

2014 PHILIPPINE POWER STATISTICS

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Power Consumption by Sector In Gwh														
Residential	13,547	13,715	15,357	15,920	16,031	15,830	16,376	16,644	17,504	18,833	18,694	19,695	20,614	20,969
Commercial	10,098	10,109	11,106	11,785	12,245	12,679	13,470	14,136	14,756	16,261	16,624	17,777	18,304	18,761
Industrial	14,452	13,628	15,188	15,012	15,705	15,888	16,522	17,031	17,084	18,576	19,334	20,071	20,677	21,429
Others	1,042	1,172	1,069	1,359	1,177	1,275	1,641	1,395	1,523	1,596	1,446	1,668	1,971	2,186
Electricity Sales	39,140	38,624	42,720	44,076	45,159	45,672	48,009	49,206	50,868	55,266	56,098	59,211	61,566	63,345
Utilities Own Use	2,196	1,928	3,410	4,654	4,591	4,227	3,994	3,935	3,524	4,677	5,398	5,351	5,959	6,646
Power Losses	5,713	7,915	6,810	7,228	6,817	6,885	7,608	7,680	7,542	7,800	7,680	8,360	7,741	7,270
Total	47,049	48,467	52,941	55,957	56,568	56,784	59,612	60,821	61,934	67,743	69,176	72,922	75,266	77,261
Power Generation by Grid In Gwh														
Luzon	36,184	36,387	37,535	39,854	40,627	41,241	43,620	44,200	44,972	50,250	49,974	52,276	54,820	56,766
Visayas	5,163	6,099	8,842	9,016	8,698	8,129	8,102	8,650	8,724	9,075	10,456	11,483	11,100	11,014
Mindanao	5,703	5,982	6,564	7,087	7,243	7,414	7,890	7,972	8,235	8,403	8,703	9,127	9,347	9,481
Total	47,049	48,467	52,941	55,957	56,568	56,784	59,612	60,821	61,932	67,728	69,132	72,885	75,266	77,261

Power Generation by Source In Gwh, Total Philippines														
Oil-Based	9,867	6,293	7,170	8,504	6,141	4,665	5,148	4,868	5,381	7,101	3,398	4,254	4,491	5,708
Oil-Thermal	3,528	947	1,180	1,431	309	274	324	658	909	1,364	512	695	438	463
Diesel	4,473	4,561	5,509	6,253	5,717	4,152	4,162	3,660	3,771	4,532	2,762	3,332	3,805	4,730
Gas Turbines/CC	1,865	785	481	821	116	239	662	550	700	1,205	124	227	247	515
Hydro	7,104	7,033	7,870	8,593	8,387	9,939	8,563	9,843	9,788	7,803	9,698	10,252	10,019	9,137
Geothermal	10,442	10,242	9,822	10,282	9,902	10,465	10,215	10,723	10,324	9,929	9,942	10,250	9,605	10,308
Coal	18,789	16,128	14,939	16,194	15,257	15,294	16,837	15,749	16,476	23,301	25,342	28,265	32,081	33,054
Other Renewable(Wind,Solar,Biomass)					19	55	59	63	79	90	205	259	279	364
Natural Gas	848	8,771	13,139	12,384	16,861	16,366	18,789	19,576	19,887	19,518	20,591	19,642	18,791	18,690
Total	47,049	48,467	52,941	55,957	56,568	56,784	59,612	60,821	61,934	67,743	69,176	72,922	75,266	77,261

Installed Generating Capacity In MW														
Oil Based	3,905	3526.57	3,604.1	3,669.2	3,663	3,602	3,616	3,353	3,193	3,193	2,994	3,074	3,353	3,476
Hydro	2,518	2518.07	2,867.1	3,217.1	3,222	3,257	3,289	3,291	3,291	3,400	3,491	3,521	3,521	3,543
Geothermal	1,931	1931.48	1,931.5	1,931.5	1,978	1,978	1,958	1,958	1,953	1,966	1,783	1,848	1,868	1,918
Coal	3,963	3963	3,958.3	3,967.1	3,967	4,177	4,213	4,213	4,277	4,867	4,917	5,568	5,568	5,708
New RE		-			26	26	26	34	64	73	117	153	153	437
Natural Gas	1,063	2763	2,763.0	2,763.0	2,763	2,763	2,834	2,831	2,831	2,861	2,861	2,862	2,862	2,862
Total	13,380	14,702	15,124	15,548	15,619	15,803	15,937	15,681	15,610	16,359	16,162	17,025	17,325	17,944

Note: *IPPs generation included in the utility
 Generation data includes grid connected, embedded and off-grid generator.
 Off-grid generator not included in the Installed Capacity.

Electricity Sales and Consumption by Sector*
in MWh

Luzon	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	11,795,920	12,114,757	12,037,503	11,801,709	12,129,245	12,235,803	12,801,337	13,865,105	13,558,194	14,262,257	15,055,561	15,304,067
Commercial	9,649,022	10,138,137	10,495,060	10,865,084	11,503,251	12,065,744	12,519,046	13,684,231	13,975,287	14,905,458	15,509,869	16,102,599
Industrial	10,476,442	10,148,988	10,669,917	10,562,722	11,033,946	11,522,202	11,745,017	13,030,042	13,393,636	14,085,532	14,378,824	14,939,121
Others	547,072	622,797	588,557	711,883	768,443	791,669	794,033	809,417	779,129	810,429	858,922	894,719
Total Sales	32,468,456	33,024,680	33,791,038	33,941,398	35,434,885	36,615,419	37,859,434	41,388,794	41,706,246	44,063,677	45,803,175	47,240,505
Own-Use	2,825,775	3,856,057	3,738,405	3,443,789	3,140,721	3,069,218	2,666,262	3,729,375	4,113,775	3,952,498	4,549,543	5,040,459
System Loss	5,190,782	5,508,907	5,033,287	5,039,235	5,764,135	5,632,154	5,109,530	5,203,908	5,144,668	5,706,961	5,383,067	5,207,774
Total Consumption	40,485,013	42,389,644	42,562,730	42,424,421	44,339,741	45,316,792	45,635,225	50,322,077	50,964,688	53,723,136	55,735,785	57,488,739

Visayas	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	1,784,959	1,872,854	1,999,023	2,036,357	2,157,467	2,208,277	2,340,752	2,523,334	2,526,694	2,668,062	2,735,203	2,770,126
Commercial	665,614	783,096	861,240	910,005	1,002,669	1,043,842	1,094,152	1,311,513	1,324,240	1,425,684	1,446,028	1,301,551
Industrial	2,022,241	1,999,039	2,104,110	2,340,239	2,402,248	2,416,489	2,561,555	2,770,271	3,037,863	3,031,684	3,136,622	3,214,079
Others	245,000	376,787	319,986	264,807	454,767	292,585	312,654	430,941	335,571	521,270	549,765	753,265
Total Sales	4,717,814	5,031,776	5,284,359	5,551,408	6,017,151	5,961,193	6,309,113	7,036,059	7,224,369	7,646,701	7,867,617	8,039,020
Own-Use	484,481	661,113	679,446	606,006	574,113	588,755	564,887	665,184	996,146	1,092,227	1,055,265	1,233,647
System Loss	742,299	787,806	798,547	788,345	790,499	982,489	1,189,930	1,316,670	1,287,799	1,333,075	1,260,444	1,019,000
Total Consumption	5,944,594	6,480,696	6,762,352	6,945,759	7,381,763	7,532,437	8,063,929	9,017,913	9,508,314	10,072,003	10,183,326	10,291,667

Mindanao	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	1,775,703	1,932,626	1,994,831	1,992,135	2,088,878	2,200,150	2,361,655	2,444,569	2,608,658	2,764,576	2,822,954	2,894,679
Commercial	791,411	863,948	889,147	903,959	964,494	1,026,418	1,143,006	1,264,818	1,324,308	1,446,080	1,347,851	1,356,637
Industrial	2,689,610	2,863,964	2,931,133	2,985,180	3,085,523	3,092,211	2,777,855	2,775,995	2,902,455	2,953,756	3,161,354	3,275,468
Others	277,000	358,964	268,893	298,094	418,107	310,723	416,779	355,534	331,557	335,829	562,662	538,476
Total Sales	5,533,723	6,019,502	6,084,005	6,179,367	6,557,002	6,629,502	6,699,295	6,840,916	7,166,977	7,500,241	7,894,820	8,065,259
Own-Use	100,208	136,743	173,315	177,649	279,436	276,772	293,218	282,261	288,559	306,426	354,597	371,725
System Loss	876,998	930,846	985,339	1,056,934	1,053,846	1,065,482	1,242,765	1,279,592	1,247,112	1,320,204	1,097,314	1,043,608
Total Consumption	6,510,930	7,087,090	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

Philippines	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Residential	15,356,582	15,920,237	16,031,358	15,830,201	16,375,589	16,644,230	17,503,744	18,833,007	18,693,546	19,694,896	20,613,717	20,968,872
Commercial	11,106,046	11,785,181	12,245,447	12,679,048	13,470,414	14,136,004	14,756,204	16,260,562	16,623,834	17,777,222	18,303,747	18,760,787
Industrial	15,188,293	15,011,992	15,705,160	15,888,141	16,521,717	17,030,903	17,084,427	18,576,307	19,333,954	20,070,972	20,676,799	21,428,667
Others	1,069,072	1,358,549	1,177,437	1,274,783	1,641,317	1,394,977	1,523,466	1,595,892	1,446,257	1,667,527	1,971,349	2,186,459
Total Sales	42,719,994	44,075,959	45,159,402	45,672,173	48,009,038	49,206,114	50,867,841	55,265,769	56,097,591	59,210,618	61,565,612	63,344,785
Own-Use	3,410,464	4,653,913	4,591,167	4,227,443	3,994,270	3,934,746	3,524,366	4,676,820	5,398,480	5,351,152	5,959,405	6,645,831
System Loss	6,810,079	7,227,558	6,817,172	6,884,514	7,608,480	7,680,125	7,542,224	7,800,170	7,679,579	8,360,241	7,740,825	7,270,381
Total Consumption	52,940,537	55,957,430	56,567,741	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

Notes:
Own Use includes Distribution Utilities company used and Power Plants Station Used.
System Losses includes Distribution Utilities losses and Transmission losses (substation used, transformation and other unaccounted losses).
Others includes public buildings, street lights, irrigation, energy recovered and others not elsewhere classified.

**Gross Power Generation by Plant Type*
in MWh**

LUZON	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% Share	
Coal	15,814,345	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	48.17%	
Oil-based	3,625,031	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	4.13%	
Natural Gas	8,770,851	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	32.92%	
Geothermal	5,276,171	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	6.72%	
Hydro	2,900,487	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	7.68%	
Wind	0	0	0	17,469	53,235	57,842	61,386	64,428	61,717	88,204	75,339	65,655	152,052	0.27%	
Biomass								2,752	14,375	43,638	36,839	59,699	65,279	0.11%	
Total Generation	36,386,885	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	100.00%	
VISAYAS	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% Share	
Coal	313,542	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	40.40%	
Oil-based	1,651,665	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	6.95%	
Natural Gas													7,815	0.04%	
Geothermal	4,108,410	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	51.09%	
Hydro	25,197	33,033	34,277	27,196	28,093	29,197	40,047	42,406	35,889	53,117	46,161	36,936	35,475	0.32%	
Biomass								10,957	12,896	71,636	70,844	105,673	116,523	1.06%	
Solar													15,040	0.14%	
Total Generation	6,098,814	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	100.00%	
MINDANAO	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% Share	
Coal	0	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	13.26%	
Oil-based	1,016,537	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	27.42%	
Geothermal	857,912	861,015	909,815	892,863	845,660	867,308	793,700	822,926	834,439	840,956	731,089	742,980	863,542	9.11%	
Hydro	4,107,289	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	50.05%	
Solar	0	0	0	1,517	1,376	1,309	1,304	1,252	1,254	1,212	1,320	1,414	1,477	0.02%	
Biomass											75,136	46,602	13,897	0.15%	
Total Generation	5,981,738	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	100.00%	
PHILIPPINES by Grid	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% Share	
Luzon	36,386,885	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	73.47%	
Visayas	6,098,814	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	14.26%	
Mindanao	5,981,738	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	12.27%	
Total	48,467,436	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	100.00%	
PHILIPPINES by Plant Type	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% Share	
Coal	16,127,886	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	42.78%	
Oil-based	6,293,233	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	7.39%	
Combined Cycle	748,450	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	0.67%	
Diesel	4,560,984	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	6.12%	
Gas Turbine	36,838	41,972	82,277	25,295	193	9,045	36,485	61,972	3,164	0	0	0	0	0.00%	
Oil	946,961	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	0.60%	
Natural Gas	8,770,851	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	24.19%	
Geothermal	10,242,493	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	13.34%	
Hydro	7,032,973	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	11.83%	
Wind	0	0	0	17,469	53,235	57,842	61,386	64,428	61,717	88,204	75,339	65,655	152,052	0.20%	
Solar	0	0	0	1,517	1,376	1,309	1,304	1,252	1,254	1,212	1,320	1,414	1,477	0.02%	
Biomass									13,710	27,270	115,274	182,819	211,973	195,699	0.25%
Total Generation	48,467,436	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	100.00%	

Note:
Generation data includes grid connected, embedded and off-grid generator.

Visayas Sub-grid Generation by Plant Type
in MWh

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
CEBU	1,716,252	1,365,766	1,567,188	1,647,358	1,901,587	2,433,880	3,650,551	4,158,028	4,196,519	3,810,883
Coal	603,903	718,663	848,428	745,686	822,007	1,498,874	3,248,847	3,674,317	3,652,379	3,354,078
Oil-based	1,107,808	641,650	714,027	895,430	1,073,710	929,954	395,441	476,852	531,562	448,060
Diesel	794,363	525,584	571,805	663,255	763,895	649,555	160,792	256,954	263,873	296,725
Gas Turbine	23,862	193	9,045	36,485	61,972	3,164	0	0	0	0
Oil Thermal	289,582	115,873	133,176	195,690	247,843	277,236	234,649	219,899	267,689	151,335
Hydro	4,541	5,454	4,733	6,242	5,869	5,052	6,263	6,858	4,762	4,476
Natural Gas									7,815	4,269
NEGROS	1,422,674	1,379,406	1,459,796	1,344,338	1,356,127	1,425,192	1,452,410	1,600,241	1,552,381	1,742,575
Geothermal	1,420,794	1,376,727	1,457,666	1,342,588	1,343,922	1,410,536	1,403,552	1,572,127	1,490,579	1,657,158
Hydro	1,880	2,679	2,130	1,751	1,248	1,760	1,865	0	167	0
Biomass					10,957	12,896	46,993	28,114	61,635	70,376
Solar										15,040
PANAY	652,438	607,735	727,806	724,791	744,363	786,852	1,042,709	1,266,377	1,283,690	1,392,891
Diesel	652,438	607,735	727,806	724,791	744,363	757,044	234,710	196,911	202,349	251,339
Coal						29,807	783,355	1,026,736	1,037,303	1,095,405
Biomass							24,643	42,730	44,038	46,147
LEYTE-SAMAR	4,848,387	4,725,263	4,290,112	4,858,272	4,642,857	4,361,813	4,212,009	4,358,357	3,972,438	3,970,083
Geothermal	4,846,583	4,723,475	4,289,212	4,856,571	4,641,036	4,360,682	4,212,009	4,358,357	3,972,438	3,970,083
Hydro	1,804	1,788	900	1,701	1,821	1,131	0	0	0	0
BOHOL	23,712	22,685	32,506	50,258	53,516	37,799	49,266	44,833	38,236	42,941
Diesel	4,741	4,513	11,072	19,904	20,047	9,852	4,277	5,530	6,229	11,943
Hydro	18,971	18,172	21,434	30,354	33,469	27,946	44,989	39,303	32,007	30,998
SPUG	34,889	27,868	24,185	24,677	25,849	29,729	48,798	54,879	56,330	54,551
Visayas w/ SPUG	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
Visayas W/out SPUG	8,663,463	8,100,855	8,077,409	8,625,017	8,698,449	9,045,535	10,406,945	11,427,835	11,043,264	10,959,373

Note:

Generation data includes grid connected, embedded and off-grid generator.

**Gross Power Generation by Ownership
in MWh**

LUZON	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% Share
NPC	8,657,765	9,815,942	8,940,873	10,151,183	8,753,565	6,017,617	3,834,285	224,621	527,256	513,973	474,407	212,481	0.37%
NPC-SPUG	362,281	307,956	347,958	395,638	323,106	330,245	346,903	379,619	380,593	313,738	262,604	249,531	0.44%
NPC-IPP	16,551,238	17,388,492	16,802,445	15,697,752	18,186,606	19,591,211	18,598,457	6,691,024	2,160,094	2,285,159	2,068,913	1,972,580	3.47%
Non-NPC	11,963,346	12,341,521	14,535,453	14,996,884	16,356,635	18,260,462	22,195,212	42,969,462	46,949,315	49,199,556	52,013,594	54,331,889	95.71%
Total 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	100.00%
VISAYAS	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% Share
NPC	2,248,367	2,383,809	2,405,941	2,285,094	2,380,146	2,332,300	1,689,843	176,325	42,685	35,028	29,913	21,473	0.19%
NPC-SPUG	28,427	26,107	34,889	27,868	24,185	24,677	25,849	29,729	48,798	31,569	33,020	34,311	0.31%
NPC-IPP	5,013,656	4,987,116	4,783,435	4,567,554	4,254,623	4,983,186	4,967,055	4,482,236	4,173,690	4,273,702	3,581,237	3,363,599	30.54%
Non-NPC	1,551,736	1,619,347	1,474,087	1,248,207	1,442,640	1,309,530	2,041,551	4,386,974	6,190,570	7,142,416	7,455,424	7,594,541	68.95%
Total 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	100.00%
MINDANAO	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% Share
NPC	3,961,534	4,231,058	3,970,988	4,356,036	4,017,307	4,392,914	4,220,812	3,652,342	4,571,806	4,692,101	4,530,854	4,458,471	47.03%
NPC-SPUG	67,985	60,629	79,581	83,379	90,082	93,131	101,474	113,134	113,483	120,821	127,659	132,401	1.40%
NPC-IPP	2,493,262	2,757,354	3,130,882	2,907,359	3,714,700	3,397,821	3,834,457	3,551,259	3,201,999	3,315,987	3,262,174	3,046,097	32.13%
Non-NPC	40,940	38,099	61,207	67,175	68,195	87,891	78,536	1,086,034	815,360	997,962	1,426,043	1,843,623	19.45%
Total 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	100.00%
Total PHILIPPINES	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% Share
NPC	14,867,666	16,430,809	15,317,802	16,792,313	15,151,017	12,742,831	9,744,939	4,053,288	5,141,747	5,241,101	5,035,174	4,692,425	6.07%
NPC-SPUG	458,692	394,691	462,428	506,885	437,372	448,054	474,225	522,482	542,874	466,129	423,283	416,243	0.54%
NPC-IPP	24,058,156	25,132,962	24,716,762	23,172,666	26,155,930	27,972,217	27,399,969	14,724,519	9,535,783	9,874,848	8,912,324	8,382,276	10.85%
Non-NPC	13,556,023	13,998,967	16,070,748	16,312,267	17,867,469	19,657,883	24,315,299	48,442,471	53,955,245	57,339,934	60,895,060	63,770,053	82.54%
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	100.00%

Notes:

- NPC includes generation from power plants owned by NPC
- NPC-SPUG includes generation from power plants owned by NPC and operating in off-grid areas
- NPC-IPP includes generation of IPP's with contract to NPC
- Non-NPC includes generation of IPPs to customers (e.g private DU's, EC's) other than NPC.

**System Peak Demand
(in MW)**

Year	Luzon	% AAGR	Visayas*	% AAGR	Mindanao	% AAGR	Total	% AAGR
							non-coincident peak (Max)	
1985	2,311		256		470		3,037	
1986	2,435	5.37	284	10.94	484	2.98	3,203	5.47
1987	2,592	6.45	307	8.10	533	10.12	3,432	7.15
1988	2,780	7.25	333	8.47	571	7.13	3,684	7.34
1989	2,938	5.68	354	6.31	617	8.06	3,909	6.11
1990	2,973	1.19	380	7.34	621	0.65	3,974	1.66
1991	3,045	2.42	410	7.89	626	0.81	4,081	2.69
1992	3,250	6.73	472	15.12	573	(8.47)	4,295	5.24
1993	3,473	6.86	512	8.47	691	20.59	4,676	8.87
1994	3,561	2.53	557	8.79	696	0.72	4,814	2.95
1995	3,920	10.08	628	12.75	780	12.07	5,328	10.68
1996	4,306	9.85	647	3.03	828	6.15	5,781	8.50
1997	4,773	10.85	725	12.06	852	2.90	6,350	9.84
1998	4,863	1.89	707	(2.48)	868	1.88	6,438	1.39
1999	4,986	2.53	729	3.11	892	2.76	6,607	2.63
2000	5,450	9.31	749	2.74	939	5.27	7,138	8.04
2001	5,646	3.60	898	19.89	953	1.49	7,497	5.03
2002	5,823	3.13	903	0.56	995	4.41	7,721	2.99
2003	6,149	5.60	995	10.19	1,131	13.67	8,275	7.18
2004	6,323	2.83	1,025	3.02	1,177	4.07	8,525	3.02
2005	6,443	1.90	1,037	1.17	1,149	(2.38)	8,629	1.22
2006	6,466	0.36	1,066	2.80	1,228	6.88	8,760	1.52
2007	6,643	2.74	1,102	3.42	1,241	1.09	8,987	2.59
2008	6,674	0.47	1,176	6.68	1,204	(3.04)	9,054	0.75
2009	6,928	3.80	1,241	5.52	1,303	8.27	9,472	4.62
2010	7,656	10.51	1,431	15.31	1,288	(1.18)	10,375	9.53
2011	7,552	(1.36)	1,481	3.49	1,346	4.54	10,379	0.04
2012	7,889	4.46	1,551	4.72	1,321	(1.87)	10,761	3.68
2013	8,305	5.27	1,572	1.35	1,428	8.08	11,305	5.05
2014	8,717	4.96	1,636	4.07	1,469	2.89	11,822	4.58
2005-2014		3.31		4.85		2.33		3.36
2010-2014		4.77		5.79		2.49		4.58

* includes PECO demand

MONTHLY SYSTEM PEAK DEMAND

(in MW)

MONTH	LUZON													
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
JAN	5,119	5,212	5,282	5,511	5,471	5,619	5,819	5,972	6,118	6,407	6,594	7,027	7,079	7,121
FEB	5,157	5,056	5,345	5,701	5,853	5,776	6,115	6,094	6,452	6,878	6,877	7,162	7,214	7,545
MAR	5,384	5,424	5,705	6,065	6,210	6,186	6,157	6,211	6,642	7,057	7,006	7,503	7,720	7,655
APR	5,523	5,589	6,149	6,218	6,266	6,222	6,581	6,663	6,845	7,305	7,056	7,885	8,178	8,267
MAY	5,646	5,823	6,109	6,323	6,443	6,466	6,643	6,485	6,829	7,656	7,538	7,889	8,305	8,717
JUN	5,447	5,750	5,831	5,978	6,348	6,339	6,619	6,674	6,928	7,646	7,552	7,709	8,208	8,607
JUL	5,281	5,652	5,856	6,061	6,039	6,221	6,464	6,559	6,848	7,240	7,438	7,574	8,030	8,265
AUG	5,313	5,604	5,813	5,906	6,107	6,094	6,369	6,403	6,863	7,009	7,200	7,242	7,755	8,230
SEP	5,364	5,559	5,885	6,097	5,998	6,195	6,416	6,496	6,873	7,057	7,107	7,293	7,966	8,005
OCT	5,460	5,687	5,878	5,916	5,843	5,845	6,155	6,627	6,530	7,074	7,255	7,421	7,564	7,993
NOV	5,319	5,712	5,957	5,987	5,889	5,974	6,137	6,492	6,662	6,851	7,223	7,425	7,488	8,033
DEC	5,305	5,707	5,904	5,900	5,910	5,813	6,195	6,376	6,575	6,946	7,178	7,395	7,670	7,996
MAX	5,646	5,823	6,149	6,323	6,443	6,466	6,643	6,674	6,928	7,656	7,552	7,889	8,305	8,717
% AAGR	3.60	3.13	5.60	2.83	1.90	0.36	2.74	0.47	3.80	10.51	-1.36	4.46	5.27	4.96

Source of Data: TransCo and NGCP

MONTHLY SYSTEM PEAK DEMAND

(in MW)

MONTH	VISAYAS													
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
JAN	761	781	797	866	890	906	946	1,067	1,122	1,219	1,324	1,391	1,463	1,331
FEB	747	760	792	839	892	929	969	1,069	1,159	1,199	1,356	1,386	1,446	1,362
MAR	755	765	822	878	899	949	972	1,092	1,166	1,254	1,370	1,370	1,528	1,411
APR	794	826	828	889	916	964	1,007	1,112	1,193	1,308	1,431	1,447	1,548	1,499
MAY	777	842	837	896	928	968	1,015	1,090	1,204	1,364	1,405	1,464	1,572	1,606
JUN	773	818	858	857	926	961	1,078	1,089	1,204	1,344	1,399	1,449	1,555	1,636
JUL	780	803	817	880	931	977	1,090	1,105	1,201	1,323	1,398	1,440	1,543	1,511
AUG	778	793	832	889	919	951	1,100	1,127	1,214	1,310	1,415	1,480	1,207	1,579
SEP	826	790	834	894	911	976	1,094	1,128	1,206	1,341	1,414	1,456	1,547	1,528
OCT	798	780	857	904	917	967	1,088	1,174	1,215	1,333	1,435	1,489	1,520	1,517
NOV	799	790	897	952	943	984	1,101	1,176	1,241	1,402	1,462	1,502	1,518	1,610
DEC	813	842	924	955	967	997	1,102	1,165	1,231	1,431	1,481	1,551	1,350	1,526
MAX	826	842	924	955	967	997	1,102	1,176	1,241	1,431	1,481	1,551	1,572	1,636
% AAGR	10.28	1.94	9.74	3.31	1.28	3.09	10.61	6.68	5.52	15.31	3.49	4.72	1.37	4.04

Source of Data: TransCo and NGCP

* From 2001 to 2006 excludes demand of Panay Electric Company(PPC) in Visayas Grid

Visayas demand increased due to PPC synchronized to the system on 6 June 2007.

MONTHLY SYSTEM PEAK DEMAND

(in MW)

MONTH	MINDANAO													
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
JAN	887	911	946	1,058	1,082	1,062	1,108	1,158	1,143	1,240	1,250	1,270	1,284	1,354
FEB	900	913	918	1,044	1,082	1,077	1,141	1,146	1,163	1,180	1,231	1,191	1,244	1,351
MAR	903	900	978	1,027	1,082	1,088	1,177	1,162	1,158	1,026	1,219	1,244	1,245	1,344
APR	887	927	985	1,051	1,087	1,090	1,167	1,190	1,186	1,009	1,253	1,232	1,226	1,310
MAY	901	920	1,001	1,099	1,055	1,118	1,109	1,159	1,194	1,211	1,253	1,301	1,366	1,339
JUN	897	931	1,021	1,035	1,072	1,100	1,145	1,188	1,220	1,238	1,264	1,309	1,364	1,416
JUL	894	924	976	1,025	1,045	1,093	1,141	1,163	1,198	1,214	1,298	1,289	1,384	1,390
AUG	926	941	980	1,086	1,061	1,119	1,141	1,147	1,208	1,221	1,290	1,306	1,326	1,386
SEP	947	927	995	1,102	1,078	1,090	1,203	1,163	1,217	1,235	1,288	1,268	1,256	1,391
OCT	954	950	1,019	1,134	1,122	1,130	1,193	1,156	1,292	1,263	1,290	1,319	1,219	1,441
NOV	938	965	1,051	1,155	1,149	1,147	1,158	1,204	1,303	1,286	1,326	1,321	1,397	1,469
DEC	933	995	1,131	1,177	1,105	1,228	1,241	1,175	1,282	1,288	1,346	1,318	1,428	1,453
MAX	954	995	1,131	1,177	1,149	1,228	1,241	1,204	1,303	1,288	1,346	1,321	1,428	1,469
% AAGR	1.60	4.30	13.67	4.09	-2.40	6.88	1.09	-3.04	8.27	-1.18	4.54	-1.87	8.08	2.89

Source of Data: TransCo and NGCP

Visayas Sub-grid Coincident Peak Demand, MW

Year	CEBU	% AAGR	NEGROS	% AAGR	PANAY	% AAGR	LEYTE-SAMAR	% AAGR	BOHOL	% AAGR	VISAYAS	% AAGR
1995	248		113		88		116		21		586	
1996	272	9.73	127	12.61	95	7.03	116	0.30	22	5.69	632	7.87
1997	291	7.10	141	10.66	114	20.76	152	30.41	24	7.17	722	14.15
1998	297	2.06	136	(3.70)	114	(0.47)	127	(15.96)	28	15.90	702	(2.79)
1999	333	12.16	152	12.03	81	(28.65)	126	(1.10)	30	8.66	722	2.97
2000	353	6.04	156	2.45	84	3.45	122	(3.25)	32	4.98	746	3.33
2001	377	6.65	151	(2.78)	146	73.92	156	28.09	31	(3.39)	861	15.33
2002	349	(7.40)	178	17.45	113	(22.39)	162	3.91	40	30.88	842	(2.16)
2003	422	20.97	179	0.94	105	(7.61)	175	7.93	41	3.28	923	9.54
2004	417	(1.14)	199	10.86	122	16.68	167	(4.52)	49	18.73	955	3.46
2005	438	4.94	195	(2.03)	120	(1.91)	168	0.65	46	(6.33)	967	1.28
2006	458	4.68	199	1.87	123	2.64	171	1.43	46	0.44	997	3.09
2007	477	4.12	209	5.11	182	48.20	186	8.76	49	5.42	1,102	10.61
2008	522	9.39	218	4.30	203	11.49	182	(2.21)	52	6.17	1,176	6.68
2009	559	7.07	215	(1.13)	223	9.91	188	3.49	56	7.77	1,241	5.52
2010	674	20.56	263	22.29	243	8.68	204	8.33	48	(14.21)	1,431	15.31
2011	704	4.44	245	(6.75)	260	7.25	209	2.81	62	30.83	1,481	3.50
2012	747	6.20	256	4.45	262	0.48	221	5.65	65	3.42	1,551	4.71
2013	780	4.41	253	(1.40)	272	3.82	199	(10.08)	63	(2.25)	1,567	1.01
2014	862	10.45	266	5.38	264	(2.72)	181	(8.74)	62	(2.23)	1,636	4.40
1995-2014		6.97		4.87		7.92		2.94		6.37		5.68
2005-2014		7.63		3.21		8.78		1.01		2.90		5.61
2010-2014		9.21		4.80		3.50		(0.41)		3.11		5.79

Note:

1. November 22, 1998 Panay Electric Co. (PECO) was isolated from the system
2. Negros - Panay (100 MW) was interconnected thru Submarine Cable last October 17, 1990
3. Cebu - Negros was interconnected thru Submarine Cable last January 26, 1994 (Phase I) 100 MW and August 2008 (Phase II) 100 MW
4. Leyte-Cebu was interconnected last 1997 for Phase I (200 MW) and 2005 for Phase II (200 MW)
5. Leyte-Bohol was interconnected last 2000 for Phase I (50 MW) and 2002 for Phase II (50 MW)
6. Panay Power Corporation (PPC) availed ODPS Contract from July 1, 2001 to July 1, 2002
7. Panay demand increased due to PPC synchronized to the system on 6 June 2007
8. From 1998-2006 excludes demand of Panay Electric Co. (PPC) in Visayas Grid
9. New 610 MW Coal-fired power plant (246 MW CEDC, 200 MW KSPC, 164 MW PEDC)
10. Source of data from NGCP