

Summary of Gross Generation (MWh) per Region
For period: **2009-2021**

LUZON	2021
CAR	767,276
Hydro	767,276
Region 1	8,057,693
Coal	5,630,468
Oil-Based	148,627
Hydro	1,257,821
Solar	40,106
Wind	980,671
Region 2	986,183
Hydro	806,658
Biomass	179,525
Region 3	20,467,478
Coal	17,318,087
Oil-Based	736,651
Hydro	1,182,560
Solar	491,013
Biomass	739,168
NCR	94,635
Oil-Based	73,257
Solar	19,531
Biomass	1,846
Region 4A	42,820,405
Coal	20,184,682
Oil-Based	37,752
Natural Gas	19,059,682
Geothermal	1,852,523
Hydro	1,386,437
Solar	170,041
Wind	114,506
Biomass	14,782
Region 4B	-
Oil-Based	-
Hydro	-
Solar	-
Wind	-
Region 5	2,048,870
Oil-Based	-
Geothermal	1,985,219
Hydro	10,787
Biomass	52,864
SubTotal Luzon (with Private Offgrid)	75,242,541
NPC SPUG (LUZON)	-
Source: 2021 DOE Power Statistics	75,242,541

VISAYAS	2021
Region 6	3,839,375
Coal	2,697,023
Geothermal	-
Oil-Based	125,012
Hydro	30,630
Solar	462,384
Wind	174,485
Biomass	349,842
Region 7	8,210,341
Coal	6,301,830
Natural Gas	-
Geothermal	1,409,410
Oil-Based	342,636
Hydro	58,666
Solar	97,799
Region 8	4,218,106
Oil-Based	11
Geothermal	4,126,006
Hydro	-
Solar	92,088
SubTotal Visayas (with Private Offgrid)	16,267,822
NPC SPUG (VISAYAS)	-
Total Visayas	16,267,822

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For period: **2009-2021**

MINDANAO	2021
Region 9	112,179
Oil-Based	112,179
Region 10	7,822,744
Coal	5,146,313
Oil-Based	21,772
Hydro	2,623,717
Solar	30,941
Biomass	1
Region 11	3,986,145
Coal	3,634,342
Oil-Based	9,172
Hydro	321,836
Solar	20,795
Region 12	1,838,310
Coal	1,139,501
Oil-Based	794
Geothermal	643,320
Biomass	9,843
Solar	44,853
CARAGA	58,119
Oil-Based	8,515
Hydro	49,605
ARMM	786,853
Oil-Based	-
Hydro	689,330
Biomass	97,522
SubTotal Mindanao (with Private Offgrid)	14,604,350
NPC SPUG (MINDANAO)	-
Total Mindanao	14,604,350

Grid	2021
LUZON	75,242,541
Coal	43,133,237
Oil-Based	996,287
Natural Gas	19,059,682
Geothermal	3,837,742
Hydro	5,411,540
Biomass	988,186
Solar	720,691
Wind	1,095,177
NPC SPUG	-
VISAYAS	16,267,822
Coal	8,998,853
Oil-Based	467,659
Natural Gas	-
Geothermal	5,535,416
Hydro	89,296
Biomass	349,842
Solar	652,271
Wind	174,485
NPC SPUG	-
MINDANAO	14,604,350
Coal	9,920,155
Oil-Based	152,432
Natural Gas	1
Geothermal	643,320
Hydro	3,684,487
Biomass	107,366
Solar	96,589
Wind	-
NPC SPUG	-
Total PHILIPPINES	106,114,713
Coal	62,052,246
Oil-Based	1,616,378
Natural Gas	19,059,683
Geothermal	10,016,478
Hydro	9,185,324
Biomass	1,445,393
Solar	1,469,550
Wind	1,269,662
NPC SPUG	-

Source: 2021 DOE Power Statistics

Note:

- includes Grid-connected (Grid and
- Regional Generation depends on the location of the Generating facilities