



Installed Generating Capacity per Grid
In MW, 2018

LUZON

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	% Share
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	37.8%
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	15.8%
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	20.9%
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	25.5%
Geothermal	907	907	954	954	886	886	886	899	751	824	844	844	844	843	843	871	5.3%
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	15.4%
Biomass	0	0	0	0	0	0	1	9	17	38	38	50	83	95	87	106	0.6%
Solar	0	0	0	0	0	0	0	0	0	0	0	0	70	307	362	362	2.2%
Wind	0	0	25	25	25	33	33	33	33	33	33	283	337	337	337	2.0%	
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	100.0%

VISAYAS

Coal	189	198	198	198	198	198	196	786	806	806	806	806	769	1,054	1,054	1,059	30.7%
Oil Based	530	596	668	678	659	659	615	615	615	670	670	670	670	655	730	738	21.4%
Natural Gas	0	0	0	0	0	0	0	0	0	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	47.9%
Geothermal	916	916	916	916	964	964	964	964	923	915	915	965	965	965	965	965	28.0%
Hydro	12	12	12	12	12	13	13	13	13	11	11	11	11	20	20	19	0.6%
Biomass	0	0	0	0	0	0	29	29	44	44	44	44	101	101	101	102	3.0%
Solar	0	0	0	0	0	0	0	0	0	0	0	22	75	399	465	476	13.8%
Wind	0	0	0	0	0	0	0	0	0	0	0	0	90	90	90	90	2.6%
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	100.0%

MINDANAO

Coal	0	0	0	210	232	232	232	232	232	232	232	232	382	1,070	1,370	1,521	39.9%
Oil Based	559	559	591	591	594	594	594	594	622	625	663	773	807	828	906	942	24.7%
Natural Gas	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	35.5%
Geothermal	108	108	108	108	108	108	103	103	108	108	108	108	108	108	108	108	2.8%
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	29.7%
Biomass	0	0	0	0	0	0	0	0	21	36	36	36	36	36	36	51	1.3%
Solar	0	0	1	1	1	1	1	1	1	1	1	1	20	59	59	59	1.5%
Wind	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	100.0%

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	37.1%
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	18.0%
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	14.5%
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	30.3%
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	8.2%
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	15.5%
Biomass	0	0	0	0	0	0	30	38	83	119	119	131	121	233	224	258	1.1%
Solar	0	0	1	1	1	1	1	1	1	1	1	23	165	765	885	896	3.8%
Wind	0	0	25	25	25	33	33	33	33	33	33	283	427	427	427	427	1.8%
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	100.0%

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	% Share
Dependable Generating Capacity																	
In MW, 2018																	
LUZON																	
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	39.9%
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	11.5%
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	21.9%
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	26.7%
Geothermal	604	604	727	726	714	439	431	500	587	587	607	692	691	777	782	805	5.4%
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	16.5%
Biomass	0	0	0	0	0	0	1	5	13	34	34	39	60	71	66	84	0.6%
Solar	0	0	0	0	0	0	0	0	0	0	0	0	54	220	265	301	2.0%
Wind	0	0	9	9	9	33	33	20	33	17	17	103	293	293	293	337	2.3%
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	100.0%
VISAYAS																	
Coal	140	145	145	140	155	155	153	501	777	777	777	777	761	1,050	1,050	1,043	34.8%
Oil Based	416	507	493	459	479	482	426	464	476	505	505	505	425	434	499	502	16.7%
Natural Gas	0	0	0	0	0	0	0	0	0	1	1	1	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	48.5%
Geothermal	856	856	856	856	853	849	792	751	745	777	777	817	813	813	870	865	28.8%
Hydro	12	12	12	12	12	13	13	13	13	11	11	11	11	18	18	19	0.6%
Biomass	0	0	0	0	0	0	9	15	26	32	32	32	77	77	84	85	2.8%
Solar	0	0	0	0	0	0	0	0	0	0	0	17	56	331	392	396	13.2%
Wind	0	0	0	0	0	0	0	0	0	0	0	0	86	90	90	90	3.0%
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	100.0%
MINDANAO																	
Coal	0	0	0	210	200	201	210	212	210	210	210	210	340	959	1,220	1,355	41.5%
Oil Based	524	473	491	491	478	478	485	438	469	470	605	680	724	733	811	778	23.8%
Natural Gas	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	34.8%
Geothermal	108	108	100	101	100	100	98	100	102	98	98	98	98	100	100	100	3.1%
Hydro	828	821	901	902	891	902	902	907	827	826	826	840	837	840	899	978	29.9%
Biomass	0	0	0	0	0	0	0	0	7	10	10	10	10	10	10	14	0.4%
Solar	0	0	1	1	1	1	1	1	1	0	0	0	15	43	43	44	1.4%
Wind	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	100.0%
PHILIPPINES																	
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	37.4%
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	16.0%
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	16.0%
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	30.5%
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	8.5%
Hydro	2,267	2,610	2,723	2,726	2,962	2,960	2,914	3,021	2,963	2,983	2,983	2,982	3,073	3,181	3,269	3,473	15.9%
Biomass	0	0	0	0	0	0	10	20	46	76	76	81	146	157	160	182	0.8%
Solar	0	0	1	1	1	1	1	1	1	0	0	17	125	594	700	740	3.4%
Wind	0	0	9	9	9	33	33	20	33	17	17	103	379	383	383	427	1.9%
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	100.0%

Note: *IPPs generation included in the utility
 Grid connected generation facilities included
 2018 capacity mix includes off-grd capacities
 Revised as of 3 April 2019