



Visayas Sub-grid Generation by Plant Type  
in MWh

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>CEBU</b>	<b>1,716,252</b>	<b>1,365,766</b>	<b>1,567,188</b>	<b>1,647,358</b>	<b>1,901,587</b>	<b>2,433,880</b>	<b>3,650,551</b>	<b>4,158,028</b>	<b>4,196,519</b>	<b>3,810,883</b>	<b>4,154,062</b>	<b>4,208,895</b>	<b>4,559,900</b>	<b>4,495,731</b>
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
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
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
Gas Turbine	23,862	193	9,045	36,485	61,972	3,164	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
Natural Gas	0	0	0	0	0	0	0	0	7,815	4,269	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
Geothermal	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
Biomass	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
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>NEGROS</b>	<b>1,422,674</b>	<b>1,379,406</b>	<b>1,459,796</b>	<b>1,344,338</b>	<b>1,356,127</b>	<b>1,425,192</b>	<b>1,452,410</b>	<b>1,600,241</b>	<b>1,552,381</b>	<b>1,742,575</b>	<b>1,939,578</b>	<b>2,436,643</b>	<b>2,446,029</b>	<b>2,482,569</b>
Coal	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
Diesel	0	0	0	0	0	0	0	0	0	0	0	8,642	14,254	4,199
Gas Turbine	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
Natural Gas	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
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
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
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
Solar	0	0	0	0	0	0	0	0	0	15,040	42,411	390,153	444,728	468,392
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>PANAY</b>	<b>652,438</b>	<b>607,735</b>	<b>727,806</b>	<b>724,791</b>	<b>744,363</b>	<b>786,852</b>	<b>1,042,709</b>	<b>1,266,377</b>	<b>1,283,690</b>	<b>1,392,891</b>	<b>1,597,330</b>	<b>1,919,542</b>	<b>2,843,920</b>	<b>2,915,632</b>
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
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
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
Gas Turbine	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
Natural Gas	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
Geothermal	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
Biomass	0	0	0	0	0	0	24,643	42,730	44,038	46,147	28,340	42,969	42,926	48,163
Solar	0	0	0	0	0	0	0	0	0	0	0	4,672	8,271	8,271
Wind	0	0	0	0	0	0	0	0	0	0	156,658	208,509	194,161	221,660



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in MWh

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>LEYTE-SAMAR</b>	<b>4,848,387</b>	<b>4,725,263</b>	<b>4,290,112</b>	<b>4,858,272</b>	<b>4,642,857</b>	<b>4,361,813</b>	<b>4,212,009</b>	<b>4,358,357</b>	<b>3,972,438</b>	<b>3,970,083</b>	<b>4,366,888</b>	<b>4,269,720</b>	<b>4,048,448</b>	<b>4,222,882</b>
Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Oil-based</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Diesel	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
Oil Thermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Natural Gas</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Renewable Energy (RE)</b>	<b>4,848,387</b>	<b>4,725,263</b>	<b>4,290,112</b>	<b>4,858,272</b>	<b>4,642,857</b>	<b>4,361,813</b>	<b>4,212,009</b>	<b>4,358,357</b>	<b>3,972,438</b>	<b>3,970,083</b>	<b>4,366,888</b>	<b>4,269,720</b>	<b>4,048,448</b>	<b>4,222,882</b>
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
Hydro	1,804	1,788	900	1,701	1,821	1,131	0	0	0	0	0	0	0	0
Biomass	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
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>BOHOL</b>	<b>23,712</b>	<b>22,685</b>	<b>32,506</b>	<b>50,258</b>	<b>53,516</b>	<b>37,799</b>	<b>49,266</b>	<b>44,833</b>	<b>38,236</b>	<b>42,941</b>	<b>45,339</b>	<b>40,538</b>	<b>67,913</b>	<b>51,765</b>
Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Oil-based</b>	<b>4,741</b>	<b>4,513</b>	<b>11,072</b>	<b>19,904</b>	<b>20,047</b>	<b>9,852</b>	<b>4,277</b>	<b>5,530</b>	<b>6,229</b>	<b>11,943</b>	<b>11,441</b>	<b>16,327</b>	<b>21,969</b>	<b>19,012</b>
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
Gas Turbine	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
<b>Natural Gas</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Renewable Energy (RE)</b>	<b>18,971</b>	<b>18,172</b>	<b>21,434</b>	<b>30,354</b>	<b>33,469</b>	<b>27,946</b>	<b>44,989</b>	<b>39,303</b>	<b>32,007</b>	<b>30,998</b>	<b>33,898</b>	<b>24,211</b>	<b>45,944</b>	<b>32,753</b>
Geothermal	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
Biomass	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
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Summary per Visayas Subgrid</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>CEBU</b>	<b>1,716,252</b>	<b>1,365,766</b>	<b>1,567,188</b>	<b>1,647,358</b>	<b>1,901,587</b>	<b>2,433,880</b>	<b>3,650,551</b>	<b>4,158,028</b>	<b>4,196,519</b>	<b>3,810,883</b>	<b>4,154,062</b>	<b>4,208,895</b>	<b>4,559,900</b>	<b>4,495,731</b>
<b>NEGROS</b>	<b>1,422,674</b>	<b>1,379,406</b>	<b>1,459,796</b>	<b>1,344,338</b>	<b>1,356,127</b>	<b>1,425,192</b>	<b>1,452,410</b>	<b>1,600,241</b>	<b>1,552,381</b>	<b>1,742,575</b>	<b>1,939,578</b>	<b>2,436,643</b>	<b>2,446,029</b>	<b>2,482,569</b>
<b>PANAY</b>	<b>652,438</b>	<b>607,735</b>	<b>727,806</b>	<b>724,791</b>	<b>744,363</b>	<b>786,852</b>	<b>1,042,709</b>	<b>1,266,377</b>	<b>1,283,690</b>	<b>1,392,891</b>	<b>1,597,330</b>	<b>1,919,542</b>	<b>2,843,920</b>	<b>2,915,632</b>
<b>LEYTE-SAMAR</b>	<b>4,848,387</b>	<b>4,725,263</b>	<b>4,290,112</b>	<b>4,858,272</b>	<b>4,642,857</b>	<b>4,361,813</b>	<b>4,212,009</b>	<b>4,358,357</b>	<b>3,972,438</b>	<b>3,970,083</b>	<b>4,366,888</b>	<b>4,269,720</b>	<b>4,048,448</b>	<b>4,222,882</b>
<b>BOHOL</b>	<b>23,712</b>	<b>22,685</b>	<b>32,506</b>	<b>50,258</b>	<b>53,516</b>	<b>37,799</b>	<b>49,266</b>	<b>44,833</b>	<b>38,236</b>	<b>42,941</b>	<b>45,339</b>	<b>40,538</b>	<b>67,913</b>	<b>51,765</b>
<b>Total Visayas w/o SPUG</b>	<b>8,663,463</b>	<b>8,100,855</b>	<b>8,077,409</b>	<b>8,625,017</b>	<b>8,698,449</b>	<b>9,045,535</b>	<b>10,406,945</b>	<b>11,427,835</b>	<b>11,043,264</b>	<b>10,959,373</b>	<b>12,103,198</b>	<b>12,875,337</b>	<b>13,966,210</b>	<b>14,168,579</b>
<b>SPUG</b>	<b>34,889</b>	<b>27,868</b>	<b>24,185</b>	<b>24,677</b>	<b>25,849</b>	<b>29,729</b>	<b>48,798</b>	<b>54,879</b>	<b>56,330</b>	<b>54,551</b>	<b>67,286</b>	<b>79,549</b>	<b>87,675</b>	<b>97,909</b>
<b>Total Visayas w/ SPUG</b>	<b>8,698,352</b>	<b>8,128,723</b>	<b>8,101,593</b>	<b>8,649,694</b>	<b>8,724,298</b>	<b>9,075,264</b>	<b>10,455,743</b>	<b>11,482,714</b>	<b>11,099,593</b>	<b>11,013,924</b>	<b>12,170,483</b>	<b>12,954,886</b>	<b>14,053,885</b>	<b>14,266,489</b>

Note:

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

Revised as of 29 March 2019