



2022 POWER STATISTICS

Installed Capacity per Grid, by Plant Type
In MW

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	% Share - 2022	
Luzon																						
Coal	3,769	3,769	3,769	3,769	3,783	3,783	3,849	3,849	3,879	4,531	4,531	4,671	4,812	5,294	5,625	6,264	6,929	7,280	8,005	8,748	44.3%	
Oil Based	2,514	2,514	2,404	2,333	2,363	2,100	1,984	1,984	1,757	1,778	2,020	2,033	2,133	2,133	2,518	2,612	2,585	2,642	2,379	2,357	11.9%	
Natural Gas	2,763	2,763	2,763	2,763	2,834	2,831	2,831	2,861	2,861	2,861	2,861	2,861	2,861	3,430	3,446	3,452	3,452	3,452	3,452	3,731	18.9%	
Renewable Energy (RE)	2,765	3,115	3,192	3,226	3,194	3,199	3,199	3,287	3,242	3,358	3,378	3,649	3,863	4,120	4,156	4,222	4,320	4,466	4,721	4,909	24.9%	
Geothermal	907	907	954	954	886	886	886	886	899	751	824	844	844	844	843	843	871	865	865	865	4.4%	
Hydro	1,858	2,208	2,213	2,247	2,284	2,281	2,280	2,346	2,440	2,462	2,462	2,471	2,528	2,537	2,527	2,547	2,593	2,593	2,567	2,542	12.9%	
Biomass	0	0	0	0	0	0	1	9	17	38	38	50	83	95	87	106	164	195	195	206	1.0%	
Solar	0	0	0	0	0	0	0	0	0	0	0	0	70	307	362	362	460	757	959	959	4.9%	
Wind	0	0	25	25	25	33	33	33	33	33	33	283	337	337	337	337	337	353	337	337	1.7%	
Total	11,812	12,162	12,128	12,092	12,174	11,913	11,863	11,981	11,739	12,528	12,790	13,213	13,668	14,977	15,743	16,549	17,286	17,840	18,557	19,744	100.0%	
BESS																	11	11	10	73		
Off Grid																			509	516		
Visayas																						
Coal	189	198	198	198	198	198	196	786	806	806	806	806	769	1,054	1,054	1,059	1,399	1,399	1,399	1,412	35.6%	
Oil Based	530	596	668	678	659	659	615	615	615	670	670	670	670	655	730	738	742	705	657	644	16.2%	
Natural Gas	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0.0%	
Renewable Energy (RE)	927	927	927	927	976	977	1,007	1,006	981	971	971	1,043	1,242	1,574	1,640	1,652	1,667	1,757	1,757	1,914	48.2%	
Geothermal	916	916	916	916	964	964	964	964	923	915	915	965	965	965	965	965	955	955	955	975	24.5%	
Hydro	12	12	12	12	12	13	13	13	13	11	11	11	11	20	20	19	19	21	21	21	36	0.9%
Biomass	0	0	0	0	0	0	29	29	44	44	44	44	101	101	101	102	127	216	216	326	8.2%	
Solar	0	0	0	0	0	0	0	0	0	0	0	22	75	399	465	476	476	476	476	487	12.3%	
Wind	0	0	0	0	0	0	0	0	0	0	0	0	90	90	90	90	90	90	90	90	2.3%	
Total	1,647	1,721	1,793	1,803	1,833	1,835	1,818	2,407	2,402	2,448	2,448	2,520	2,683	3,284	3,425	3,450	3,809	3,863	3,814	3,972	100.0%	
BESS																				22		
Off Grid																			46	66		
Mindanao																						
Coal	0	0	0	210	232	232	232	232	232	232	232	232	382	1,070	1,370	1,521	2,089	2,264	2,264	2,268	49.9%	
Oil Based	559	559	591	591	594	594	594	594	622	625	663	773	807	828	906	942	936	889	811	833	18.3%	
Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
Renewable Energy (RE)	1,106	1,106	1,107	1,107	1,107	1,107	1,103	1,145	1,168	1,192	1,192	1,206	1,225	1,264	1,284	1,353	1,412	1,394	1,436	1,441	31.7%	
Geothermal	108	108	108	108	108	108	103	103	108	108	108	108	108	108	108	108	108	108	108	112	2.5%	
Hydro	998	998	998	998	998	998	998	1,040	1,038	1,047	1,047	1,061	1,061	1,061	1,080	1,134	1,147	1,165	1,165	1,166	25.7%	
Biomass	0	0	0	0	0	0	0	0	21	36	36	36	36	36	36	51	73	37	79	79	1.7%	
Solar	0	0	1	1	1	1	1	1	1	1	1	1	20	59	59	59	84	84	84	84	1.8%	
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
Total	1,665	1,665	1,698	1,908	1,933	1,933	1,929	1,971	2,022	2,049	2,087	2,211	2,414	3,162	3,559	3,815	4,436	4,548	4,511	4,542	100.0%	
BESS																				49		
Off Grid																			81	91		
Philippines																						
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	10,944	11,669	12,428	44.0%	
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	4,237	3,847	3,834	13.6%	
Natural Gas	2,763	2,763	2,763	2,763	2,834	2,831	2,831	2,861	2,861	2,861	2,861	2,861	2,861	3,431	3,447	3,453	3,453	3,453	3,453	3,732	13.2%	
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	7,617	7,914	8,264	29.2%	
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	1,928	1,928	1,952	6.9%	
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	3,779	3,752	3,745	13.3%	
Biomass	0	0	0	0	0	0	30	38	83	119	119	131	221	233	224	258	363	447	489	611	2.2%	
Solar	0	0	1	1	1	1	1	1	1	1	1	23	165	765	885	896	921	1,019	1,317	1,530	5.4%	
Wind	0	0	25	25	25	33	33	33	33	33	33	283	427	427	427	427	427	443	427	427	1.5%	
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	23,915	25,531	26,250	26,882	28,258	100.0%	
BESS																	11	11	10	145		
Off Grid																			636	674		



2022 POWER STATISTICS

Dependable Capacity per Grid, by Plant Type
In MW

Luzon	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	% Share - 2022
Coal	3,551	3,551	3,287	3,287	3,112	3,056	3,450	3,531	3,664	4,219	4,219	4,391	4,512	4,970	5,404	5,970	6,520	6,855	7,523	8,170	50.1%
Oil Based	2,236	2,236	2,059	1,928	1,713	1,742	1,617	1,586	1,633	1,586	1,736	1,507	1,585	1,655	1,977	1,715	1,739	1,748	1,436	1,639	10.0%
Natural Gas	2,703	2,703	2,703	2,703	2,703	2,562	2,700	2,756	2,770	2,759	2,759	2,759	2,759	3,291	3,291	3,286	3,286	3,286	3,286	2,081	12.8%
Renewable Energy (RE)	2,031	2,381	2,547	2,548	2,783	2,507	2,464	2,626	2,757	2,785	2,805	2,965	3,322	3,684	3,758	4,002	4,053	4,121	4,296	4,429	27.1%
Geothermal	604	604	727	726	714	439	431	500	587	587	607	692	691	777	782	805	824	769	769	769	4.7%
Hydro	1,428	1,778	1,811	1,813	2,059	2,035	1,999	2,101	2,124	2,147	2,147	2,131	2,224	2,323	2,351	2,475	2,498	2,499	2,473	2,416	14.8%
Biomass	0	0	0	0	0	0	1	5	13	34	34	39	60	71	66	84	105	131	131	141	0.9%
Solar	0	0	0	0	0	0	0	0	0	0	0	0	54	220	265	301	289	369	586	767	4.7%
Wind	0	0	0	9	9	33	33	20	33	17	17	103	293	293	293	337	337	337	337	337	2.1%
Total	10,521	10,871	10,596	10,466	10,311	9,868	10,230	10,498	10,824	11,349	11,519	11,622	12,179	13,600	14,430	14,973	15,598	16,010	16,541	16,320	100.0%
BESS																		11	11	10	73
Off Grid																				396	419

Visayas	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	% Share - 2022
Coal	140	145	145	140	155	155	153	501	777	777	777	777	761	1,050	1,050	1,043	1,349	1,349	1,349	1,293	6.6%
Oil Based	416	507	493	459	479	482	426	464	476	505	505	505	425	434	499	502	505	516	480	514	2.6%
Natural Gas	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0.0%
Renewable Energy (RE)	868	868	868	868	865	862	813	779	784	820	820	877	1,042	1,329	1,454	1,454	1,452	1,503	1,503	1,532	7.8%
Geothermal	856	856	856	856	853	849	792	751	745	777	777	817	813	813	870	865	865	881	881	888	4.5%
Hydro	12	12	12	12	12	13	13	13	13	11	11	11	11	18	18	19	19	20	20	26	0.1%
Biomass	0	0	0	0	0	0	9	15	26	32	32	32	77	77	84	85	97	131	131	213	1.1%
Solar	0	0	0	0	0	0	0	0	0	0	0	17	56	331	392	396	381	381	381	331	1.7%
Wind	0	0	0	0	0	0	0	0	0	0	0	0	86	90	90	90	90	90	90	75	0.4%
Total	1,424	1,520	1,506	1,467	1,498	1,499	1,392	1,745	2,037	2,103	2,103	2,160	2,228	2,813	3,002	3,000	3,306	3,369	3,333	3,340	16.9%
BESS																				0	22
Off Grid																				35	58

Mindanao	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	% Share - 2022
Coal	0	0	0	210	200	201	210	212	210	210	210	210	340	959	1,220	1,355	1,874	2,041	2,041	2,041	10.3%
Oil Based	524	473	491	491	478	478	485	438	469	470	605	680	724	733	811	778	771	790	734	707	3.6%
Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Renewable Energy (RE)	936	929	1,002	1,004	992	1,003	1,001	1,008	937	934	934	948	961	993	1,052	1,136	1,186	1,201	1,206	1,190	6.0%
Geothermal	108	108	100	101	100	100	98	100	102	98	98	98	98	100	100	100	103	103	103	106	0.5%
Hydro	828	821	901	902	891	902	902	907	827	826	826	840	837	840	899	978	991	1,007	1,007	1,003	5.1%
Biomass	0	0	0	0	0	0	0	0	7	10	10	10	10	10	10	14	25	23	29	29	0.1%
Solar	0	0	1	1	1	1	1	1	1	0	0	0	15	43	43	44	67	67	67	52	0.3%
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Total	1,460	1,402	1,493	1,705	1,670	1,682	1,697	1,658	1,616	1,614	1,749	1,838	2,025	2,684	3,083	3,269	3,832	4,031	3,981	3,938	19.9%
BESS																				0	49
Off Grid																				64	71

Philippines	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	% Share - 2022
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	10,245	10,913	11,504	58.3%
Oil Based	3,175	3,216	3,043	2,878	2,670	2,702	2,528	2,488	2,579	2,561	2,846	2,692	2,734	2,821	3,286	2,995	3,015	3,054	2,650	2,860	14.5%
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	3,286	3,286	2,081	10.5%
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	6,825	7,005	7,151	36.2%
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	1,753	1,753	1,763	8.9%
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	3,527	3,500	3,444	17.4%
Biomass	0	0	0	0	0	0	10	20	46	76	76	81	146	157	160	182	227	285	291	382	1.9%
Solar	0	0	1	1	1	1	1	1	1	0	0	17	125	594	700	740	737	817	1,034	1,150	5.8%
Wind	0	0	9	9	9	33	33	20	33	17	17	103	379	383	383	427	427	443	427	412	2.1%
Total	13,404	13,792	13,595	13,638	13,479	13,049	13,319	13,902	14,477	15,066	15,371	15,620	16,432	19,097	20,515	21,241	22,736	23,410	23,855	23,598	119.5%
BESS																				11	145
Off Grid																				495	548

- Notes:
1. Grid-connected and embedded generation facilities included
 2. Offgrid capacity will be separated starting 2021
 3. Based on the List of Existing Power Plants as of December 2022
 4. 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 power factor.
 5. Dependable Capacity - maximum capacity when modified for ambient limitations for a specified period of time, such as a month or a season.