		8/30/1994
TRANS ASIA POWER	Bunker/Diesel Internal Combustion Engine	52.0	48.0	1	Norzagaray, Bulacan	Trans Asia Power		NON-NPC/IPP		1997
CIP II	Bunker/Diesel Internal Combustion Engine	21.3	20.0	1	Bacnotan, La Union	CIP II Power Corporation		NON-NPC/IPP		17 Jan 2013
LAFARGE	Bunker/Diesel Internal Combustion Engine	12.7	12.0	2	Taysan, Batangas	Lafarge Cement		NON-NPC/IPP		Jul 2014
<i>Oil Thermal</i>		650.0	600.0							
MALAYA	Bunker-fired Thermal Plant	650.0	600.0	2	Pitilla, Rizal	STX Marine Inc.		NPC-IPP	ROM-ECA	9/15/1995
<i>Gas Turbine</i>		720.0	540.0							
MILLENNIUM GTPP	Open Cycle Gas Turbine (OCGT)	100.0	0.0	1	Navotas, Metro Manila	Millenium Energy Inc		NON-NPC/IPP		1990/1993 (recom. 27 May 20
LIMAY CCGT	Combined Cycle Gas Turbine (CCGT)	620.0	540.0	8	Limay, Bataan	Panasia Energy Holding Inc.		NON-NPC/IPP		5/14/1993 , 12/10/1994
NATURAL GAS		2,871.0	2,780.0							
STA RITA	Combined Cycle Gas Turbine (CCGT)	1,060.0	1,040.0	4	Sta. Rita, Batangas	First Gas Power Corp		NON-NPC/IPP		6/2000 10/2001
ILIJAN	Combined Cycle Gas Turbine (CCGT)	1,271.0	1,200.0	6	Ilijan, Batangas City	KEPCO (Ilijan) Corp.		NON-NPC/IPP	BOT-ECA/GSPA	6/5/2002
SAN LORENZO	Combined Cycle Gas Turbine (CCGT)	540.0	540.0	2	Sta. Rita, Batangas	First Gas Power Corp		NON-NPC/IPP		9/1/2002
GEOTHERMAL		844.0	776.9							
MAKBAN	Flash/Binary Type Steam recovery	442.8	420.0	10	Calauan, Laguna	AP Renewable Inc.	NO	NON-NPC/IPP		4/26/1979
BACMAN	Flash Type Steam recovery	130.0	130.0	3	Bacon, Sorsogon	Bac-Man Geothermal Inc.	NO	NON-NPC/IPP		9/10/1993
TIWI	Flash Type Steam recovery	234.0	207.9	5	Tiwit, Albay	AP Renewable Inc.	NO	NON-NPC/IPP		1/11/1979
MAKBAN-Binary	-	15.7	0.0	1	Bitin bay, Laguna	AP Renewable Inc.	NO	NON-NPC/IPP		
MANITO-Lowland	-	1.5	0.0	1	Albay	Bac-Man Geothermal Inc.	NO	NON-NPC/IPP		
MAIBARARA	Flash Type Steam recovery	20.0	19.0	1	Sto. Tomas, Batangas	Maibarara Geothermal Inc.	NO	NON-NPC/IPP		2/8/2014

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FACILITY NAME	SUBTYPE	INSTALLED	DEPENDABLE							
HYDRO		2,523.0	2,258.8							
<i>Large Hydroelectric Plants</i>		2,517.0	2,252.8							
SAN ROQUE	Dam-type HEPP	435.0	435.0	3	San Manuel,Pangasinan	San Roque Power Corporation	NO	NON-NPC/IPP	BOT-PPA	5/1/2003
HEDCOR	Run-of-River type HEPP	33.8	15.4	13	Benguet	Hydro Electric Dev't. Corp.	YES	NON-NPC/IPP	BOO-EPISA	1/1/1993
KALAYAAN PSPP	Dam-type HEPP	739.2	720.0	4	Kalayaan, Laguna	CBK Power Company Ltd.	NO	NPC-IPP	BROT-PPA	8/13/1982 5/1/2004
MAGAT	Dam-type HEPP	380.0	380.0	4	Ramon, Isabela	SN Abolitiz Power, Inc.	NO	NON-NPC/IPP		8/14/1983 10/24/1983
CALIRAYA	Dam-type HEPP	35.0	35.0	2	Lumban, Laguna	CBK Power Company Ltd.	NO	NPC-IPP	BROT-PPA	1942 / 1947 / 1950
BOTOCAN	Run-of-River type HEPP	22.8	22.0	3	Kalayaan,Laguna	CBK Power Company Ltd.	NO	NPC-IPP	BROT-PPA	1946-48
ANGAT	Dam-type HEPP	246.0	166.0	9	Norzagaray, Bulacan	Angat Hydro Power Corporation (AHPC)	NO	NON-NPC/IPP		10/16/1967 6/16/1986
PANTABANGAN-MASIWAY	Dam-type HEPP	132.0	132.0	6	Pantabangan, Nueva Ecija	First Gen Hydro Power Corp.	NO	NON-NPC/IPP		4/1/1977 5/1/1977, 2/27/198
AMBUKLAO	Dam-type HEPP	105.0	105.0	3	Bokud, Benguet	SN Abolitiz Power Hydro, Inc.	NO	NON-NPC/IPP		12/23/1956
BINGA	Dam-type HEPP	140.0	138.0	4	Ilogon, Benguet	SN Abolitiz Power Hydro, Inc.	NO	NON-NPC/IPP		1/19/1960
BAKUN	Run-of-River type HEPP	70.0	36.4	2	Alliem, Ilocos Sur	Luzon Hydro Corp.	NO	NON-NPC/IPP	BOT-PPA	2/6/2001 10/10/2000
CASECNAN (NIA)	Dam-type HEPP	165.0	60.0	2	Pantabangan, Nueva Ecija	CE Casecnan Water & Energy Co., Inc.	NO	NPC-IPP	BOT-PPA	4/5/2002
SABANGAN	Run-of-River type HEPP	13.2	8.0		Sabangan, Mt. Province	Hydro Electric Dev't. Corp. (HEDCOR)	NO	NON-NPC/IPP		01 June 2015
<i>Small Hydroelectric Plants</i>		6.0	6.0							
NIA-BALIGATAN	Run-of-River type HEPP	6.0	6.0	1	Ramon, Isabela	NIA	NO	NON-NPC/IPP		1987
WIND		282.9	271.9							
BANGUI WIND POWER Ph1 and Ph2	On-shore Wind Turbine	33.0	33.0		Bangui Bay,Ilocos Norte	North Wind Power Dev. Corp.	NO	NON-NPC/IPP		June 2005
BANGUI WIND POWER Ph3	On-shore Wind Turbine	18.9	18.9		Bangui Bay,Ilocos Norte	North Wind Power Dev. Corp.	YES	NON-NPC/IPP		October 10, 2014
BURGOS WIND	On-shore Wind Turbine	150.0	139.0		Burgos, Ilocos Norte	EDC Burgos Wind Power Corporation (EBWPC)	YES	NON-NPC/IPP		November 11, 2014
CAPARISPAN WIND	On-shore Wind Turbine	81.0	81.0		Caparispisan, Ilocos Norte	North UPC	YES	NON-NPC/IPP		November 11, 2014
BIOMASS		86.1	65.2							
GREEN FUTURE	Bagasse-fired Cogeneration Plant	19.8	12.0	1	San Mariano, Isabela	Green Future Innovation Inc.	YES	NON-NPC/IPP		Mar 2013
SJC IPOWER	Rice Husk-fired Cogeneration Plant	12.0	10.0	1	San Jose City, Nueva Ecija	J Power Corporation	YES	NON-NPC/IPP		10/25/2014
MONTALBAN LFG	Landfill Gas Recovery System	9.3	3.4	10	Rodriguez, Rizal	Montalban Methane Power Corp.	YES	NON-NPC/IPP		June 2009
IBEC	Bagasse-fired Cogeneration Plant	20.0	18.0		San Mariano, Isabela	Isabela Biomass Energy Corporation	NO	NON-NPC/IPP		7/10/2015
BATAAN 2020	Rice Husk-fired Cogeneration Plant	13.0	11.0		Samal, Bataan	Bataan 2020 Inc.	YES	NON-NPC/IPP		9/30/2015
GIFT	Rice Husk-fired Cogeneration Plant	12.0	10.8		Talavera, Nueva Ecija	Green Innovations for Tomorrow Corporation (GITC)	YES	NON-NPC/IPP		3/22/2016
SOLAR		250.8	179.7							
MAJESTIC	Rooftop Installed Solar PVs	41.3	33.0		CEZA, Rosario, Cavite	Majestic Power Corporation	YES	NON-NPC/IPP		March 15, 2015
PETROSOLAR	Ground Mounted Solar PVs	50.1	35.0		Tarlac City, Tarlac	PetroSolar Corporation	YES	NON-NPC/IPP		Feb 10 2016
YH GREEN	Ground Mounted Solar PVs	14.5	10.2		Hermosa, Bataan	YH Green Energy Incorporated	YES	NON-NPC/IPP		Feb 12 2016
CABANATUAN SOLAR	Ground Mounted Solar PVs	10.3	7.2		Cabanatuan City, Nueva Ecija	First Cabanatuan Renewable Ventures, Inc.	YES	NON-NPC/IPP		Mar 11 2016
CALATAGAN SOLAR	Ground Mounted Solar PVs	63.3	44.3		Calatagan and Balayan, Batangas	Solar Philippines Calatagan Corporation	YES	NON-NPC/IPP		Mar 11 2016
CURRIMAO SOLAR	Ground Mounted Solar PVs	20.0	14.0		Currimao, Ilocos Norte	Mirae Asia Energy Corp.	YES	NON-NPC/IPP		29-Feb-2016
VALENZUELA SOLAR	Ground Mounted Solar PVs	9.0	6.3		Brgy. Isla, Valenzuela City	Valenzuela Solar Energy Inc.	YES	NON-NPC/IPP		08-Mar-2016
LIAN SOLAR	Ground Mounted Solar PVs	2.0	1.4		Lian, Batangas	Absolut Distillers Inc.	YES	NON-NPC/IPP		08-Mar-2016
CLARK SOLAR	Ground Mounted Solar PVs	22.3	15.6		Clark Freeport Zone, Pampanga	Enfinity Philippines Renewable Resources Inc.	YES	NON-NPC/IPP		10-Mar-2016
PALAUIG SOLAR	Ground Mounted Solar PVs	5.0	3.5		Morong, Bataan	SPARC Solar Powered Agri-Rural Communities Corp.	YES	NON-NPC/IPP		13-Mar-2016
SAN ILDEFONSO SOLAR	Ground Mounted Solar PVs	13.0	9.1		San Ildefonso, Bulacan	Bulacan Solar Energy Corporation	YES	NON-NPC/IPP		12-Mar-2016

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FACILITY NAME	SUBTYPE	INSTALLED	DEPENDABLE							
EMBEDDED		230.5	168.2							
COAL		36.0	30.0							
UPPC	Circularized Fluidized Bed (CFB) Coal Cogen	30.0	24.0	1	Calumpit, Bulacan	United Pulp & Paper Co., Inc		NON-NPC/IPP		1998
SINOMA	Waste Heat Recovery System using Coal for fuel	6.0	6.0	1	San Jose, Antipolo	SECP WHRCI		NON-NPC/IPP		2-Apr-2015
OIL-BASED										
<i>Diesel</i>		83.8	74.8							
CALIBU DPP		30.0	30.0	5	Angeles City	Angeles Power Inc.		NON-NPC/IPP		12/5/1994
PETERSVILLE DPP	Bunker/Diesel Internal Combustion Engine	9.3	6.0	5	Angeles City	Angeles Electric Corporation		NON-NPC/IPP		8/14/1966
FCVC DPP	Bunker/Diesel Internal Combustion Engine	25.6	24.0	4	Cabanatuan City	First Cabanatuan Venture Corp.		NON-NPC/IPP		1/15/1996
TARLAC POWER	Bunker/Diesel Internal Combustion Engine	18.9	14.8	3	Capas, Tarlac	Tarlac Power Corporation		NON-NPC/IPP		July 1995
HYDROELECTRIC										
<i>Small Hydroelectric Plants</i>		14.5	12.4							
CAWAYAN	Run-of-River type HEPP	0.4	0.4	1	Guinlajan, Sorsogon	SORECO II	NO	NON-NPC/IPP		6/1/2002
BUHI-BARIT	Run-of-River type HEPP	2.0	2.0	1	Buhi, Camarines Sur	People's Energy Inc.	NO	NON-NPC/IPP		9/1/1957
AGUA-GRANDE	Run-of-River type HEPP	4.5	4.5	2	Pagudpod, Ilocos Norte	INEC	NO	NON-NPC/IPP		1983
MAGAT A&B	Run-of-River type HEPP	2.5	0.5	7	Ramon, Isabela	ISELCO I	NO	NON-NPC/IPP		1984, 1985
BALUGBOG	Run-of-River type HEPP	0.7	0.7	3	Nagcarlan, Laguna	Phil. Power Dev.Co.	NO	NON-NPC/IPP		1933
PALAPAQUIN	Run-of-River type HEPP	0.4	0.4	1	Sn Pablo, Laguna	Phil. Power Dev.Co.	NO	NON-NPC/IPP		1933
CALIBATO	Run-of-River type HEPP	0.05	0.05	1	Sn Pablo, Laguna	Phil. Power Dev.Co.	NO	NON-NPC/IPP		
INARIHAN	Run-of-River type HEPP	1.0	1.0	3	Panicuason, Naga City	Bicol Hydropower Corp.	NO	NON-NPC/IPP		1998
YABO	Run-of-River type HEPP	0.2	0.2	1	Pili, Camarines Sur	PROSAMAPI Coop.	NO	NON-NPC/IPP		
Communal-Uddiawan	Run-of-River type HEPP	1.8	1.8	2	Solano, Nueva Viscaya	Smith-Bell Mini-Hydro Corporation	YES	NON-NPC/IPP		2010
<i>Bulanao HEPP</i>	<i>Run-of-River type HEPP</i>	<i>1.0</i>	<i>1.0</i>	<i>1</i>	<i>Tabuk, Kalinga</i>	<i>DPJ Engineers and Consultants</i>		<i>NON-NPC/IPP</i>		<i>Mar 2016</i>
BIOMASS		9.4	5.6							
LAGUNA LFG	Landfill Gas Recovery System	4.2	0.9	4	San Pedro, Laguna	Bacavalley Energy Inc.		NON-NPC/IPP		March 2011
LUCKY PPH	Bagasse-fired Cogeneration Plant	4.0	3.6	8	Alicia, Isabela	Lucky PPH International Inc	YES	NON-NPC/IPP		2008
PANGEA	Landfill Gas Recovery System	1.2	1.1	3	Payatas, Quezon City, M. Manila	Pangea Green Energy Phil., Inc.	YES	NON-NPC/IPP		4 Mar 2013
SOLAR		32.8	24.0							
PAMPANGA SOLAR PH1	Ground Mounted Solar PVs	10.0	8.0		Brgy. Suclaban, Mexico, Pampanga	Raslac Corporation	YES	NON-NPC/IPP		February 5, 2015
BURGOS SOLAR 1	Ground Mounted Solar PVs	4.1	2.9		Burgos, Ilocos Norte	EDC Burgos Wind Power Corporation (EBWPC)	YES	NON-NPC/IPP		March 5, 2015
SPCRPI SM NORTH	Rooftop Installed Solar PVs	1.5	1.1		Quezon City, Metro Manila	Solar Philippines	YES	NON-NPC/IPP		April 7, 2015
PAMPANGA SOLAR PH2	Ground Mounted Solar PVs	13.1	9.2		Brgy. Suclaban, Mexico, Pampanga	Raslac Corporation	NO	NON-NPC/IPP		December 2015
<i>BURGOS SOLAR 2</i>	<i>Ground Mounted Solar PVs</i>	<i>4.1</i>	<i>2.9</i>		<i>Burgos, Ilocos Norte</i>	<i>EDC Burgos Wind Power Corporation (EBWPC)</i>	<i>YES</i>	<i>NON-NPC/IPP</i>		<i>Jan 19 2016</i>
WIND		54.0	21.4							
PILILIA WIND	Mountain Range-Installed Wind Turbine	54.0	21.4		Pililia, Rizal	Alternergy Philippine Holdings Corporation	YES	NON-NPC/IPP		6/1/2015
TOTAL LUZON		14,348.1	13,108.6							

Note:

Excluding off-grid generators

Release date, 30 June 2016

FIT Approved Plants based on RE Proects under FIT System, March 2016

in GREEN - New Entry

in BLACK - NON-NPC/IPP

in RED - NPC

in BLUE - NPC-IPP