

PHILIPPINE POWER STATISTICS

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Power Consumption by Sector In Gwh																						
Residential	6,249	6,053	6,368	7,282	8,223	9,150	10,477	11,936	11,875	12,894	13,547	13,715	15,357	15,920	16,031	15,830	16,376	16,644	17,504	18,833	18,694	19,695
Commercial	4,847	4,910	4,725	5,865	6,353	7,072	8,013	8,725	8,901	9,512	10,098	10,109	11,106	11,785	12,245	12,679	13,470	14,136	14,756	16,261	16,624	17,777
Industrial	9,339	8,859	9,395	10,684	10,950	11,851	12,531	12,543	12,444	13,191	14,452	13,628	15,188	15,012	15,705	15,888	16,522	17,031	17,084	18,576	19,334	20,071
Others	952	823	721	762	1,067	1,167	1,267	934	921	957	1,042	1,172	1,069	1,359	1,177	1,275	1,641	1,395	1,523	1,596	1,446	1,668
Electricity Sales	21,387	20,645	21,209	24,593	26,593	29,240	32,289	34,138	34,142	36,555	39,140	38,624	42,720	44,076	45,159	45,672	48,009	49,206	50,868	55,266	56,098	59,211
Utilities Own Use	1,086	1,154	1,132	1,132	1,226	1,340	1,471	1,590	1,536	2,390	2,196	1,928	3,410	4,654	4,591	4,227	3,994	3,935	3,524	4,677	5,398	5,351
Power Losses	3,176	4,071	4,238	4,734	5,735	6,128	6,037	5,849	5,754	6,345	5,713	7,915	6,810	7,228	6,817	6,885	7,608	7,680	7,542	7,800	7,680	8,360
Total	25,649	25,870	26,579	30,459	33,554	36,708	39,797	41,578	41,432	45,290	47,049	48,467	52,941	55,957	56,568	56,784	59,612	60,821	61,934	67,743	69,176	72,922
Power Generation by Grid In Gwh																						
Luzon	19,511	19,967	19,902	23,290	25,206	27,688	30,084	31,755	31,745	34,679	36,184	36,387	37,535	39,854	40,627	41,241	43,620	44,200	44,975	50,265	50,017	52,312
Visayas	2,376	2,566	2,813	3,036	3,652	3,991	4,347	4,481	4,441	5,147	5,163	6,099	8,842	9,016	8,698	8,129	8,102	8,650	8,724	9,075	10,456	11,483
Mindanao	3,763	3,337	3,864	4,133	4,695	5,029	5,365	5,343	5,245	5,464	5,703	5,982	6,564	7,087	7,243	7,414	7,890	7,972	8,235	8,403	8,703	9,127
Total	25,649	25,870	26,579	30,459	33,554	36,708	39,797	41,578	41,432	45,290	47,049	48,467	52,941	55,957	56,568	56,784	59,612	60,821	61,934	67,743	69,176	72,922

Power Generation by Source In Gwh, Total Philippines																						
Oil-Based	12,804	13,939	13,867	16,929	19,078	18,288	19,116	18,190	11,799	9,185	9,867	6,293	7,170	8,504	6,141	4,665	5,148	4,868	5,381	7,101	3,398	4,254
Oil-Thermal	9,910	10,057	7,341	7,582	7,904	8,083	8,670	7,207	5,392	2,560	3,528	947	1,180	1,431	309	274	324	658	909	1,364	512	695
Diesel	874	1,181	2,074	4,440	7,044	6,855	6,736	7,169	4,326	5,028	4,473	4,561	5,509	6,253	5,717	4,152	4,162	3,660	3,771	4,532	2,762	3,332
Gas Turbines/CC	2,020	2,701	4,452	4,907	4,130	3,350	3,709	3,814	2,080	1,597	1,865	785	481	821	116	239	662	550	700	1,205	124	227
Hydro	5,145	4,440	5,030	5,862	6,232	7,030	6,069	5,066	7,840	7,799	7,104	7,033	7,870	8,593	8,387	9,939	8,563	9,843	9,788	7,803	6,998	10,252
Geothermal	5,758	5,700	5,667	6,320	6,135	6,534	7,237	8,914	10,594	11,626	10,442	10,242	9,822	10,282	9,902	10,465	10,215	10,723	10,324	9,929	9,942	10,250
Coal	1,942	1,791	2,015	1,348	2,109	4,855	7,363	9,388	11,183	16,663	18,789	16,128	14,939	16,194	15,257	15,294	16,837	15,749	16,476	23,301	25,342	28,265
Other Renewable(Wind,Solar,Biomass)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						19	55	59	63	79	90	205	259
Natural Gas							12	20	16	17	848	8,771	13,139	12,384	16,861	16,366	18,789	19,576	19,887	19,518	20,591	19,642
Total	25,649	25,870	26,579	30,459	33,554	36,708	39,797	41,578	41,432	45,290	47,049	48,467	52,941	55,957	56,568	56,784	59,612	60,821	61,934	67,743	69,176	72,922

Installed Generating Capacity In MW																						
Oil Based	3,341	3,399	4,296	5,335	5,425	5,844	5,973	5,568	4,839	4,987	3,905	3,526.57	3,604.1	3,669.2	3,663	3,602	3,616	3,353	3,193	3,193	2,994	3,074
Hydro	2,155	2,257	2,259	2,254	2,303	2,303	2,303	2,304	2,304	2,301	2,518	2,518.07	2,867.1	3,217.1	3,222	3,257	3,289	3,291	3,291	3,400	3,491	3,521
Geothermal	888	888	963	1,074	1,154	1,446	1,886	1,856	1,931	1,931	1,931	1,931.48	1,931.5	1,931.5	1,978	1,978	1,958	1,958	1,953	1,966	1,783	1,848
Coal	405	405	441	550	850	1,600	2,200	3,355	3,963	3,963	3,963	3,963	3,958.3	3,967.1	3,967	4,177	4,213	4,213	4,277	4,867	4,917	5,568
New RE							NA	NA	NA	NA					26	26	26	34	64	73	117	153
Natural Gas								3	3	1,063	2,763	2,763	2,763.0	2,763.0	2,763	2,763	2,834	2,831	2,831	2,861	2,861	2,862
Total	6,789	6,949	8,014	9,212	9,732	11,193	11,762	11,931	12,431	13,185	13,380	14,702	15,124	15,548	15,619	15,803	15,937	15,681	15,610	16,359	16,162	17,025

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.

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

LUZON	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
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
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
Diesel	2,166,500	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
Gas Turbine	29,338	1,737	183	1,433	0	0	0	0	0	0	0
Oil Thermal	680,743	838,268	1,164,000	18,826	157,478	191,182	462,051	631,203	1,081,749	276,807	473,844
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
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
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
Wind	0	0	0	17,469	53,235	57,842	61,386	64,428	61,717	88,204	75,339
Biomass								2,752	14,375	43,638	36,839
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
VISAYAS	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
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
Diesel	1,378,402	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
Gas Turbine	7,499	40,236	82,094	23,862	193	9,045	36,485	61,972	3,164	0	0
Oil Thermal	265,763	339,582	266,231	289,582	115,873	133,176	195,690	247,843	277,236	234,649	219,899
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
Hydro	25,197	33,033	34,277	27,196	28,093	29,197	40,047	42,406	35,889	53,117	46,161
Biomass								10,957	12,896	71,636	70,844
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

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

MINDANAO	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
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
Diesel	1,016,082	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
Oil	455	2,129	299	155	242	93	278	29,840	5,126	256	837
Geothermal	857,912	861,015	909,815	892,863	845,660	867,308	793,700	822,926	834,439	840,956	731,089
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
Solar	0	0	0	1,517	1,376	1,309	1,304	1,252	1,254	1,212	1,320
Biomass											75,136
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
PHILIPPINES by Grid	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
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
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
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
PHILIPPINES by Plant Type	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
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
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
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
Gas Turbine	36,838	41,972	82,277	25,295	193	9,045	36,485	61,972	3,164	0	0
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
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
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
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
Wind	0	0	0	17,469	53,235	57,842	61,386	64,428	61,717	88,204	75,339
Solar	0	0	0	1,517	1,376	1,309	1,304	1,252	1,254	1,212	1,320
Biomass								13,710	27,270	115,274	182,819
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

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
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
Coal	603,903	718,663	848,428	745,686	822,007	1,498,874	3,248,847	3,674,317
Oil-based	1,107,808	641,650	714,027	895,430	1,073,710	929,954	395,441	476,852
Diesel	794,363	525,584	571,805	663,255	763,895	649,555	160,792	256,954
Gas Turbine	23,862	193	9,045	36,485	61,972	3,164	0	0
Oil Thermal	289,582	115,873	133,176	195,690	247,843	277,236	234,649	219,899
Hydro	4,541	5,454	4,733	6,242	5,869	5,052	6,263	6,858
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
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
Hydro	1,880	2,679	2,130	1,751	1,248	1,760	1,865	0
Biomass					10,957	12,896	46,993	28,114
PANAY	652,438	607,735	727,806	724,791	744,363	786,852	1,042,709	1,266,377
Diesel	652,438	607,735	727,806	724,791	744,363	757,044	234,710	196,911
Coal						29,807	783,355	1,026,736
Biomass							24,643	42,730
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
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
Hydro	1,804	1,788	900	1,701	1,821	1,131	0	0
BOHOL	23,712	22,685	32,506	50,258	53,516	37,799	49,266	44,833
Diesel	4,741	4,513	11,072	19,904	20,047	9,852	4,277	5,530
Hydro	18,971	18,172	21,434	30,354	33,469	27,946	44,989	39,303
SPUG	34,889	27,868	24,185	24,677	25,849	29,729	48,798	54,879
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
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

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
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
NPC-SPUG	362,281	307,956	347,958	395,638	323,106	330,245	346,903	379,619	380,593	313,738
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
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
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
VISAYAS	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
NPC-SPUG	28,427	26,107	34,889	27,868	24,185	24,677	25,849	29,729	48,798	31,569
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
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
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
MINDANAO	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
NPC-SPUG	67,985	60,629	79,581	83,379	90,082	93,131	101,474	113,134	113,483	120,821
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
Non-NPC	40,940	38,099	61,207	67,175	68,195	87,891	78,536	1,086,034	815,360	997,962
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
Total PHILIPPINES	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
NPC-SPUG	458,692	394,691	462,428	506,885	437,372	448,054	474,225	522,482	542,874	466,129
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
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
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

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.

Electricity Sales and Consumption by Sector
In MWh

Luzon	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
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
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
Others	547,072	622,797	588,557	711,883	768,443	791,669	794,033	809,417	779,129	810,429
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
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
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
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
Visayas	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
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
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
Others	245,000	376,787	319,986	264,807	454,767	292,585	312,654	430,941	335,571	521,270
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
Own-Use	484,481	661,113	679,446	606,006	574,113	588,755	564,887	665,184	996,146	1,092,227
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
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
Mindanao	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
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
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
Others	277,000	358,964	268,893	298,094	418,107	310,723	416,779	355,534	331,557	335,829
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
Own-Use	100,208	136,743	173,315	177,649	279,436	276,772	293,218	282,261	288,559	306,426
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
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
Philippines	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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
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
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
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
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
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
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
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

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.

**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	5.4	284	10.9	484	3.0	3,203	5.5
1987	2,592	6.4	307	8.1	533	10.1	3,432	7.1
1988	2,780	7.3	333	8.5	571	7.1	3,684	7.3
1989	2,938	5.7	354	6.3	617	8.1	3,909	6.1
1990	2,973	1.2	380	7.3	621	0.6	3,974	1.7
1991	3,045	2.4	410	7.9	626	0.8	4,081	2.7
1992	3,250	6.7	472	15.1	573	(8.5)	4,295	5.2
1993	3,473	6.9	512	8.5	691	20.6	4,676	8.9
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
2003-2012		3.13		5.63		3.00		3.41
2008-2012		3.58		7.15		1.34		3.72

* includes PECO demand

SYSTEM PEAK
(in MW)

MONTH	LUZON												VISAYAS												MINDANAO											
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
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	761	781	797	866	890	906	946	1,067	1,122	1,219	1,324	1,391	887	911	946	1,058	1,082	1,062	1,108	1,158	1,143	1,240	1,250	1,270
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	747	760	792	839	892	929	969	1,069	1,159	1,199	1,356	1,386	900	913	918	1,044	1,082	1,077	1,141	1,146	1,163	1,180	1,231	1,191
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	755	765	822	878	899	949	972	1,092	1,166	1,254	1,370	1,370	903	900	978	1,027	1,082	1,088	1,177	1,162	1,158	1,026	1,219	1,244
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	794	826	828	889	916	964	1,007	1,112	1,193	1,308	1,431	1,447	887	927	985	1,051	1,087	1,090	1,167	1,190	1,186	1,009	1,253	1,232
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	777	842	837	896	928	968	1,015	1,090	1,204	1,364	1,405	1,464	901	920	1,001	1,099	1,055	1,118	1,109	1,159	1,194	1,211	1,253	1,301
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	773	818	858	857	926	961	1,078	1,089	1,204	1,344	1,399	1,449	897	931	1,021	1,035	1,072	1,100	1,145	1,188	1,220	1,238	1,264	1,309
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	780	803	817	880	931	977	1,090	1,105	1,201	1,323	1,398	1,440	894	924	976	1,025	1,045	1,093	1,141	1,163	1,198	1,214	1,298	1,289
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	778	793	832	889	919	951	1,100	1,127	1,214	1,310	1,415	1,480	926	941	980	1,086	1,061	1,119	1,141	1,147	1,208	1,221	1,290	1,306
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	826	790	834	894	911	976	1,094	1,128	1,206	1,341	1,414	1,456	947	927	995	1,102	1,078	1,090	1,203	1,163	1,217	1,235	1,288	1,268
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	798	780	857	904	917	967	1,088	1,174	1,215	1,333	1,435	1,489	954	950	1,019	1,134	1,122	1,130	1,193	1,156	1,292	1,263	1,290	1,319
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	799	790	897	952	943	984	1,101	1,176	1,241	1,402	1,462	1,502	938	965	1,051	1,155	1,149	1,147	1,158	1,204	1,303	1,286	1,326	1,321
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	813	842	924	955	967	997	1,102	1,165	1,231	1,431	1,481	1,551	933	995	1,131	1,177	1,105	1,228	1,241	1,175	1,282	1,288	1,346	1,318
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	826	842	924	955	967	997	1,102	1,176	1,241	1,431	1,481	1,551	954	995	1,131	1,177	1,149	1,228	1,241	1,204	1,303	1,288	1,346	1,321
% 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	10.28	1.94	9.74	3.31	1.28	3.09	10.61	6.68	5.52	15.31	3.49	4.72	1.60	4.30	13.67	4.09	-2.40	6.88	1.09	-3.04	8.27	-1.18	4.54	-1.87

Source of Data: TransCo

* 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.

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	9.7	127	12.6	95	7.0	116	0.3	22	5.7	632	7.9
1997	291	7.1	141	10.7	114	20.8	152	30.4	24	7.2	722	14.2
1998	297	2.1	136	-3.7	114	-0.5	127	-16.0	28	15.9	702	-2.8
1999	333	12.2	152	12.0	81	-28.6	126	-1.1	30	8.7	722	3.0
2000	353	6.0	156	2.5	84	3.4	122	-3.3	32	5.0	746	3.3
2001	377	6.6	151	-2.8	146	73.9	156	28.1	31	-3.4	861	15.3
2002	349	-7.4	178	17.4	113	-22.4	162	3.9	40	30.9	842	-2.2
2003	422	21.0	179	0.9	105	-7.6	175	7.9	41	3.3	923	9.5
2004	417	-1.1	199	10.9	122	16.7	167	-4.5	49	18.7	955	3.5
2005	438	4.9	195	-2.0	120	-1.9	168	0.7	46	-6.3	967	1.3
2006	458	4.7	199	1.9	123	2.6	171	1.4	46	0.4	997	3.1
2007	477	4.1	209	5.1	182	48.2	186	8.8	49	5.4	1,102	10.6
2008	522	9.4	218	4.3	203	11.5	182	-2.2	52	6.2	1,176	6.7
2009	559	7.1	215	-1.1	223	9.9	188	3.5	56	7.8	1,241	5.5
2010	674	20.6	263	22.3	243	8.7	204	8.3	48	-14.2	1,431	15.3
2011	704	4.4	245	-6.7	260	7.2	209	2.8	62	30.8	1,481	3.5
2012	747	6.2	256	4.4	262	0.5	221	5.7	65	3.4	1,551	4.7
1995-2012		6.9		5.2		8.8		4.4		7.4		6.0
2003-2012		8.1		4.0		9.6		3.2		5.6		6.4
2008-2012		9.5		4.6		7.6		3.6		6.8		7.1

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