

**Summary of Gross Generation (MWh) per Region per Technology**  
For period: **2022**

LUZON	2022 GROSS GENERATION (MWh)
<b>CAR</b>	<b>887,896</b>
Hydro	887,896
<b>Region 1</b>	<b>9,212,924</b>
Coal	7,438,579
Oil-Based	128,858
Hydro	872,196
Solar	44,436
Wind	728,856
<b>Region 2</b>	<b>1,309,491</b>
Hydro	1,014,316
Biomass	295,175
<b>Region 3</b>	<b>27,347,316</b>
Coal	24,341,036
Oil-Based	955,445
Hydro	931,921
Solar	776,354
Biomass	342,560
<b>NCR</b>	<b>160,988</b>
Oil-Based	127,211
Solar	32,883
Biomass	894
<b>Region 4A</b>	<b>38,975,097</b>
Coal	16,846,591
Oil-Based	307,308
Natural Gas	17,884,120
Geothermal	2,026,707
Hydro	1,532,284
Solar	244,845
Wind	124,795
Biomass	8,446
<b>Region 4B</b>	<b>953,221</b>
Oil-Based	793,068
Hydro	122,389
Solar	11,004
Wind	26,760
<b>Region 5</b>	<b>2,175,414</b>
Coal	89,492
Oil-Based	135,835
Geothermal	1,894,395
Solar	356
Hydro	11,264
Biomass	44,072
<b>SubTotal Luzon (with Private Offgrid)</b>	<b>81,022,346</b>
<b>NPC SPUG (LUZON)</b>	<b>228,773</b>
<b>Total Luzon</b>	<b>81,251,119</b>

VISAYAS	2022 GROSS GENERATION (MWh)
<b>Region 6</b>	<b>3,963,800</b>
Coal	2,698,239
Geothermal	-
Oil-Based	189,355
Hydro	21,043
Solar	426,803
Wind	176,218
Biomass	452,141
<b>Region 7</b>	<b>8,089,425</b>
Coal	5,802,561
Natural Gas	-
Geothermal	1,682,936
Oil-Based	413,165
Hydro	18,020
Solar	107,940
Biomass	64,803
<b>Region 8</b>	<b>4,253,199</b>
Oil-Based	43,998
Geothermal	4,130,332
Hydro	-
Solar	78,869
<b>SubTotal Visayas (with Private Offgrid)</b>	<b>16,306,424</b>
<b>NPC SPUG (VISAYAS)</b>	<b>20,787</b>
<b>Total Visayas</b>	<b>16,327,211</b>

**Summary of Gross Generation (MWh) per Region per Technology**  
For period: **2022**

MINDANAO	2022 GROSS GENERATION (MWh)
<b>Region 9</b>	<b>102,995</b>
Oil-Based	102,995
<b>Region 10</b>	<b>8,726,316</b>
Coal	5,138,068
Oil-Based	59,443
Hydro	3,496,742
Solar	32,063
Biomass	-
<b>Region 11</b>	<b>3,589,219</b>
Coal	3,186,359
Oil-Based	44,028
Hydro	328,277
Solar	30,555
<b>Region 12</b>	<b>1,956,134</b>
Coal	978,111
Oil-Based	207,729
Geothermal	690,148
Biomass	32,498
Solar	47,648
<b>CARAGA</b>	<b>84,479</b>
Oil-Based	34,566
Hydro	49,913
<b>ARMM</b>	<b>1,053,120</b>
Oil-Based	38,342
Hydro	933,237
Biomass	81,540
<b>SubTotal Mindanao (with Private Offgrid)</b>	<b>15,512,263</b>
<b>NPC SPUG (MINDANAO)</b>	<b>194,042</b>
<b>Total Mindanao</b>	<b>15,706,305</b>

GRID	2022 GROSS GENERATION (MWh)
<b>LUZON</b>	<b>81,251,119</b>
Coal	48,715,698
Oil-Based	2,447,724
Natural Gas	17,884,120
Geothermal	3,921,102
Hydro	5,372,267
Biomass	691,147
Solar	1,109,877
Wind	880,411
NPC SPUG	228,773
<b>VISAYAS</b>	<b>16,327,211</b>
Coal	8,500,801
Oil-Based	646,519
Natural Gas	-
Geothermal	5,813,267
Hydro	39,063
Biomass	516,945
Solar	613,612
Wind	176,218
NPC SPUG	20,787
<b>MINDANAO</b>	<b>15,706,305</b>
Coal	9,302,537
Oil-Based	487,103
Natural Gas	-
Geothermal	690,148
Hydro	4,808,170
Biomass	114,038
Solar	110,266
Wind	-
NPC SPUG	194,042
<b>Total PHILIPPINES</b>	<b>113,284,634</b>
Coal	66,519,036
Oil-Based	3,581,346
Natural Gas	17,884,120
Geothermal	10,424,518
Hydro	10,219,499
Biomass	1,322,130
Solar	1,833,755
Wind	1,056,629
NPC SPUG	443,601

Source: 2022 DOE Power Statistics

Note:

-includes Grid-connected (Grid and Embedded/Self-Gen Facilities) & Offgrid (Private or NPC SPUG-owned)

-Regional Generation depends on the location of the Generating facilities