

2015 PHILIPPINE POWER STATISTICS



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
Power Consumption by Sector																											
In Gwh																											
Residential	5,609	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	20,614	20,969	22,747	
Commercial	4,695	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	18,304	18,761	20,085	
Industrial	9,943	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	20,677	21,429	22,514	
Others	966	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	1,971	2,186	2,462	
Electricity Sales	21,213	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	61,566	63,345	67,808	
Utilities Own Use	1,134	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	5,959	6,461	7,124	
Power Losses	3,980	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	7,741	7,455	7,481	
Total	26,327	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	75,266	77,261	82,413	
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	44,972	50,250	49,974	52,276	54,820	56,766	60,113	
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	11,100	11,014	12,170	
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	9,347	9,481	10,130	
Total	0	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	61,932	67,728	69,132	72,885	75,266	77,261	82,413	
Power Generation by Source																											
In Gwh, Total Philippines																											
Oil-Based	12,434	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	4,491	5,708	5,886	
Oil-Thermal	12,434	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	438	463	80	
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	3,805	4,730	5,521	
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	247	515	286	
Hydro	6,062	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	9,698	10,252	10,019	9,137	8,665	
Geothermal	5,466	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	9,605	10,308	11,044	
Coal	1,934	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	32,081	33,054	36,686	
Other Renewable(Wind,Solar,Biomass)	431	N/A	N/A	N/A	N/A	N/A	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	279	364	1,254	
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	18,791	18,690	18,878	
Total	25,896	25,649	25,870	26,579	30,459	33,554	36,707	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	75,266	77,261	82,413	
Installed Generating Capacity																											
In MW																											
Oil Based	3,136	3,341	3,399	4,296	5,335	5,425	5,844	5,973	5,568	4,839	4,987	3,905	3,527	3,604	3,669	3,663	3,602	3,616	3,353	3,193	3,193	2,994	3,074	3,353	3,476	3,610	
Hydro	2,153	2,155	2,257	2,259	2,254	2,303	2,303	2,304	2,304	2,301	2,518	2,518	2,867	3,217	3,222	3,257	3,289	3,291	3,400	3,491	3,400	3,491	3,521	3,521	3,543	3,600	
Geothermal	888	888	888	963	1,074	1,154	1,446	1,886	1,856	1,931	1,931	1,931	1,932	1,932	1,978	1,978	1,958	1,958	1,953	1,966	1,783	1,848	1,868	1,918	1,917		
Coal	525	405	405	441	550	850	1,600	1,600	2,200	3,355	3,963	3,963	3,963	3,958	3,967	3,967	4,177	4,213	4,277	4,867	4,917	5,568	5,568	5,708	5,963		
New RE	167	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0	0	0	0	26	26	26	34	64	73	117	153	153	437	813	
Natural Gas	0	0	0	0	0	0	0	0	3	3	3	1,063	2,763	2,763	2,763	2,763	2,763	2,834	2,831	2,831	2,861	2,861	2,862	2,862	2,862		
Total	6,869	6,789	6,949	7,959	9,213	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	17,325	17,944	18,765	

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.
 Released 29 May 2016