



LUZON GRID

POWER PLANT		CAPACITY, MW		NUMBER OF UNITS	LOCATION	REGION	OPERATOR	IPPA	FIT APPROVED (for RE)	OWNER TYPE	TYPE OF CONTRACT	DATE COMMISSIONED/ COMMERCIAL OPERATION
FACILITY NAME	SUBTYPE	INSTALLED	DEPENDABLE		MUNICIPALITY/ PROVINCE							
GRID-CONNECTED		16,136.9	14,690.3									
COAL		6,788.7	6,419.9									
ANDA	Circulating Fluidized Bed (CFB) Coal	83.7	72.0	1	Mabalacat, Pampanga	3	Anda Power Corporation	Anda Power Corporation		NON-NPC/IPP		Sep-2016
APEC	Pulvurized Sub Critical Coal	52.0	46.0	1	Mabalacat, Pampanga	3	Asia Pacific Energy Corporation	Asia Pacific Energy Corp.		NON-NPC/IPP		Jul-2006
CALACA U1	Pulvurized Sub Critical Coal	300.0	230.0	1	Calaca, Batangas	4-A	SEM-Calaca Power Corporation (SCPC)	SEM-Calaca Power Corporation (SCPC)		NON-NPC/IPP		Sep-1984
CALACA U2	Pulvurized Sub Critical Coal	300.0	300.0	1	Calaca, Batangas	4-A	GN Power Mariveles Coal Plant Ltd.Co	GN Power Mariveles Coal Plant Ltd.Co		NON-NPC/IPP		May-2013
MARIVELES U1	Pulvurized Sub Critical Coal	345.0	316.0	1	Mariveles, Bataan	3	Masinloc Power Partners Co. Ltd. (MPPCL)	Masinloc Power Partners Co. Ltd. (MPPCL)		NON-NPC/IPP		Jun-1998
MARIVELES U2	Pulvurized Sub Critical Coal	345.0	316.0	1	Mariveles, Bataan	3	Masinloc Power Partners Co. Ltd. (MPPCL)	Masinloc Power Partners Co. Ltd. (MPPCL)		NON-NPC/IPP		Jun-1998
MASINLOC U1	Pulvurized Sub Critical Coal	330.0	315.0	1	Masinloc, Zambales	3	Masinloc Power Partners Co. Ltd. (MPPCL)	Masinloc Power Partners Co. Ltd. (MPPCL)		NON-NPC/IPP		Jun-1998
MASINLOC U2	Pulvurized Sub Critical Coal	344.0	344.0	1	Masinloc, Zambales	3	Masinloc Power Partners Co. Ltd. (MPPCL)	Masinloc Power Partners Co. Ltd. (MPPCL)		NON-NPC/IPP		Jun-1998
PAGBILAO U1	Pulvurized Sub Critical Coal	382.0	382.0	1	Pagbilao, Quezon	4-A	TeaM Pagbilao Corporation	Therma Luzon Inc. (TLI)		NON-NPC/IPP	BOT-ECA	Mar-1996
PAGBILAO U2	Pulvurized Sub Critical Coal	382.0	382.0	1	Pagbilao, Quezon	4-A	TeaM Pagbilao Corporation	Therma Luzon Inc. (TLI)		NON-NPC/IPP	BOT-ECA	Mar-1996
PAGBILAO U3	Pulvurized Sub Critical Coal	420.0	420.0	1	Pagbilao, Quezon	4-A	Pagbilao Energy Corporation (PEC)	Therma Luzon Inc. (TLI) TeaM Energy (Philippines) Corporation		NON-NPC/IPP		Mar-2018
QUEZON POWER	Pulvurized Sub Critical Coal	511.0	460.0	1	Mauban, Quezon	4-A	Quezon Power (Philippines) Ltd. Co.	Quezon Power (Philippines) Ltd. Co.		NON-NPC/IPP		May-2000
SBPL	Super Critical Coal	500.0	455.0	1	Mauban, Quezon	4-A	San Buenaventura Power Ltd. (SBPL)	Pearl Energy Philippines Operating Inc. (PEPOI)		NON-NPC/IPP		Oct-2019
SCPC U1 (SMC LIMAY U1)	Circulating Fluidized Bed (CFB) Coal	150.0	135.0	1	Limay, Bataan	3	SMC Consolidated Power Corporation (SCPC)	SMC Consolidated Power Corporation (SCPC)		NON-NPC/IPP		May-2017
SCPC U2 (SMC LIMAY U2)	Circulating Fluidized Bed (CFB) Coal	150.0	135.0	1	Limay, Bataan	3	SMC Consolidated Power Corporation (SCPC)	SMC Consolidated Power Corporation (SCPC)		NON-NPC/IPP		Sep-2017
SCPC U3 (SMC LIMAY U3)	Circulating Fluidized Bed (CFB) Coal	150.0	135.0	1	Limay, Bataan	3	SMC Consolidated Power Corporation (SCPC)	SMC Consolidated Power Corporation (SCPC)		NON-NPC/IPP		Mar-2018
SCPC U4 (SMC LIMAY U4)	Circulating Fluidized Bed (CFB) Coal	150.0	135.0	1	Limay, Bataan	3	SMC Consolidated Power Corporation (SCPC)	SMC Consolidated Power Corporation (SCPC)		NON-NPC/IPP		Jul-2019
SLPGC U1	Circulating Fluidized Bed (CFB) Coal	150.0	140.0	1	Calaca, Batangas	4-A	Southwest Luzon Power Generation Corporation (SLPGC)	Southwest Luzon Power Generation Corporation (SLPGC)		NON-NPC/IPP		Jul-2016
SLPGC U2	Circulating Fluidized Bed (CFB) Coal	150.0	140.0	1	Calaca, Batangas	4-A	Southwest Luzon Power Generation Corporation (SLPGC)	Southwest Luzon Power Generation Corporation (SLPGC)		NON-NPC/IPP		Jul-2016
SLTEC PUTING BATO U1	Circulating Fluidized Bed (CFB) Coal	135.0	121.0	1	Calaca, Batangas	4-A	South Luzon Thermal Energy Corporation (SLTEC)	South Luzon Thermal Energy Corporation (SLTEC)		NON-NPC/IPP		Apr-2015
SLTEC PUTING BATO U2	Circulating Fluidized Bed (CFB) Coal	135.0	122.9	1	Calaca, Batangas	4-A	South Luzon Thermal Energy Corporation (SLTEC)	South Luzon Thermal Energy Corporation (SLTEC)		NON-NPC/IPP		Feb-2016
SUAL U1	Pulvurized Sub Critical Coal	647.0	647.0	1	Sual, Pangasinan	1	TeaM Sual Corporation	San Miguel Energy Corp. (SMEC)		NON-NPC/IPP	BOT-ECA	Oct-1999
SUAL U2	Pulvurized Sub Critical Coal	647.0	647.0	1	Sual, Pangasinan	1	TeaM Sual Corporation	San Miguel Energy Corp. (SMEC)		NON-NPC/IPP	BOT-ECA	Oct-1999
UPPC	Circularized Fluidized Bed (CFB) Coal Co-generation	30.0	24.0	1	Calumpit, Bulacan	3	United Pulp & Paper Co., Inc. (UPPC)	United Pulp & Paper Co., Inc. (UPPC)		NON-NPC/IPP		1998



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FACILITY NAME	SUBTYPE	INSTALLED	DEPENDABLE		MUNICIPALITY/ PROVINCE							
OIL-BASED		1,793.7	1,124.4									
<i>Diesel</i>		<i>495.7</i>	<i>434.4</i>									
BAUANG DPP	Bunker/Diesel Internal Combustion Engine	227.5	190.0	21	Bauang, La Union	1	1590 Energy Corporation	1590 Energy Corporation		NON-NPC/IPP		Aug-1994
CIP II	Bunker/Diesel Internal Combustion Engine	21.0	20.4	1	Bacnotan, La Union	1	CIP II Power Corporation	CIP II Power Corporation		NON-NPC/IPP		Jan-2013
RCBMI	Bunker/Diesel Internal Combustion Engine	12.4	12.0	2	Taysan, Batangas	4-A	Republic Cement and Building Materials Inc. (RCBMI)	Republic Cement and Building Materials Inc. (RCBMI)		NON-NPC/IPP		Jul-2014
SLPGC U3	Modular Gas Turbine	25.0	23.0	1	Calaca, Batangas	4-A	Southwest Luzon Power Generation Corporation (SLPGC)	Southwest Luzon Power Generation Corporation (SLPGC)		NON-NPC/IPP		Mar-2018
SLPGC U4	Modular Gas Turbine	25.0	23.0	1	Calaca, Batangas	4-A	Southwest Luzon Power Generation Corporation (SLPGC)	Southwest Luzon Power Generation Corporation (SLPGC)		NON-NPC/IPP		Mar-2018
SUBIC DPP	Bunker/Diesel Internal Combustion Engine	130.3	116.0	8	Olongapo, Zambales	3	One Subic Power Generation Corporation	One Subic Power Generation Corporation		NON-NPC/IPP		Feb-1994
TRANS ASIA POWER	Bunker/Diesel Internal Combustion Engine	54.5	50.0	1	Norzagaray, Bulacan	3	Phinma Power Generation Corporation	Phinma Power Generation Corporation		NON-NPC/IPP		Jan-1997
Oil Thermal		650.0	150.0									
MALAYA	Bunker-fired Thermal Plant	650.0	150.0	2	Pililla, Rizal	4-A	SOOSAN ENS Co., Ltd Philippines	Power Sector Assets and Liabilities Management Corporation (PSALM)		NPC-IPP	ROM-ECA	Unit 1: Aug-1975 Unit 2: Apr-1979
Gas Turbine		648.0	540.0									
LIMAY CCGT	Combined Cycle Gas Turbine (CCGT)	648.0	540.0	8	Limay, Bataan	3	Panasia Energy Holding Inc. (PEHI)	Panasia Energy Holding Inc. (PEHI)		NON-NPC/IPP		Block A - May-1993 Block B - Dec-1994
NATURAL GAS		3,451.5	3,286.1									
AVION	Open Cycle Gas Turbine (OCGT)	100.6	97.0	2	Bolbok, Batangas City	4-A	Prime Meridian Powergen Corporation (PMPC)	Prime Meridian Powergen Corporation (PMPC)		NON-NPC/IPP		Aug-2016
ILIJAN	Combined Cycle Gas Turbine (CCGT)	1,277.0	1,200.0	6	Ilijan, Batangas City	4-A	KEPCO Ilijan Corporation (KEILCO)	South Premiere Power Corporation		NON-NPC/IPP	DT-ECA/GSF	Jun-2002
SAN GABRIEL	Combined Cycle Gas Turbine (CCGT)	430.0	420.0	1	Sta. Rita, Batangas City	4-A	First NatGas Power Corp (FNPC)	First NatGas Power Corp (FNPC)		NON-NPC/IPP		Jul-2016
SAN LORENZO	Combined Cycle Gas Turbine (CCGT)	549.1	526.6	2	Sta. Rita, Batangas City	4-A	FGP Corporation	FGP Corporation		NON-NPC/IPP		Sep-2002
SANTA RITA	Combined Cycle Gas Turbine (CCGT)	1,094.8	1,042.5	4	Sta. Rita, Batangas City	4-A	First Gas Power Corporation (FGPC)	First Gas Power Corporation (FGPC)		NON-NPC/IPP		Unit 1&2 - Jun-2000 Unit 3&4 - Oct-2001
GEOHERMAL		832.5	791.7									
BACMAN	Single Flash	140.0	133.0	3	Manito, Albay	5	Bac-Man Geothermal Inc. (BGI)	Bac-Man Geothermal Inc. (BGI)	NO	NON-NPC/IPP		Sep-1993
MAKBAN	Single Flash	442.8	429.4	10	Calauan, Laguna	4-A	AP Renewable Inc. (APRI)	AP Renewable Inc. (APRI)	NO	NON-NPC/IPP		Apr-1979
MAKBAN-BINARY	Binary	15.7	6.0	5	Bitin bay, Laguna	4-A	AP Renewable Inc. (APRI)	AP Renewable Inc. (APRI)	NO	NON-NPC/IPP		Apr-1979
TIWI	Single Flash	234.0	223.3	4	Tiwi, Albay	5	AP Renewable Inc. (APRI)	AP Renewable Inc. (APRI)	NO	NON-NPC/IPP		Jan-1979
HYDROELECTRIC		2,521.9	2,434.0									
Large Hydroelectric Plants		2,437.3	2,366.6									
AMBUKLAO	Dam-type HEPP	105.0	105.0	3	Bokud, Benguet	CAR	SN Aboitiz Power (SNAP)-Benguet, Inc.	SN Aboitiz Power (SNAP)-Benguet, Inc.	NO	NON-NPC/IPP		Dec-1956
ANGAT MAIN	Dam-type HEPP	200.0	200.0	4	Norzagaray, Bulacan	3	Angat Hydro Power Corporation (AHPC)	Angat Hydro Power Corporation (AHPC)	NO	NON-NPC/IPP		Oct-1967
ANGAT AUX	Dam-type HEPP	18.0	18.0	3	Norzagaray, Bulacan	3	Angat Hydro Power Corporation (AHPC)	Angat Hydro Power Corporation (AHPC)	NO	NON-NPC/IPP		Jun-1986
BAKUN AC	Run-of-River type HEPP	75.4	73.6	2	Alilem, Ilocos Sur	1	Luzon Hydro Corporation	Luzon Hydro Corporation	NO	NON-NPC/IPP	BOT-PPA	Unit 1 - Nov-2000 Unit 2 - Feb-2001



DEPARTMENT OF ENERGY

LIST OF EXISTING POWER PLANTS (GRID-CONNECTED) AS OF JUNE 2020

LUZON GRID

POWER PLANT		CAPACITY, MW		NUMBER OF UNITS	LOCATION	REGION	OPERATOR	IPPA	FIT APPROVED (for RE)	OWNER TYPE	TYPE OF CONTRACT	DATE COMMISSIONED/ COMMERCIAL OPERATION
FACILITY NAME	SUBTYPE	INSTALLED	DEPENDABLE		MUNICIPALITY/ PROVINCE							
BINGA	Dam-type HEPP	140.0	138.0	4	Itogon, Benguet	CAR	SN Aboitiz Power (SNAP) - Benguet, Inc.	SN Aboitiz Power (SNAP) - Benguet, Inc.	NO	NON-NPC/IPP		Jan-1960
CALIRAYA	Dam-type HEPP	39.1	35.0	2	Lumban, Laguna	4-A	Caliraya-Botocan-Kalayaan Power Company Ltd.	Power Sector Assets and Liabilities Management Corporation (PSALM)	NO	NPC-IPP	BROT-PPA	Oct-2002
CASECNAN (NIA)	Run-of-River type HEPP	168.0	150.0	2	Pantabangan, Nueva Ecija	3	CE Casecnan Water & Energy Co., Inc.	Power Sector Assets and Liabilities Management Corporation (PSALM)	NO	NPC-IPP	BOT-PPA	Apr-2002
KALAYAAN PSPP	Dam-type HEPP	736.0	720.0	4	Kalayaan, Laguna	4-A	Caliraya-Botocan-Kalayaan Power Company Ltd.	Power Sector Assets and Liabilities Management Corporation (PSALM)	NO	NPC-IPP	BROT-PPA	U1&2 - Aug-1982 U3&4 - May-2004
MAGAT	Dam-type HEPP	388.0	360.0	4	Ramon, Isabela	2	SN Aboitiz Power (SNAP) - Magat, Inc.	SN Aboitiz Power (SNAP) - Magat, Inc.	NO	NON-NPC/IPP		U1&2 - Aug-1983 U3&4 - Oct-1983
PANTABANGAN	Dam-type HEPP	120.8	120.0	2	Pantabangan, Nueva Ecija	3	First Gen Hydro Power Corporation (FG Hydro)	First Gen Hydro Power Corporation (FG Hydro)	NO	NON-NPC/IPP		U1 - Dec 2009 U2 - Dec 2010
MASIWAY	Run-of-River type HEPP	12.0	12.0	1	Pantabangan, Nueva Ecija		First Gen Hydro Power Corporation (FG Hydro)	First Gen Hydro Power Corporation (FG Hydro)	NO	NON-NPC/IPP		Jan-1981
SAN ROQUE	Dam-type HEPP	435.0	435.0	3	San Manuel, Pangasinan	1	San Roque Power Corporation (SRPC)	Strategic Power Development Corporation (SPDC)	NO	NON-NPC/IPP	BOT-PPA	May-2003
Small Hydroelectric Plants		64.5	51.0									
AMPOHAW	Run-of-River type HEPP	8.0	7.5	3	Sablan, Benguet	CAR	Hydro Electric Development Corporation (HEDCOR), Inc.	Hydro Electric Development Corporation (HEDCOR), Inc.	NO	NON-NPC/IPP		Aug-1991
FLS	Run-of-River type HEPP	6.4	6.0	4	Bakun, Benguet	CAR	Hydro Electric Development Corporation (HEDCOR), Inc.	Hydro Electric Development Corporation (HEDCOR), Inc.	NO	NON-NPC/IPP		Aug-1992
LA TRINIDAD	Run-of-River type HEPP	20.4	8.5	2	La Trinidad, Benguet	CAR	Hydro Electric Development Corporation (HEDCOR), Inc.	Hydro Electric Development Corporation (HEDCOR), Inc.		NON-NPC/IPP		Jul-2019
MARIS MAIN CANAL 1	Run-of-River type HEPP	8.5	8.0	2	Ramon, Isabela	2	SN Aboitiz Power (SNAP) - Magat, Inc.	SN Aboitiz Power (SNAP) - Magat, Inc.	YES	NON-NPC/IPP		Nov-2017
NIA-BALIGATAN	Run-of-River type HEPP	6.2	6.0	1	Ramon, Isabela	2	National Irrigation Administration (NIA)	National Irrigation Administration (NIA)	NO	NON-NPC/IPP		Mar-1987
SABANGAN	Run-of-River type HEPP	15.0	15.0	1	Sabangan, Mt. Province	CAR	Hydro Electric Development Corporation (HEDCOR), Inc.	Hydro Electric Development Corporation (HEDCOR), Inc.	NO	NON-NPC/IPP		Jun-2015
Mini Hydroelectric Plants		20.1	16.4									
BINENG 3	Run-of-River type HEPP	4.5	3.6	1	La Trinidad, Benguet	CAR	Hydro Electric Development Corporation (HEDCOR), Inc.	Hydro Electric Development Corporation (HEDCOR), Inc.	NO	NON-NPC/IPP		Sep-1992
IRISAN 1	Run-of-River type HEPP	3.8	3.3	1	Tuba, Benguet	CAR	Hydro Electric Development Corporation (HEDCOR), Inc.	Hydro Electric Development Corporation (HEDCOR), Inc.	YES	NON-NPC/IPP		Nov-2011
IRISAN 3	Run-of-River type HEPP	1.2	1.1	3	Tuba, Benguet	CAR	Hydro Electric Development Corporation (HEDCOR), Inc.	Hydro Electric Development Corporation (HEDCOR), Inc.	NO	NON-NPC/IPP		Jun-1991
LON-OY	Run-of-River type HEPP	3.6	3.3	4	Bakun, Benguet	CAR	Hydro Electric Development Corporation (HEDCOR), Inc.	Hydro Electric Development Corporation (HEDCOR), Inc.	NO	NON-NPC/IPP		Jul-1993
LOWER LABAY	Run-of-River type HEPP	2.4	2.3	4	Bakun, Benguet	CAR	Hydro Electric Development Corporation (HEDCOR), Inc.	Hydro Electric Development Corporation (HEDCOR), Inc.	NO	NON-NPC/IPP		Jun-1992
MAJAYJAY	Run-of-River type HEPP	2.2	1.0	2	Majayjay, Laguna	4-A	Majayjay Hydropower Company, Inc.	Majayjay Hydropower Company, Inc.	YES	NON-NPC/IPP		May-2019
SAL-ANGAN	Run-of-River type HEPP	2.4	1.8	4	Itogon, Benguet	CAR	Hydro Electric Development Corporation (HEDCOR), Inc.	Hydro Electric Development Corporation (HEDCOR), Inc.	NO	NON-NPC/IPP		Oct-1991



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FACILITY NAME	SUBTYPE	INSTALLED	DEPENDABLE		MUNICIPALITY/ PROVINCE							
WIND		282.9	282.9									
BANGUI WIND POWER Ph1 and Ph2	On-shore Wind Turbine	33.0	33.0		Bangui Bay, Ilocos Norte	1	North Wind Power Development Corporation (NWPDC)	North Wind Power Development Corporation (NWPDC)	NO	NON-NPC/IPP		Jun-2005
BANGUI WIND POWER Ph3	On-shore Wind Turbine	18.9	18.9		Bangui Bay, Ilocos Norte	1	North Wind Power Development Corporation (NWPDC)	North Wind Power Development Corporation (NWPDC)	YES	NON-NPC/IPP		Oct-2014
BURGOS WIND	On-shore Wind Turbine	150.0	150.0		Burgos, Ilocos Norte	1	EDC Burgos Wind Power Corporation (EBWPC)	EDC Burgos Wind Power Corporation (EBWPC)	YES	NON-NPC/IPP		Nov-2014
CAPARISPISAN WIND	On-shore Wind Turbine	81.0	81.0		Caparispisan, Ilocos Norte	1	North Luzon Renewable Energy Corporation (NLREC)	North Luzon Renewable Energy Corporation (NLREC)	YES	NON-NPC/IPP		Nov-2014
BIOMASS		153.9	101.8									
ACNC	Biogas	2.0	1.7	1	Tarlac City, Tarlac		Asian Carbon Neutral Power Corporation (ACNPC)	Asian Carbon Neutral Power Corporation (ACNPC)	YES	NON-NPC/IPP		Jul-2017
BATAAN 2020	Rice Husk-fired Cogeneration Plant	13.0	11.0	1	Samal, Bataan	3	Bataan 2020 Inc.	Bataan 2020 Inc.	YES	NON-NPC/IPP		Jul-2015
BBEC	Rice Husk-fired Cogeneration Plant	5.0	4.4	1	Pili, Camarines Sur	5	Bicol Biomass Energy Corporation (BBEC)	Bicol Biomass Energy Corporation (BBEC)	YES	NON-NPC/IPP		Oct-2016
CBEC	Rice Husk-fired Power Plant	15.0	13.5	1	Burgos, Isabela	2	Cagayan Biomass Energy Corporation (CBEC)	Cagayan Biomass Energy Corporation (CBEC)	YES	NON-NPC/IPP		Oct-2019
CADPI	Bagasse-fired Cogeneration Plant	31.9	2.0	3	Nagsugbu, Batangas	4-A	Central Azucarera Don Pedro, Inc. (CADPI)	Central Azucarera Don Pedro, Inc. (CADPI)	YES	NON-NPC/IPP		Feb-2018
G2REC	Napier Grass-fired Biomass Power Plant	12.0	10.8	1	Llanera, Nueva Ecija	3	Grass Gold Renewable Energy Corporation (G2REC)	Grass Gold Renewable Energy Corporation (G2REC)	YES	NON-NPC/IPP		Dec-2019
GIFT	Bagasse-fired Cogeneration Plant	12.0	10.8	1	Talavera, Nueva Ecija	3	Green Innovations for Tomorrow Corporation (GIFTC)	Green Innovations for Tomorrow Corporation (GIFTC)	YES	NON-NPC/IPP		Feb-2016
GREEN FUTURE	Bagasse-fired Cogeneration Plant	19.0	8.0	4	San Mariano, Isabela	2	Green Future Innovation Inc. (GFII)	Green Future Innovation Inc. (GFII)	YES	NON-NPC/IPP		Nov-2012
IBEC	Rice Husk-fired Cogeneration Plant	20.0	18.0	1	Alicia, Isabela	2	Isabela Biomass Energy Corporation (IBEC)	Isabela Biomass Energy Corporation (IBEC)	YES	NON-NPC/IPP		Oct-2015
SJC IPOWER Phase I	Rice Husk-fired Cogeneration Plant	12.0	10.8	1	San Jose City, Nueva Ecija	3	San Jose City I Power Corporation	San Jose City I Power Corporation	YES	NON-NPC/IPP		Nov-2014
SJC IPOWER Phase II	Rice Husk-fired Cogeneration Plant	12.0	10.8	1	San Jose City, Nueva Ecija	3	San Jose City I Power Corporation	San Jose City I Power Corporation	YES	NON-NPC/IPP		Sep-2017
SOLAR		311.8	249.5									
CALATAGAN SOLAR	Ground Mounted Solar PVs	63.0	50.4		Calatagan and Balayan, Batangas	4-A	Solar Philippines Calatagan Corporation	Solar Philippines Calatagan Corporation	YES	NON-NPC/IPP		Mar-2016
CLARK SOLAR	Ground Mounted Solar PVs	22.3	17.8		Prince Balagtas Extension, Clark Special Economic Zone, Mabalacat, Pampanga	3	Enfinity Philippines Renewable Resources Inc.	Enfinity Philippines Renewable Resources Inc.	YES	NON-NPC/IPP		Mar-2016
CONCEPCION 1 SOLAR	Ground Mounted Solar PVs	20.7	16.6		Concepcion, Tarlac		Solar Philippines Tarlac Corporation	Solar Philippines Tarlac Corporation	NO	NON-NPC/IPP		Sep-2019
CONCEPCION 2 SOLAR	Ground Mounted Solar PVs	70.9	56.7		Concepcion, Tarlac		Solar Philippines Tarlac Corporation	Solar Philippines Tarlac Corporation	NO	NON-NPC/IPP		Feb-2020
CURRIMAO SOLAR	Ground Mounted Solar PVs	20.0	16.0		Currimao, Ilocos Norte	1	Mirae Asia Energy Corporation	Mirae Asia Energy Corporation	YES	NON-NPC/IPP		Feb-2016
MARIVELES SOLAR	Ground Mounted Solar PVs	18.0	14.4		Freeport Area of Bataan (FAB), Mariveles, Bataan	3	Next Generation Power Technology Corporation	Next Generation Power Technology Corporation	NO	NON-NPC/IPP		Feb-2017
PETROSOLAR	Ground Mounted Solar PVs	50.1	40.1		Tarlac City, Tarlac	3	PetroSolar Corporation	PetroSolar Corporation	YES	NON-NPC/IPP		Feb-2016
STA. RITA SOLAR	Ground Mounted Solar PVs	32.3	25.9		Mt. Sta. Rita, Subic Bay Freeport Zone	3	Jobin-Sqm Inc. (JOBIN)	Jobin-Sqm Inc. (JOBIN)	NO	NON-NPC/IPP		Nov-2017
YH GREEN	Ground Mounted Solar PVs	14.5	11.6		Hermosa, Bataan	3	YH Green Energy Incorporated	YH Green Energy Incorporated	YES	NON-NPC/IPP		Feb-2016



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FACILITY NAME	SUBTYPE	INSTALLED	DEPENDABLE		MUNICIPALITY/ PROVINCE							
EMBEDDED		824.6	644.5									
COAL		140.0	100.0									
PETRON RSFFB	Pulvurized Sub Critical Coal	140.0	100.0	4	Limay, Bataan	3	Petron Corporation	Petron Corporation		NON-NPC/IPP		Phase1 - May-2013 Phase2 - May-2014
OIL-BASED		405.8	306.5									
<i>Diesel</i>		305.8	233.5									
CALIBU DPP	Bunker/Diesel Internal Combustion Engine	30.6	27.5	5	Angeles City	3	Angeles Power Inc. (API)	Angeles Power Inc. (API)		NON-NPC/IPP		Dec-1994
FCVC DPP	Bunker/Diesel Internal Combustion Engine	25.6	24.0	4	Cabanatuan City	3	First Cabanatuan Venture Corporation (FCVC)	First Cabanatuan Venture Corporation (FCVC)		NON-NPC/IPP		Jan-1996
TARLAC POWER	Bunker/Diesel Internal Combustion Engine	18.6	17.0	3	Capas, Tarlac	3	Tarlac Power Corporation	Tarlac Power Corporation		NON-NPC/IPP		Jul-1995
TMO	Bunker/Diesel Internal Combustion Engine Power Barge	231.0	165.0	4	Navotas, Metro Manila	NCR	Therma Mobile Inc. (TMO)	Therma Mobile Inc. (TMO)		NON-NPC/IPP		Nov-2013
<i>Gas Turbine</i>		100.0	73.0									
MILLENNIUM GTPP	Open Cycle Gas Turbine (OCGT)	100.0	73.0	1	Navotas, Metro Manila	NCR	Millenium Energy Inc. (MEI)	Millenium Energy Inc. (MEI)		NON-NPC/IPP		1990 / 1993
GEOHERMAL		32.0	32.0									
MAIBARARA 1	Single Flash	20.0	20.0	1	Sto. Tomas, Batangas	4-A	Maibarara Geothermal Inc. (MGI)	Maibarara Geothermal Inc. (MGI)	NO	NON-NPC/IPP		Feb-2014
MAIBARARA 2	Single Flash	12.0	12.0	1	Sto. Tomas, Batangas	4-A	Maibarara Geothermal Inc. (MGI)	Maibarara Geothermal Inc. (MGI)	NO	NON-NPC/IPP		May-2018
HYDROELECTRIC		41.7	35.5									
<i>Small Hydroelectric Plants</i>		22.8	22.0									
BOTOCAN	Run-of-River type HEPP	22.8	22.0	3	Kalayaan,Laguna	4-A	Caliraya-Botocan-Kalayaan Power Company Ltd.	Power Sector Assets and Liabilities Management Corporation (PSALM)	NO	NPC-IPP	BROT-PPA	Unit 1 - 1930 Unit 2&3 - 1947
<i>Mini Hydroelectric Plants</i>		15.2	11.4									
AGUA-GRANDE	Run-of-River type HEPP	4.5	4.5	2	Pagudpod,Ilocos Norte	1	Ilocos Norte Electric Cooperative, Inc. (INEC)	Ilocos Norte Electric Cooperative, Inc. (INEC)	NO	NON-NPC/IPP		1983
BALUGBOG	Run-of-River type HEPP	1.1	0.5	3	Nagcarlan,Laguna	4-A	Philippine Power and Development Company (PHILPODECO)	Philippine Power and Development Company (PHILPODECO)	NO	NON-NPC/IPP		Jul-2018
BARIT 1	Run-of-River type HEPP	1.8	1.8	1	Buhi, Camarines Sur	5	People's Energy Services, Inc. (PESI)	People's Energy Services, Inc. (PESI)	NO	NON-NPC/IPP		Sep-1957
BULANAO	Run-of-River type HEPP	1.0	1.0	2	Tabuk, Kalinga	CAR	DPJ Engineers and Consultants	DPJ Engineers and Consultants	NO	NON-NPC/IPP		Mar-2016
COMMUNAL-UDDIAWAN	Run-of-River type HEPP	1.8	1.8	2	Solano, Nueva Viscaya	2	Smith-Bell Mini-Hydro Corporation (SBMHC)	Smith-Bell Mini-Hydro Corporation (SBMHC)	YES	NON-NPC/IPP		Dec-2010
MAGAT A&B	Run-of-River type HEPP	2.5	0.6	7	Ramon, Isabela	2	Isabela I Electric Cooperative, Inc. (ISELCO 1)	Isabela I Electric Cooperative, Inc. (ISELCO 1)	NO	NON-NPC/IPP		1984 / 1985
PALAKPAKIN	Run-of-River type HEPP	1.5	0.3	1	San Pablo,Laguna	4-A	Philippine Power and Development Company (PHILPODECO)	Philippine Power and Development Company (PHILPODECO)	NO	NON-NPC/IPP		Oct-2018
PRISMC	Run-of-River type HEPP	1.0	1.0	2	Rizal, Nueva Ecija	3	PNOC - Renewables Corporation	PNOC - Renewables Corporation	NO	NON-NPC/IPP		Jul-2016



LUZON GRID

POWER PLANT		CAPACITY, MW		NUMBER OF UNITS	LOCATION	REGION	OPERATOR	IPPA	FIT APPROVED (for RE)	OWNER TYPE	TYPE OF CONTRACT	DATE COMMISSIONED/ COMMERCIAL OPERATION
FACILITY NAME	SUBTYPE	INSTALLED	DEPENDABLE		MUNICIPALITY/ PROVINCE							
Micro Hydroelectric Plants		3.7	2.1									
AMBANGAL	Run-of-River type HEPP	0.2	0.0	1	Kiangan, Ifugao	CAR	Provincial Government of Ifugao	Provincial Government of Ifugao	NO	NON-NPC/IPP		Jan-2010
CALIBATO	Run-of-River type HEPP	0.30	0.06	1	San Pablo,Laguna	4-A	Philippine Power and Development Company (PHILPODECO)	Philippine Power and Development Company (PHILPODECO)	NO	NON-NPC/IPP		Dec-2019 (recommissioned)
UPPER CAWAYAN (CAWAYAN 1)	Run-of-River type HEPP	0.6	0.4	2	Guinlajon, Sorsogon City	5	Sunwest Water and Electric Company, Inc. - Sorsogon Electric Cooperative II (SUWECO-SORECO II)	Sunwest Water and Electric Company, Inc. - Sorsogon Electric Cooperative II (SUWECO-SORECO II)	NO	NON-NPC/IPP		Jun-2002
INARIHAN	Run-of-River type HEPP	1.0	1.0	3	Panicuason, Naga City	5	Bicol Hydropower Corp.	Bicol Hydropower Corp.	NO	NON-NPC/IPP		1998
LIKUD	Run-of-River type HEPP	0.8	0.0	2	Asipulo, Ifugao	CAR	Provincial Government of Ifugao		NO			Jul-2015
SAN LUIS	Run-of-River type HEPP	0.8	0.6	2	San Luis, Aurora	3	EPower Technologies Corp.	EPower Technologies Corp.	NO	NON-NPC/IPP		Jan-2017
BIOMASS		9.7	3.4									
MONTALBAN LFG	Landfill Gas Recovery System	8.2	2.2	9	Rodriguez, Rizal	4-A	Montalban Methane Power Corp.	Montalban Methane Power Corp.	YES	NON-NPC/IPP		Jun-2009
PANGEA	Landfill Gas Recovery System	1.5	1.2	5	Payatas, Quezon City	NCR	Pangea Green Energy Phil., Inc.	Pangea Green Energy Phil., Inc.	YES	NON-NPC/IPP		Mar-2013
SOLAR		141.3	113.1									
ARMENIA SOLAR	Ground Mounted Solar PVs	8.8	7.1		Barangay Armenia, Tarlac City, Tarlac	3	nv vopt Philippines Solar Energy Three, Inc. (nv vopt 3)	nv vopt Philippines Solar Energy Three, Inc. (nv vopt 3)	NO	NON-NPC/IPP		Dec-2016
BULACAN III SOLAR	Ground Mounted Solar PVs	15.0	12.0		San Idefonso, Bulacan	3	Bulacan Solar Energy Corporation	Bulacan Solar Energy Corporation	YES	NON-NPC/IPP		Mar-2016
BURGOS SOLAR 1	Ground Mounted Solar PVs	4.2	3.3		Burgos, Ilocos Norte	1	Energy Development Corporation (EDC)	Energy Development Corporation (EDC)	YES	NON-NPC/IPP		Mar-2015
BURGOS SOLAR 2	Ground Mounted Solar PVs	2.7	2.1		Burgos, Ilocos Norte	1	Energy Development Corporation (EDC)	Energy Development Corporation (EDC)	YES	NON-NPC/IPP		Jan-2016
CABANATUAN SOLAR	Ground Mounted Solar PVs	10.3	8.2		Cabanatuan City, Nueva Ecija	3	First Cabanatuan Renewable Ventures, Inc.	First Cabanatuan Renewable Ventures, Inc.	YES	NON-NPC/IPP		Mar-2016
CW HOME DEPOT SOLAR	Ground Mounted Solar PVs	1.7	1.3		CW Home Depot, Barangay Pulong, Sta. Rosa City, Laguna	4-A	CW Marketing & Development Corporation (CW)	CW Marketing & Development Corporation (CW)	NO	NON-NPC/IPP		2017
DALAYAP SOLAR	Ground Mounted Solar PVs	7.5	6.0		Barangay Dalayap, Tarlac City, Tarlac	3	nv vopt Philippines Solar Energy Four, Inc. (nv vopt 4)	nv vopt Philippines Solar Energy Four, Inc. (nv vopt 4)	NO	NON-NPC/IPP		Dec-2016
LIAN SOLAR	Ground Mounted Solar PVs	2.0	1.6		Lian, Batangas	4-A	Absolut Distillers Inc.	Absolut Distillers Inc.	YES	NON-NPC/IPP		Mar-2016
MAJESTIC	Rooftop Installed Solar PVs	41.3	33.0		CEZA, Rosario, Cavite	4-A	Majestic Power Corporation	Majestic Power Corporation	YES	NON-NPC/IPP		Mar-2015
MORONG SOLAR	Ground Mounted Solar PVs	5.0	4.0		Morong, Bataan	3	SPARC Solar Powered Agri-Rural Communities Corporation (SPARCC)	SPARC Solar Powered Agri-Rural Communities Corporation (SPARCC)	NO	NON-NPC/IPP		2017
PALAUIG SOLAR	Ground Mounted Solar PVs	5.0	4.0		Palauig, Zambales	3	SPARC Solar Powered Agri-Rural Communities Corporation (SPARCC)	SPARC Solar Powered Agri-Rural Communities Corporation (SPARCC)	YES	NON-NPC/IPP		Mar-2016
RASLAG SOLAR PH 1	Ground Mounted Solar PVs	10.0	8.0		Brgy. Suclaban, Mexico, Pampanga	3	RASLAG Corporation	RASLAG Corporation	YES	NON-NPC/IPP		Feb-2015
RASLAG SOLAR PH 2	Ground Mounted Solar PVs	13.1	10.5		Brgy. Suclaban, Mexico, Pampanga	3	RASLAG Corporation	RASLAG Corporation	NO	NON-NPC/IPP		Dec-2015



LIST OF EXISTING POWER PLANTS (GRID-CONNECTED) AS OF JUNE 2020

LUZON GRID

POWER PLANT		CAPACITY, MW		NUMBER OF UNITS	LOCATION	REGION	OPERATOR	IPPA	FIT APPROVED (for RE)	OWNER TYPE	TYPE OF CONTRACT	DATE COMMISSIONED/ COMMERCIAL OPERATION
FACILITY NAME	SUBTYPE	INSTALLED	DEPENDABLE		MUNICIPALITY/ PROVINCE							
SAN RAFAEL SOLAR	Ground Mounted Solar PVs	3.8	3.1		San Rafael, Bulacan	3	SPARC Solar Powered Agri-Rural Communities Corporation (SPARCC)	SPARC Solar Powered Agri-Rural Communities Corporation (SPARCC)	NO	NON-NPC/IPP		2017
SARRAT SOLAR	Ground Mounted Solar PVs	0.9	0.7		Sarrat, Ilocos Norte	1	Bosung Solartec, Inc.	Bosung Solartec, Inc.	NO	NON-NPC/IPP		2017
SPCRPI SM NORTH EDSA	Rooftop Installed Solar PVs	1.5	1.2		Quezon City, Metro Manila	NCR	Solar Philippines Commercial Rooftop Projects, Inc.	Solar Philippines Commercial Rooftop Projects, Inc.	YES	NON-NPC/IPP		Apr-2015
VALENZUELA SOLAR	Ground Mounted Solar PVs	8.5	6.8		Brgy. Isla, Valenzuela City	NCR	Valenzuela Solar Energy Inc.	Valenzuela Solar Energy Inc.	YES	NON-NPC/IPP		Mar-2016
	WIND	54.0	54.0									
PILILIA WIND	Mountain Range-Installed Wind Turbine	54.0	54.0		Pililia, Rizal	4-A	Alternergy Wind One Corporation	Alternergy Wind One Corporation	YES	NON-NPC/IPP		Jun-2015
TOTAL LUZON		16,961.5	15,334.7									

BATTERY ENERGY STORAGE SYSTEM (BESS)

MASINLOC BESS	Advancion TM Energy Storage Array	10.0	10.0	1	Masinloc, Zambales	3	Masinloc Power Partners Co. Ltd. (MPPCL)	Masinloc Power Partners Co. Ltd. (MPPCL)				Jun-2018
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Note:

Excluding off-grid generators

Released as of 22 September 2020

FIT Approved Plants based on RE Projects under FIT System as of 31 December 2019

Installed Capacity - nameplate capacity; full-load continuous gross capacity of a unit under specified conditions, as calculated from the electric generator nameplate based on the rated power factor.

Dependable Capacity - maximum capacity when modified for ambient limitations for a specified period of time, such as a month or a season.

Legend:

in GREEN - NEW ENTRY

in BLACK - NON-NPC/IPP