Department of Energy

2025 POWER STATISTICS

Gross Power Generation per Grid, by Plant Type
In MWh

LUZON	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	% Share - 2025
Generation per Technology (Grid)																								
Coal	14,351,121	15,548,335	14,653,275	14,099,158	14,417,796	13,503,727	14,091,376	20,046,584	19,681,127	21,877,501	25,755,945	27,346,492	29,679,511	33,143,458	33,952,671	37,362,128	40,508,183	40,575,727	43,133,237	48,626,207	53,072,353	57,069,815	50,996,575	56.9%
Oil-based	3,595,860	4,590,814	2,021,641	1,711,415	2,192,048	1,928,244	1,864,281	3,287,173	1,290,685	1,800,321	1,600,626	2,342,360	1,844,787	2,561,831	2,379,192	2,187,694	2,673,944	1,804,176	996,287	1,507,178	707,796	602,894	146,499	0.2%
Combined Cycle	438,755	738,437	90,608	238,870	652,834	513,442	638,520	1,202,040	123,556	227,354	247,159	514,980	275,892	693,685	405,022	522,115	728,239	494,880	416,603	645,790	99,032	138,612	16,526	0.02%
Diesel	2,317,101	2,688,194	1,910,774	1,315,067	1,348,033	952,751	594,559	1,003,383	890,321	1,099,123	1,183,466	1,520,521	1,483,116	1,622,749	1,692,212	1,520,177	1,736,224	1,297,301	550,541	770,247	525,656	446,674	129,973	0.1%
Gas Turbine	1,737	183	1,433	0	0	0	0	0	0	0	0	0	10,290	499	0	0	25,605	10,684	28,084	3,482	-	-	-	0.0%
Oil Thermal	838,268	1,164,000	18,826	157,478	191,182	462,051	631,203	1,081,749	276,807	473,844	170,001	306,859	75,489	244,898	281,958	145,402	183,876	1,310	1,059	87,659	83,107	17,608	-	0.0%
Natural Gas	13,139,410	12,384,467	16,860,917	16,365,960	18,789,414	19,575,855	19,886,827	19,517,854	20,591,323	19,641,527	18,783,471	18,685,808	18,877,915	19,853,783	20,547,239	21,333,789	22,354,378	19,496,927	19,059,682	17,884,120	16,668,066	18,046,729	21,721,004	24.2%
Renewable Energy (RE)	6,448,239	7,330,296	7,090,897	9,064,924	8,220,653	9,191,708	9,132,372	7,413,115	8,454,125	8,993,077	8,679,476	8,391,821	9,710,650	10,938,477	11,633,318	11,844,758	10,640,206	10,541,880	12,053,335	11,803,032	12,842,224	14,549,938	16,749,774	18.7%
Geothermal	2,600,465	3,033,417	2,742,203	3,519,417	3,600,503	3,729,921	3,515,964	3,323,495	3,485,813	3,588,417	3,398,601	3,817,330	4,096,454	4,226,913	3,909,704	3,871,484	3,646,931	3,808,053	3,837,742	3,921,102	4,285,920	4,657,447	4,293,857	4.8%
Hydro	3,847,774	4,296,879	4,331,224	5,492,271	4,562,309	5,400,402	5,549,227	4,013,529	4,836,470	5,292,482	5,155,521	4,357,160	4,768,825	5,011,100	5,729,567	5,944,913	5,083,913	4,510,267	5,411,540	5,238,614	5,079,868	5,307,787	7,059,332	7.9%
Biomass	0	0	0	0	0	0	2,752	14,375	43,638	36,839	59,699	65,279	187,188	438,807	598,665	593,968	592,051	779,972	988,186	691,147	684,358	645,430	656,775	0.7%
LFG & Biogas																21,608	25,256	18,599	15,341	16,193	17,571	13,938	14,213	0.02%
Rice, Bagasse, Napier																572,360	566,795	761,372	972,845	674,954	666,788	631,492	642,562	0.7%
Solar	0	0	0	0	0	0	0	0	0	0	0	0	66,427	494,946	495,984	503,131	493,250	588,092	720,691	1,098,518	1,678,262	2,905,248	3,688,418	4.1%
Wind	0	0	17,469	53,235	57,842	61,386	64,428	61,717	88,204	75,339	65,655	152,052	591,756	766,711	899,397	931,264	824,061	855,496	1,095,177	853,651	1,113,816	1,034,027	1,051,392	1.2%
Total Grid Generation	37,534,630	39,853,911	40,626,730	41,241,457	43,619,911	44,199,534	44,974,855	50,264,725	50,017,259	52,312,426	54,819,517	56,766,481	60,112,863	66,497,549	68,512,419	72,728,369	76,176,710	72,418,709	75,242,541	79,820,536	83,290,439	90,269,376	89,613,852	100.0%
BESS																			718	942	37,302	114,226	91,187	
Total Offgrid Generation																			1,302,991	1,430,583	1,535,520	1,630,613	1,953,896	

VISAYAS	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	% Share - 2025
Generation per Technology (Grid)																								
Coal	587,626	646,077	603,903	718,663	848,428	745,686	822,007	1,528,682	4,032,202	4,701,053	4,689,683	4,449,483	4,968,437	5,270,242	6,623,593	6,784,714	7,961,889	7,696,119	8,998,853	8,500,800	10,400,805	8,571,171	8,058,066	50.4%
Oil-based	1,860,563	1,997,708	1,799,876	1,281,766	1,477,089	1,664,802	1,863,970	1,726,580	683,226	734,172	796,470	765,893	672,207	637,405	541,022	352,598	524,266	297,933	467,659	562,561	472,527	518,583	370,961	2.3%
Diesel	1,480,745	1,649,383	1,486,431	1,165,700	1,334,868	1,432,627	1,554,155	1,446,180	448,577	514,274	528,780	614,558	672,207	637,405	541,022	352,598	524,266	297,933	467,659	562,561	472,527	518,583	370,961	2.3%
Gas Turbine	40,236	82,094	23,862	193	9,045	36,485	61,972	3,164	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	0.0%
Oil Thermal	339,582	266,231	289,582	115,873	133,176	195,690	247,843	277,236	234,649	219,899	267,689	151,335	0	0	0	0	-	-	-	-	-	-	-	0.0%
Natural Gas	0	0	0	0	0	0	0	0	0	0	7,815	4,269	0	0	0	0	-	-	-	-	-	-	-	0.0%
Renewable Energy (RE)	6,393,997	6,372,594	6,294,573	6,128,295	5,776,075	6,239,206	6,038,321	5,820,003	5,740,314	6,047,489	5,605,626	5,794,279	6,529,839	7,047,239	6,889,270	7,129,177	7,573,431	7,490,890	6,801,309	7,159,105	7,289,454	7,009,416	7,565,327	47.3%
Geothermal	6,360,964	6,338,317	6,267,377	6,100,202	5,746,878	6,199,159	5,984,957	5,771,218	5,615,561	5,930,484	5,463,017	5,627,241	6,105,383	5,974,487	5,563,581	5,737,443	6,277,914	6,205,193	5,535,416	5,813,267	5,740,113	5,408,203	5,506,327	34.4%
Hydro	33,033	34,277	27,196	28,093	29,197	40,047	42,406	35,889	53,117	46,161	36,936	35,475	38,375	63,532	90,087	72,562	56,850	64,730	89,296	39,063	140,579	162,433	418,185	2.6%
Biomass	0	0	0	0	0	0	10,957	12,896	71,636	70,844	105,673	116,523	158,864	276,053	414,483	439,269	355,646	373,758	349,842	516,945	487,767	514,460	522,093	3.3%
LFG & Biogas																-	-	-	-	-	-	-	-	0.0%
Rice, Bagasse, Napier																439,269	355,646	373,758	349,842	516,945	487,767	514,460	522,093	3.3%
Solar	0	0	0	0	0	0	0	0	0	0	0	15,040	70,559	524,658	626,957	658,244	665,422	676,255	652,271	613,612	726,672	719,676	922,176	5.8%
Wind	0	0	0	0	0	0	0	0	0	0	0	0	156,658	208,509	194,161	221,660	217,599	170,954	174,485	176,218	194,322	204,645	196,546	1.2%
Total Grid Generation	8,842,186	9,016,379	8,698,352	8,128,723	8,101,593	8,649,694	8,724,298	9,075,264	10,455,743	11,482,714	11,099,593	11,013,924	12,170,483	12,954,886	14,053,885	14,266,489	16,059,586	15,484,942	16,267,822	16,222,466	18,162,785	16,099,169	15,994,354	100.0%
BESS																			13,394	19,934	12,383	9,901	11,483	
Total Offgrid Generation																			118,657	104,744	140,894	196,469	200,864	

MINDANAO	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	% Share - 2025
Generation per Technology (Grid)																								
Coal	0	0	0	476,245	1,570,872	1,499,380	1,562,753	1,725,839	1,628,848	1,686,314	1,635,380	1,257,542	2,037,738	4,889,542	6,271,010	7,785,345	9,420,357	9,904,156	9,920,155	9,302,537	10,280,690	13,718,347	13,248,730	63.8%
Oil-based	1,713,693	1,915,799	2,319,927	1,671,619	1,478,868	1,275,288	1,652,415	2,087,250	1,423,688	1,719,521	2,093,504	2,599,495	3,369,442	2,462,172	866,879	632,525	554,092	371,779	152,432	448,761	123,322	220,186	188,529	0.9%
Diesel	1,711,563	1,915,500	2,319,772	1,671,376	1,478,775	1,275,010	1,622,575	2,082,124	1,423,433	1,718,684	2,092,831	2,595,139	3,365,393	2,462,172	866,879	632,525	554,092	371,779	152,432	448,761	123,322	220,186	188,529	0.9%
Oil Thermal	2,129	299	155	242	93	278	29,840	5,126	256	837	673	4,356	4,050	0	0	0	-	-	-	-	-	-	-	0.0%
Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	0.0%
Renewable Energy (RE)	4,850,029	5,171,340	4,922,732	5,266,085	4,840,544	5,197,088	5,020,111	4,589,680	5,650,112	5,721,036	5,617,847	5,623,555	4,722,686	3,993,743	4,666,147	4,351,990	3,830,743	3,576,134	4,531,763	5,721,367	6,146,673	6,633,748	7,332,100	35.3%
Geothermal	861,015	909,815	892,863	845,660	867,308	793,700	822,926	834,439	840,956	731,089	742,980	863,542	841,857	869,002	796,792	826,378	765,959	743,569	643,320	690,148	704,150	723,571	657,283	3.2%
Hydro	3,989,013	4,261,525	4,028,352	4,419,049	3,971,927	4,402,084	4,195,934	3,753,987	4,807,945	4,913,491	4,826,851	4,744,638	3,857,878	3,036,282	3,791,144	3,366,284	2,884,729	2,617,022	3,684,487	4,806,915	5,066,715	5,438,377	6,151,695	29.6%
Biomass	0	0	0	0	0	0	0	0	0	75,136	46,602	13,897	21,403	11,046	0	71,586	92,646	107,287	107,367	114,038	236,737	286,031	348,502	1.7%
LFG & Biogas																0	-	-	-	8,067	11,101	8,067	13,673	0.1%
Rice, Bagasse, Napier																71,586	92,646	107,287	107,367	105,971	225,637	105,971	334,829	1.6%
Solar	0	0	1,517	1,376	1,309	1,304	1,252	1,254	1,212	1,320	1,414	1,477	1,548	77,412	78,211	87,742	87,409	108,257	96,589	110,266	139,072	185,769	174,621	0.8%
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	0.0%
Total Grid Generation	6,563,721	7,087,140	7,242,659	7,413,949	7,890,283	7,971,756	8,235,278	8,402,769	8,702,648	9,126,871	9,346,731	9,480,592	10,129,866	11,345,457	11,804,037	12,769,861	13,805,192	13,852,069	14,604,350	15,472,666	16,550,685	20,572,282	20,769,360	100.0%
BESS																			39	47	6,834	36,532	19,662	
Total Offgrid Generation																			232,843	233,639	258,575	285,915	301,093	

PHILIPPINES (Grid)	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	% Share - 2025
Luzon	37,534,630	39,853,911	40,626,730	41,241,457	43,619,911	44,199,534	44,974,855	50,264,725	50,017,259	52,312,426	54,819,517	56,766,481	60,112,863	66,497,549	68,512,419	72,728,369	76,176,710	72,418,709	75,242,541	79,820,536	83,290,439	90,269,376	89,613,852	70.9%
Visayas	8,842,186	9,016,379	8,698,352	8,128,723	8,101,593	8,649,694	8,724,298	9,075,264	10,455,743	11,482,714	11,099,593	11,013,924	12,170,483	12,954,886	14,053,885	14,266,489	16,059,586	15,484,942	16,267,822	16,222,466	18,162,785	16,099,169	15,994,354	12.7%
Mindanao	6,563,721	7,087,140	7,242,659	7,413,949	7,890,283	7,971,756	8,235,278	8,402,769	8,702,648	9,126,871	9,346,731	9,480,592	10,129,866	11,345,457	11,804,037	12,769,861	13,805,192	13,852,069	14,604,350	15,472,666	16,550,685	20,572,282	20,769,360	16.4%
Total Generation	52,940,537	55,957,430	56,567,740	56,784,130	59,611,788	60,820,985	61,934,432	67,742,759	69,175,650	72,922,011	75,265,842	77,260,997	82,413,213	90,797,891	94,370,341	99,764,718	106,041,488	101,755,720	106,114,713	111,515,669	118,003,909	126,940,827	126,377,566	100.0%

PHILIPPINES (Offgrid)	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	% Share - 2025
Luzon																			1,302,991	1,430,583	1,535,520	1,630,613	1,953,896	79.6%
Visayas																			118,657	104,744	140,894	196,469	200,864	8.2%
Mindanao																			232,843	233,639	258,575	285,915	301,093	12.3%
Total Generation																			1,654,491	1,768,966	1,934,988	2,112,996	2,455,854	100.0%

PHILIPPINES by Plant Typ	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	% Share - 2025
Generation per Technology (Grid)																								
Coal	14,938,748	16,194,412	15,257,178	15,294,066	16,837,096	15,748,794	16,476,136	23,301,105	25,342,176	28,264,867	32,081,007	33,053,518	36,685,685	43,303,242	46,847,274	51,932,187	57,890,429	58,176,002	62,052,246	66,429,544	73,753,848	79,359,333	72,303,371	57.2%
Oil-based	7,170,115	8,504,321	6,141,444	4,664,799	5,148,006	4,868,333	5,380,666	7,101,002	3,397,599	4,254,015	4,490,600	5,707,748	5,886,437	5,661,408	3,787,093	3,172,817	3,752,302	2,473,888	1,616,378	2,518,500	1,303,644	1,341,663	705,989	0.6%
Combined Cycle	438,755	738,437	90,608	238,870	652,834	513,442	638,520	1,202,040	123,556	227,354	247,159	514,980	275,892	693,685	405,022	522,115	728,239	494,880	416,603	645,790	99,032	138,612	16,526	0.0%
Diesel	5,509,409	6,253,077	5,716,977	4,152,144	4,161,675	3,660,388	3,771,289	4,531,688	2,762,331	3,332,081	3,805,078	4,730,219	5,520,716	4,722,326	3,100,113	2,505,300	2,814,582	1,967,013	1,170,632	1,781,569	1,121,505	1,185,442	689,463	0.5%
Gas Turbine	41,972	82,277	25,295	193	9,045	36,485	61,972	3,164	0	0	0	0	10,290	499	0	0	25,605	10,684	28,084	3,482	-	-	-	0.0%
Oil Thermal	1,179,979	1,430,529	308,564	273,593	324,452	658,018	908,885	1,364,111	511,712	694,580	438,363	462,550	79,539	244,898	281,958	145,402	183,876	1,310	1,059	87,659	83,107	17,608	-	0.0%
Natural Gas	13,139,410	12,384,467	16,860,917	16,365,960	18,789,414	19,575,855	19,886,827	19,517,854	20,591,323	19,641,527	18,791,286	18,690,077	18,877,915	19,853,783	20,547,239	21,333,789	22,354,378	19,496,927	19,059,682	17,884,120	16,668,066	18,046,729	21,721,004	17.2%
Renewable Energy (RE)	17,692,264	18,874,230	18,308,202	20,459,304	18,837,272	20,628,003	20,190,804	17,822,798	19,844,551	20,761,602	19,902,949	19,809,655	20,963,175	21,979,459	23,188,735	23,325,925	22,044,380	21,608,904	23,386,408	24,683,504	26,278,351	28,193,102	31,647,201	25.0%
Geothermal	9,822,444	10,281,550	9,902,443	10,465,279	10,214,688	10,722,780	10,323,847	9,929,152	9,942,330	10,249,990	9,604,598	10,308,113	11,043,694	11,070,403	10,270,077	10,435,305	10,690,804	10,756,815	10,016,478	10,424,518	10,730,183	10,789,220	10,457,467	8.3%
Hydro	7,869,820	8,592,681	8,386,773	9,939,413	8,563,433	9,842,534	9,787,567	7,803,405	9,697,532	10,252,134	10,019,308	9,137,273	8,665,078	8,110,915	9,610,799	9,383,758	8,025,492	7,192,019	9,185,324	10,084,592	10,287,161	10,908,597	13,629,212	10.8%
Biomass	0	0	0	0	0	0	13,710	27,270	115,274	182,819	211,973	195,699	367,456	725,906	1,013,148	1,104,823	1,040,343	1,261,016	1,445,395	1,322,130	1,408,863	1,445,921	1,527,371	1.2%
LFG & Biogas																21,608	25,256	18,599	15,341	24,260	28,671	13,938	27,887	0.0%
Rice, Bagasse, Napier																1,083,215	1,015,087	1,242,417	1,430,054	1,297,870	1,380,191	1,431,984	1,499,484	1.2%
Solar	0	0	1,517	1,376	1,309	1,304	1,252	1,254	1,212	1,320	1,414	16,517	138,534	1,097,016	1,201,152	1,249,116	1,246,082	1,372,604	1,469,550	1,822,396	2,544,005	3,810,693	4,785,214	3.8%
Wind	0	0	17,469	53,235	57,842	61,386	64,428	61,717	88,204	75,339	65,655	152,052	748,414	975,219	1,093,558	1,152,923	1,041,660	1,026,450	1,269,662	1,029,869	1,308,138	1,238,671	1,247,938	1.0%
Total Grid Generation	52,940,537	55,957,430	56,567,740	56,784,130	59,611,788	60,820,985	61,934,432	67,742,759	69,175,650	72,922,011	75,265,842	77,260,997	82,413,213	90,797,891	94,370,341	99,764,718	106,041,488	101,755,720	106,114,713	111,515,669	118,003,909	126,940,827	126,377,566	100.0%
BESS																			14,151	20,923	56,519	160,660	122,332	
Total Offgrid Generation																			1,654,491	1,768,966	1,934,988	2,112,996	2,455,854	

Total Grid and Offgrid Generation																			107,769,204	113,284,634	119,938,897	129,053,823	128,833,419	

Notes:

1. Gross Power Generation data includes grid connected, embedded and off-grid generator. The above figures also includes power generation during the Test and Commissioning Phase of Coal, Natural Gas and RE Projects.
2. BESS and Offgrid Generation separated from Grid Generation starting 2021
3. Offgrid generation composed of NPC-SPUG and NPP generation
4. Gross Generation - the total amount of electric energy produced by generating units and measured at the generating terminal
5. Data for Biomass disaggregated from the year 2018 to 2025 (LFG & Biogas, and Rice, Bagasse, Napier)

Grid data updated as of 10 June 2026

Off-Grid data updated as of 25 June 2026