

Summary of Gross Generation (MWh) per Region per Technology

For period: 2023

LUZON	2023 GROSS GENERATION (MWh)
CAR	983,384
Hydro	983,384
Region 1	8,905,194
Coal	6,500,022
Oil-Based	98,944
Hydro	1,176,441
Solar	187,459
Wind	942,328
Region 2	869,000
Hydro	611,714
Biomass	257,286
Region 3	30,816,858
Coal	28,143,733
Oil-Based	275,834
Hydro	925,671
Solar	1,093,126
Biomass	378,495
NCR	252,395
Oil-Based	214,192
Solar	35,273
Biomass	2,929
Region 4A	39,350,038
Coal	18,428,598
Oil-Based	131,323
Natural Gas	16,668,066
Geothermal	2,207,180
Hydro	1,374,340
Solar	362,403
Wind	171,488
Biomass	6,639
Region 4B	1,020,359
Coal	52,652
Oil-Based	790,814
Hydro	120,906
Solar	13,093
Wind	42,894
Region 5	2,376,331
Coal	87,899
Oil-Based	150,528
Geothermal	2,078,740
Solar	444
Hydro	19,711

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Biomass	39,009
SubTotal Luzon (with Private Offgrid)	84,573,560
NPC SPUG (LUZON)	252,400
Total Luzon	84,825,959

VISAYAS	2023 GROSS GENERATION (MWh)
Region 6	3,764,037
Coal	3,381,423
Geothermal	-
Oil-Based	88,851
Hydro	56,267
Solar	-
Wind	194,322
Biomass	43,174
Region 7	7,523,545
Coal	7,019,381
Natural Gas	-
Geothermal	-
Oil-Based	400,899
Hydro	19,089
Solar	84,175
Biomass	-
Region 8	4,296,458
Oil-Based	77,771
Geothermal	4,052,574
Hydro	60,432
Solar	105,681
Negros Island Region (NIR)	2,695,508
<i>Negros Occidental - Region 6</i>	<i>955,173</i>
Oil-based	21,769
Solar	510,508
Biomass	422,896
<i>Negros Oriental - Region 7</i>	<i>1,740,335</i>
Geothermal	1,687,539
Solar	26,307
Biomass	21,698
Hydro	4,791
SubTotal Visayas (with Private Offgrid)	18,279,548
NPC SPUG (VISAYAS)	24,130
Total Visayas	18,303,679

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MINDANAO	2023 GROSS GENERATION (MWh)
Region 9	76,583
Oil-Based	76,583
Region 10	9,563,774
Coal	5,744,008
Oil-Based	20,136
Hydro	3,711,391
Solar	45,433
Biomass	42,805
Region 11	3,584,787
Coal	3,189,445
Oil-Based	11,912
Hydro	325,514
Solar	57,916
Region 12	2,160,722
Coal	1,347,237
Oil-Based	5,445
Geothermal	704,150
Biomass	63,308
Hydro	4,860
Solar	35,722
CARAGA	133,763
Oil-Based	10,047
Hydro	123,716
ARMM	1,072,632
Oil-Based	39,067
Hydro	902,941
Biomass	130,624
SubTotal Mindanao (with Private Offgrid)	16,592,260
NPC SPUG (MINDANAO)	216,999
Total Mindanao	16,809,259

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GRID	2023 GROSS GENERATION (MWh)
LUZON	84,825,959
Coal	53,212,904
Oil-Based	1,661,636
Natural Gas	16,668,066
Geothermal	4,285,920
Hydro	5,212,166
Biomass	684,358
Solar	1,691,799
Wind	1,156,710
NPC SPUG	252,400
VISAYAS	18,303,679
Coal	10,400,805
Oil-Based	589,290
Natural Gas	-
Geothermal	5,740,113
Hydro	140,579
Biomass	487,767
Solar	726,672
Wind	194,322
NPC SPUG	24,130
MINDANAO	16,809,259
Coal	10,280,690
Oil-Based	163,190
Natural Gas	-
Geothermal	704,150
Hydro	5,068,421
Biomass	236,737
Solar	139,072
Wind	-
NPC SPUG	216,999
Total PHILIPPINES	119,938,897
Coal	73,894,399
Oil-Based	2,414,117
Natural Gas	16,668,066
Geothermal	10,730,183
Hydro	10,421,166
Biomass	1,408,863
Solar	2,557,542
Wind	1,351,032
NPC SPUG	493,529

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Source: 2023 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