

**Gross Power Generation per Grid, by Plant Type
In MWh**

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	% Share - 2020	
Luzon																				
Coal	14,951,121	15,548,335	14,653,275	14,096,158	14,417,798	13,503,727	14,091,378	20,046,584	19,681,127	21,877,501	25,755,945	27,346,492	29,679,511	33,143,458	33,982,671	37,362,128	40,508,183	40,505,727	56.03%	
Oil-based	3,565,980	4,580,614	2,021,641	1,711,415	2,192,048	1,820,244	1,964,281	3,287,173	1,290,665	1,800,321	1,600,626	2,346,360	2,581,787	2,581,831	2,378,182	2,167,684	2,573,944	1,804,176	2.49%	
Combined Cycle	438,755	738,437	90,608	238,870	652,834	513,442	635,240	1,202,040	123,556	227,354	247,159	514,980	275,892	693,685	405,022	522,715	728,239	494,880	0.68%	
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	1,059,123	1,163,466	1,520,521	1,483,116	1,622,749	1,692,212	1,520,177	1,736,234	1,297,301	1.79%	
Gas Turbine	1,737	183	1,433	0	0	0	0	0	0	0	0	0	0	499	0	0	25,605	10,684	0.01%	
Oil Thermal	838,268	1,164,000	18,826	157,478	191,182	462,051	631,203	1,081,749	278,807	473,844	170,001	306,859	75,489	244,888	281,958	145,402	183,875	1,310	0.00%	
Natural Gas	13,139,410	12,384,467	16,860,917	16,368,980	18,789,414	19,575,855	19,886,827	19,517,854	20,591,323	19,641,827	18,783,471	18,685,808	18,877,915	19,853,763	20,547,239	21,333,789	22,354,378	19,498,927	28.92%	
Renewable Energy (RE)	6,448,239	7,330,298	7,050,897	9,064,524	8,220,683	9,191,708	9,132,372	7,413,115	8,454,125	8,993,077	8,679,476	8,391,821	9,710,680	10,398,477	11,633,318	11,844,758	10,840,200	10,541,880	14.58%	
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	5.26%	
Hydro	3,847,774	4,296,879	4,331,224	5,492,271	4,562,308	5,400,402	5,549,227	4,013,529	4,836,470	5,262,482	5,155,521	4,357,160	4,769,825	5,011,100	5,729,567	5,944,913	5,083,913	4,510,267	6.23%	
Biomass	0	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	1.08%
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	0.81%	
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	
Total	37,834,630	39,853,911	40,826,730	41,241,457	43,619,911	44,199,534	44,974,855	60,264,725	60,017,269	62,312,426	64,819,517	66,706,491	60,112,863	66,407,549	65,512,419	72,729,390	76,170,710	72,416,709	100.00%	
Visayas																				
Coal	587,626	848,077	803,903	718,883	848,428	745,686	822,007	1,528,682	4,032,202	4,701,053	4,699,693	4,449,483	4,968,437	5,270,242	6,623,593	6,764,714	7,981,889	7,696,119	49.70%	
Oil-based	1,850,563	1,997,708	1,799,876	1,281,788	1,477,089	1,664,802	1,863,870	1,726,580	663,226	734,172	796,470	785,693	672,207	637,405	541,022	352,586	524,266	267,933	1.92%	
Diesel	1,480,745	1,649,383	1,486,311	1,165,700	1,334,868	1,432,627	1,554,155	1,446,180	542,572	514,274	528,780	614,558	672,207	637,405	541,022	352,586	524,266	297,933	1.92%	
Gas Turbine	40,236	82,094	23,862	193	9,045	36,485	67,743	3,164	0	0	0	0	0	0	0	0	0	0	0.00%	
Oil Thermal	339,582	266,231	289,582	118,873	133,176	195,690	247,843	277,236	248,649	219,899	267,689	251,335	0	0	0	0	0	0	0.00%	
Natural Gas	0	0	0	0	0	0	0	0	0	0	7,815	4,269	0	0	0	0	0	0	0.00%	
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	6,529,639	7,047,239	6,889,270	7,129,177	7,573,431	7,490,890	48.38%	
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	40.07%	
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	63,532	90,087	72,562	96,850	64,730	64,300	0.42%	
Biomass	0	0	0	0	0	0	0	10,957	12,896	17,636	70,844	105,673	116,523	158,864	276,053	414,483	439,269	355,646	373,758	2.41%
Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	
Total	8,842,196	9,016,379	8,898,382	8,128,723	8,101,593	8,649,894	8,724,298	9,075,284	10,485,743	11,482,714	11,099,883	11,018,924	12,170,483	12,954,886	14,033,885	14,298,486	16,069,588	15,494,942	100.00%	
MINDANAO																				
Coal	0	0	0	476,245	1,570,872	1,499,390	1,662,763	1,725,899	1,628,848	1,698,314	1,635,380	1,257,542	2,037,738	4,889,542	6,271,010	7,785,345	9,420,357	9,904,156	71.50%	
Oil-based	1,713,693	1,915,799	2,319,827	1,871,619	1,478,886	1,652,298	1,852,415	2,067,250	1,423,688	1,719,521	2,083,504	2,599,495	3,969,442	2,462,172	866,879	632,525	554,062	371,779	2.68%	
Diesel	1,711,563	1,915,500	2,319,772	1,671,376	1,478,775	1,625,010	1,822,575	2,082,124	1,423,433	1,718,684	2,092,831	2,595,139	3,965,333	2,462,172	866,879	632,525	554,062	371,779	2.68%	
Oil Thermal	2,129	289	155	242	93	278	278	5,126	256	837	673	0	4,050	0	0	0	0	0	0.00%	
Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	
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	4,361,990	3,830,743	3,676,134	25.82%	
Geothermal	861,015	909,815	892,863	845,680	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	5.37%	
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	18.89%	
Biomass	0	0	0	0	0	0	0	0	0	75,136	46,602	13,897	21,403	11,046	17,586	92,646	107,287	0.77%		
Solar	0	0	0	1,517	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	0.78%	
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	
Total	6,563,721	7,087,140	7,242,689	7,413,948	7,890,283	7,971,786	8,235,276	8,402,789	8,702,646	9,128,871	9,346,731	9,480,592	10,129,886	11,345,457	11,804,037	12,769,861	13,905,192	13,852,069	100.00%	
PHILIPPINES per Grid																				
Luzon	37,534,630	39,853,911	40,626,730	41,241,457	43,619,911	44,199,534	44,974,855	60,264,725	60,017,259	62,312,426	64,819,517	66,706,481	60,112,863	66,497,549	68,512,419	72,729,369	76,170,710	72,416,709	71.17%	
Visayas	8,842,186	9,016,379	8,898,382	8,128,723	8,101,593	8,649,894	8,724,298	9,075,284	10,485,743	11,482,714	11,099,593	11,018,924	12,170,483	12,954,886	14,033,885	14,298,489	16,069,586	15,484,942	15.22%	
Mindanao	6,563,721	7,087,140	7,242,689	7,413,948	7,890,283	7,971,756	8,235,278	8,402,789	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	13.61%	
Total Generation	52,940,537	55,957,430	56,667,740	56,784,130	59,611,788	60,820,985	61,934,432	67,742,789	69,175,650	72,922,011	75,295,842	77,290,997	82,413,213	90,797,891	94,370,341	99,764,716	108,041,468	101,765,720	100.00%	
PHILIPPINES by Plant Type																				
Coal	14,938,748	16,194,412	15,257,178	15,294,066	16,837,096	15,748,136	16,476,136	23,301,105	25,342,176	28,264,967	32,081,007	33,063,514	36,685,685							