



DEPARTMENT OF ENERGY

2019 POWER STATISTICS

**Visayas Sub-grid Generation by Plant Type
in MWh**

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
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	4,196,519	3,810,883	4,154,062	4,208,895	4,559,900	4,495,731	5,527,308
Coal	603,903	718,663	848,428	745,686	822,007	1,498,874	3,248,847	3,674,317	3,652,379	3,354,078	3,867,724	3,914,736	4,191,500	4,256,261	5,190,282
Oil-based	1,107,808	641,650	714,027	895,430	1,073,710	929,954	395,441	476,852	531,562	448,060	281,861	252,862	285,821	152,231	246,704
Diesel	794,363	525,584	571,805	663,255	763,895	649,555	160,792	256,954	263,873	296,725	281,861	252,862	285,821	152,231	246,704
Gas Turbine	23,862	193	9,045	36,485	61,972	3,164	0	0	0	0	0	0	0	0	0
Oil Thermal	289,582	115,873	133,176	195,690	247,843	277,236	234,649	219,899	267,689	151,335	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	7,815	4,269	0	0	0	0	0
Renewable Energy (RE)	4,541	5,454	4,733	6,242	5,869	5,052	6,263	6,858	4,762	4,476	4,476	41,297	82,579	87,239	90,322
Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro	4,541	5,454	4,733	6,242	5,869	5,052	6,263	6,858	4,762	4,476	4,476	3,481	5,032	5,331	5,331
Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solar	0	0	0	0	0	0	0	0	0	0	0	37,816	77,547	81,909	84,991
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1,552,381	1,742,575	1,939,578	2,436,643	2,446,029	2,482,569	2,470,186
Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil-based	0	0	0	0	0	0	0	0	0	0	0	8,642	14,254	4,199	11,973
Diesel	0	0	0	0	0	0	0	0	0	0	0	8,642	14,254	4,199	11,973
Gas Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil Thermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Renewable Energy (RE)	1,422,674	1,379,406	1,459,796	1,344,338	1,356,127	1,425,192	1,452,410	1,600,241	1,552,381	1,742,575	1,939,578	2,428,001	2,431,775	2,478,370	2,458,213
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	1,490,579	1,657,158	1,766,642	1,796,784	1,611,544	1,614,233	1,670,384
Hydro	1,880	2,679	2,130	1,751	1,248	1,760	1,865	0	167	0	0	7,980	3,946	4,639	3,698
Biomass	0	0	0	0	10,957	12,896	46,993	28,114	61,635	70,376	130,525	233,084	371,558	391,106	312,615
Solar	0	0	0	0	0	0	0	0	0	15,040	42,411	390,153	444,728	468,392	471,516
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PANAY	652,438	607,735	727,806	724,791	744,363	786,852	1,042,709	1,266,377	1,283,690	1,392,891	1,597,330	1,919,542	2,843,920	2,915,632	3,165,381
Coal	0	0	0	0	0	29,807	783,355	1,026,736	1,037,303	1,095,405	1,100,712	1,355,506	2,432,092	2,528,453	2,771,608
Oil-based	652,438	607,735	727,806	724,791	744,363	757,044	234,710	196,911	202,349	251,339	311,620	280,026	131,303	79,247	103,499
Diesel	652,438	607,735	727,806	724,791	744,363	757,044	234,710	196,911	202,349	251,339	311,620	280,026	131,303	79,247	103,499
Gas Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil Thermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Renewable Energy (RE)	0	0	0	0	0	0	24,643	42,730	44,038	46,147	184,998	284,010	280,525	307,932	290,275
Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro	0	0	0	0	0	0	0	0	0	0	0	27,861	35,166	29,839	25,380
Biomass	0	0	0	0	0	0	24,643	42,730	44,038	46,147	28,340	42,969	42,926	48,163	43,030
Solar	0	0	0	0	0	0	0	0	0	0	0	4,672	8,271	8,271	4,265
Wind	0	0	0	0	0	0	0	0	0	0	156,658	208,509	194,161	221,660	217,599



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Visayas Sub-grid Generation by Plant Type
in MWh

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
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	3,972,438	3,970,083	4,366,888	4,269,720	4,048,448	4,222,882	4,712,180
Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil-based	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil Thermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Renewable Energy (RE)	4,848,387	4,725,263	4,290,112	4,858,272	4,642,857	4,361,813	4,212,009	4,358,357	3,972,438	3,970,083	4,366,888	4,269,720	4,048,448	4,222,882	4,712,180
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	3,972,438	3,970,083	4,338,740	4,177,704	3,952,037	4,123,210	4,607,530
Hydro	1,804	1,788	900	1,701	1,821	1,131	0	0	0	0	0	0	0	0	0
Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solar	0	0	0	0	0	0	0	0	0	0	28,148	92,016	96,411	99,672	104,650
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOHOL	23,712	22,685	32,506	50,258	53,516	37,799	49,266	44,833	38,236	42,941	45,339	40,538	67,913	51,765	65,208
Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil-based	4,741	4,513	11,072	19,904	20,047	9,852	4,277	5,530	6,229	11,943	11,441	16,327	21,969	19,012	42,768
Diesel	4,741	4,513	11,072	19,904	20,047	9,852	4,277	5,530	6,229	11,943	11,441	16,327	21,969	19,012	42,768
Gas Turbine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil Thermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Renewable Energy (RE)	18,971	18,172	21,434	30,354	33,469	27,946	44,989	39,303	32,007	30,998	33,898	24,211	45,944	32,753	22,441
Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro	18,971	18,172	21,434	30,354	33,469	27,946	44,989	39,303	32,007	30,998	33,898	24,211	45,944	32,753	22,441
Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Summary per Visayas Subgrid	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
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	4,196,519	3,810,883	4,154,062	4,208,895	4,559,900	4,495,731	5,527,308
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	1,552,381	1,742,575	1,939,578	2,436,643	2,446,029	2,482,569	2,470,186
PANAY	652,438	607,735	727,806	724,791	744,363	786,852	1,042,709	1,266,377	1,283,690	1,392,891	1,597,330	1,919,542	2,843,920	2,915,632	3,165,381
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	3,972,438	3,970,083	4,366,888	4,269,720	4,048,448	4,222,882	4,712,180
BOHOL	23,712	22,685	32,506	50,258	53,516	37,799	49,266	44,833	38,236	42,941	45,339	40,538	67,913	51,765	65,208
Total Visayas w/o 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	11,043,264	10,959,373	12,103,198	12,875,337	13,966,210	14,168,579	15,940,264
SPUG	34,889	27,868	24,185	24,677	25,849	29,729	48,798	54,879	56,330	54,551	67,286	79,549	87,675	97,909	119,322
Total 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	11,099,593	11,013,924	12,170,483	12,954,886	14,053,885	14,266,489	16,059,586

Note:
Gross Generation - the total amount of electric energy produced by generating units and measured at the generating terminal
Generation data includes grid connected, embedded and off-grid generator.
Revised as of 8 May 2020