

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Power Consumption by Sector																	
In GWh																	
Residential	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	25,631	26,782	28,261	30,552
Commercial	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	21,770	22,768	24,016	25,476
Industrial	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	24,117	25,573	27,587	28,194
Others	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	2,634	2,670	2,753	2,897
Electricity Sales	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	74,153	77,793	82,617	87,118
Utilities Own Use	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	8,357	8,316	8,141	8,929
System Losses	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	8,288	8,262	9,007	9,994
Total	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	90,798	94,370	99,765	106,041

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Power Generation by Grid																	
In GWh																	
Luzon	37,535	39,854	40,627	41,241	43,620	44,200	44,975	50,265	50,017	52,312	54,820	56,766	60,113	66,498	68,512	72,728	76,177
Visayas	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	12,955	14,054	14,266	16,060
Mindanao	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	11,345	11,804	12,770	13,805
Total	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	90,798	94,370	99,765	106,041

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Power Generation by Source																	
In GWh, Total Philippines																	
Coal	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	43,303	46,847	51,932	57,890
Oil-Based	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	5,661	3,787	3,173	3,752
Combined Cycle	439	738	91	239	653	513	639	1,202	124	227	247	515	276	694	405	522	728
Diesel	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	4,722	3,100	2,505	2,815
Gas Turbine	42	82	25	0	9	36	62	3	0	0	0	0	0	0	0	0	26
Oil Thermal	1,180	1,431	309	274	324	658	909	1,364	512	695	438	463	80	245	282	145	184
Natural Gas	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	19,854	20,547	21,334	22,354
Renewable Energy (RE)	17,692	18,874	18,308	20,459	18,837	20,628	20,191	17,823	19,845	20,762	19,903	19,810	20,963	21,979	23,189	23,326	22,044
Geothermal	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	11,070	10,270	10,435	10,691
Hydro	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	8,111	9,611	9,384	8,025
Biomass	0	0	0	0	0	0	14	27	115	183	212	196	367	726	1,013	1,105	1,040
Solar	0	0	2	1	1	1	1	1	1	1	1	17	139	1,097	1,201	1,249	1,246
Wind	0	0	17	53	58	61	64	62	88	75	66	152	748	975	1,094	1,153	1,042
Total	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	90,798	94,370	99,765	106,041

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Installed Generating Capacity																	
In MW																	
Coal	3,958	3,967	3,967	4,177	4,213	4,213	4,277	4,867	4,917	5,568	5,568	5,708	5,963	7,419	8,049	8,844	10,417
Oil Based	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	3,616	4,153	4,292	4,262
Natural Gas	2,763	2,763	2,763	2,763	2,834	2,831	2,831	2,861	2,861	2,862	2,862	2,862	2,862	3,431	3,447	3,453	3,453
Renewable Energy (RE)	4,799	5,149	5,226	5,261	5,277	5,284	5,309	5,437	5,391	5,521	5,541	5,898	6,330	6,958	7,079	7,227	7,399
Geothermal	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	1,916	1,916	1,944	1,928
Hydro	2,867	3,217	3,222	3,257	3,293	3,291	3,291	3,400	3,491	3,521	3,521	3,543	3,600	3,618	3,627	3,701	3,760
Biomass	0	0	0	0	0	0	30	38	83	119	119	131	221	233	224	258	363
Solar	0	0	0	1	1	1	1	1	1	1	1	23	165	765	885	896	921
Wind	0	0	25	25	25	33	33	33	33	33	33	283	427	427	427	427	427
Total	15,124	15,548	15,619	15,803	15,941	15,681	15,610	16,358	16,162	17,025	17,325	17,944	18,765	21,423	22,728	23,815	25,531

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Dependable Generating Capacity																	
In MW																	
Coal	3,691	3,696	3,432	3,638	3,467	3,412	3,813	4,245	4,651	5,206	5,206	5,378	5,613	6,979	7,674	8,368	9,743
Oil Based	3,175	3,216	3,043	2,879	2,670	2,702	2,528	2,488	2,579	2,561	2,846	2,705	2,734	2,821	3,286	2,995	3,015
Natural Gas	2,703	2,703	2,703	2,703	2,703	2,562	2,700	2,756	2,770	2,760	2,760	2,760	2,759	3,291	3,291	3,286	3,286
Renewable Energy (RE)	3,835	4,178	4,417	4,419	4,639	4,372	4,278	4,413	4,477	4,539	4,559	4,789	5,325	6,005	6,264	6,592	6,691
Geothermal	1,568	1,568	1,683	1,683	1,667	1,388	1,321	1,351	1,434	1,462	1,482	1,607	1,601	1,689	1,752	1,770	1,792
Hydro	2,267	2,610	2,723	2,726	2,962	2,950	2,914	3,021	2,963	2,983	2,983	2,982	3,073	3,181	3,269	3,473	3,508
Biomass	0	0	0	0	0	0	10	20	46	76	76	81	146	157	160	182	227
Solar	0	0	1	1	1	1	1	1	1	0	0	17	125	594	700	740	737
Wind	0	0	9	9	9	33	33	20	33	17	17	103	379	383	383	427	427
Total	13,404	13,792	13,595	13,639	13,479	13,049	13,319	13,902	14,477	15,066	15,371	15,633	16,432	19,097	20,515	21,241	22,736

Note: *IPPs generation included in the utility

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

2019 capacity mix includes off-grid capacities

Installed Capacity - nameplate capacity; full-load continuous gross capacity of a unit under specified conditions, as calculated from the electric generator nameplate based on the rated

Dependable Capacity - maximum capacity when modified for ambient limitations for a specified period of time, such as a month or a season.

Gross Generation - the total amount of electric energy produced by generating units and measured at the generating terminal