



Visayas Sub-grid Generation by Plant Type
in MWh

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 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 |
| 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 |
| 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 |
| 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 |
| Gas Turbine | 23,862 | 193 | 9,045 | 36,485 | 61,972 | 3,164 | 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 |
| Natural Gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,815 | 4,269 | 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 |
| Geothermal | 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 |
| Biomass | 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 |
| Wind | 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 |
| Coal | 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 |
| Diesel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,642 | 14,254 |
| Gas Turbine | 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 |
| Natural Gas | 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 |
| 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 |
| Hydro | 1,880 | 2,679 | 2,130 | 1,751 | 1,248 | 1,760 | 1,865 | 0 | 167 | 0 | 0 | 7,980 | 3,946 |
| Biomass | 0 | 0 | 0 | 0 | 10,957 | 12,896 | 46,993 | 28,114 | 61,635 | 70,376 | 130,525 | 233,084 | 371,558 |
| Solar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,040 | 42,411 | 390,153 | 444,728 |
| Wind | 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 |
| 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 |
| 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 |
| 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 |
| Gas Turbine | 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 |
| Natural Gas | 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 |
| Geothermal | 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 |
| Biomass | 0 | 0 | 0 | 0 | 0 | 0 | 24,643 | 42,730 | 44,038 | 46,147 | 28,340 | 42,969 | 42,926 |
| Solar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,672 | 8,271 |
| Wind | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 156,658 | 208,509 | 194,161 |



DEPARTMENT OF ENERGY
2017 POWER STATISTICS

Visayas Sub-grid Generation by Plant Type
in MWh

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 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 |
| Coal | 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 |
| Diesel | 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 |
| Oil Thermal | 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 |
| 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 |
| 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 |
| Hydro | 1,804 | 1,788 | 900 | 1,701 | 1,821 | 1,131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Biomass | 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 |
| Wind | 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 |
| Coal | 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 |
| 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 |
| Gas Turbine | 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 |
| Natural Gas | 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 |
| Geothermal | 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 |
| Biomass | 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 |
| Wind | 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

Note:

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

Revised as of 30 April 2018