

| 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 15,610 | 16,358 | 16,162 | 17,025 | 17,325 | 17,944 | 18,765 | 21,423 | 22,728 | 23,815 |
| 3,193 | 3,193 | 2,994 | 3,074 | 3,353 | 3,476 | 3,610 | 3,616 | 4,153 | 4,292 |
| 4,277 | 4,867 | 4,917 | 5,568 | 5,568 | 5,708 | 5,963 | 7,419 | 8,049 | 8,844 |
| 2,831 | 2,861 | 2,861 | 2,862 | 2,862 | 2,862 | 2,862 | 3,431 | 3,447 | 3,453 |
| 5,309 | 5,437 | 5,391 | 5,521 | 5,541 | 5,898 | 6,330 | 6,958 | 7,079 | 7,227 |
| 3,291 | 3,400 | 3,491 | 3,521 | 3,521 | 3,543 | 3,600 | 3,618 | 3,627 | 3,701 |
| 1,953 | 1,966 | 1,783 | 1,848 | 1,868 | 1,918 | 1,917 | 1,916 | 1,916 | 1,944 |
| 33 | 33 | 33 | 33 | 33 | 283 | 427 | 427 | 427 | 427 |
| 1 | 1 | 1 | 1 | 1 | 23 | 165 | 765 | 885 | 896 |
| 30 | 38 | 83 | 119 | 119 | 131 | 221 | 233 | 224 | 258 |

[Power Generation, By Source](#)

Power Generation, by Source and Grid

in GWh

| Luzon | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Coal | 8,965.79 | 10,924.70 | 16,374.19 | 18,483.74 | 15,814.34 | 14,351.12 | 15,548.33 | 14,653.27 | 14,099.16 |
| Oil | 14,985.63 | 9,947.38 | 7,198.65 | 7,680.50 | 3,625.03 | 3,595.86 | 4,590.81 | 2,021.64 | 1,711.41 |
| Natural Gas | 20.40 | 15.55 | 17.36 | 847.58 | 8,770.85 | 13,139.41 | 12,384.47 | 16,860.92 | 16,365.96 |
| Renewable | 7,813.92 | 10,857.40 | 11,089.14 | 9,171.77 | 8,176.66 | 6,448.24 | 7,330.30 | 7,090.90 | 9,064.92 |
| Hydro | 1,783.49 | 3,542.83 | 3,569.10 | 2,806.21 | 2,900.49 | 3,847.77 | 4,296.88 | 4,331.22 | 5,492.27 |
| Geothermal | 6,030.43 | 7,314.57 | 7,520.05 | 6,365.56 | 5,276.17 | 2,600.47 | 3,033.42 | 2,742.20 | 3,519.42 |
| Biomass | - | - | - | - | - | - | - | - | - |
| Wind | - | - | - | - | - | - | - | 17.47 | 53.24 |
| Solar | - | - | - | - | - | - | - | - | - |
| Total | 31,785.74 | 31,745.03 | 34,679.34 | 36,183.58 | 36,386.88 | 37,534.63 | 39,853.91 | 40,626.73 | 41,241.46 |

| Visayas | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Coal | 422.05 | 258.23 | 288.67 | 305.42 | 313.54 | 587.63 | 646.08 | 603.90 | 718.66 |
| Oil | 1,489.32 | 1,496.41 | 1,494.27 | 1,536.78 | 1,651.66 | 1,860.56 | 1,997.71 | 1,799.88 | 1,281.77 |
| Natural Gas | - | - | - | - | - | - | - | - | - |
| Renewable | 2,552.24 | 2,686.84 | 3,363.99 | 3,311.44 | 4,133.61 | 6,394.00 | 6,372.59 | 6,294.57 | 6,128.29 |
| Hydro | 31.87 | 33.86 | 42.04 | 35.97 | 25.20 | 33.03 | 34.28 | 27.20 | 28.09 |
| Geothermal | 2,520.37 | 2,652.98 | 3,321.95 | 3,275.47 | 4,108.41 | 6,360.96 | 6,338.32 | 6,267.38 | 6,100.20 |
| Biomass | - | - | - | - | - | - | - | - | - |
| Wind | - | - | - | - | - | - | - | - | - |
| Solar | - | - | - | - | - | - | - | - | - |
| Total | 4,463.60 | 4,441.48 | 5,146.92 | 5,153.64 | 6,098.81 | 8,842.19 | 9,016.38 | 8,698.35 | 8,128.72 |

| Mindanao | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Coal | - | - | - | - | - | - | - | - | 476.25 |
| Oil | 1,698.67 | 355.25 | 491.89 | 640.38 | 1,016.54 | 1,713.69 | 1,915.80 | 2,319.93 | 1,671.62 |
| Renewable | 3,631.20 | 4,889.92 | 4,971.85 | 5,062.50 | 4,965.20 | 4,850.03 | 5,171.34 | 4,922.73 | 5,266.09 |
| Hydro | 3,268.47 | 4,263.40 | 4,187.72 | 4,261.52 | 4,107.29 | 3,989.01 | 4,261.53 | 4,028.35 | 4,419.05 |
| Geothermal | 362.73 | 626.52 | 784.13 | 800.98 | 857.91 | 861.02 | 909.82 | 892.86 | 845.66 |
| Biomass | - | - | - | - | - | - | - | - | - |
| Solar | - | - | - | - | - | - | - | 1.52 | 1.38 |
| Total | 5,329.87 | 5,245.17 | 5,463.74 | 5,702.88 | 5,981.74 | 6,563.72 | 7,087.14 | 7,242.66 | 7,413.95 |

| Philippines | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Coal | 9,388 | 11,183 | 16,663 | 18,789 | 16,128 | 14,939 | 16,194 | 15,257 | 15,294 |
| Oil | 18,174 | 11,799 | 9,185 | 9,858 | 6,293 | 7,170 | 8,504 | 6,141 | 4,665 |
| Natural Gas | 20 | 16 | 17 | 848 | 8,771 | 13,139 | 12,384 | 16,861 | 16,366 |
| Renewable | 13,997 | 18,434 | 19,425 | 17,546 | 17,275 | 17,692 | 18,874 | 18,308 | 20,459 |
| Hydro | 5,084 | 7,840 | 7,799 | 7,104 | 7,033 | 7,870 | 8,593 | 8,387 | 9,939 |
| Geothermal | 8,914 | 10,594 | 11,626 | 10,442 | 10,242 | 9,822 | 10,282 | 9,902 | 10,465 |
| Biomass | - | - | - | - | - | - | - | - | - |
| Wind | - | - | - | - | - | - | - | 17 | 53 |
| Solar | - | - | - | - | - | - | - | 2 | 1 |
| Total | 41,579 | 41,432 | 45,290 | 47,040 | 48,467 | 52,941 | 55,957 | 56,568 | 56,784 |
| Self-sufficiency level (%) | | | | 41 | 55 | 60 | 58 | 64 | 66 |

| 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 14,417.80 | 13,503.73 | 14,091.38 | 20,046.58 | 19,681.13 | 21,877.50 | 25,755.94 | 27,346.49 | 29,679.51 | 33,143.46 | 33,953 | 37,362 |
| 2,192.05 | 1,928.24 | 1,864.28 | 3,287.17 | 1,290.68 | 1,800.32 | 1,600.63 | 2,342.36 | 1,844.79 | 2,561.83 | 2,379 | 2,188 |
| 18,789.41 | 19,575.86 | 19,886.83 | 19,517.85 | 20,591.32 | 19,641.53 | 18,783.47 | 18,685.81 | 18,877.92 | 19,853.78 | 20,547 | 21,334 |
| 8,220.65 | 9,191.71 | 9,132.37 | 7,413.12 | 8,454.12 | 8,993.08 | 8,679.48 | 8,391.82 | 9,710.65 | 10,938.48 | 11,633.32 | 11,844.76 |
| 4,562.31 | 5,400.40 | 5,549.23 | 4,013.53 | 4,836.47 | 5,292.48 | 5,155.52 | 4,357.16 | 4,768.82 | 5,011.10 | 5,730 | 5,945 |
| 3,600.50 | 3,729.92 | 3,515.96 | 3,323.50 | 3,485.81 | 3,588.42 | 3,398.60 | 3,817.33 | 4,096.45 | 4,226.91 | 3,909.70 | 3,871.48 |
| | - | 2.75 | 14.37 | 43.64 | 36.84 | 59.70 | 65.28 | 187.19 | 438.81 | 598.66 | 593.97 |
| 57.84 | 61.39 | 64.43 | 61.72 | 88.20 | 75.34 | 65.66 | 152.05 | 591.76 | 766.71 | 899 | 931 |
| | | | | | | | | 66.43 | 494.95 | 495.98 | 503.13 |
| 43,619.91 | 44,199.53 | 44,974.86 | 50,264.73 | 50,017.26 | 52,312.43 | 54,819.52 | 56,766.48 | 60,112.86 | 66,497.55 | 68,512.42 | 72,728.37 |

| 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 848.43 | 745.69 | 822.01 | 1,528.68 | 4,032.20 | 4,701.05 | 4,689.68 | 4,449.48 | 4,968.44 | 5,270.24 | 6,623.59 | 6,784.71 |
| 1,477.09 | 1,664.80 | 1,863.97 | 1,726.58 | 683.23 | 734.17 | 796.47 | 765.89 | 672.21 | 637.40 | 541.02 | 352.60 |
| - | - | - | - | - | - | 7.81 | 4.27 | - | - | - | - |
| 5,776.08 | 6,239.21 | 6,038.32 | 5,820.00 | 5,740.31 | 6,047.49 | 5,605.63 | 5,794.28 | 6,529.84 | 7,047.24 | 6,889.27 | 7,129.18 |
| 29.20 | 40.05 | 42.41 | 35.89 | 53.12 | 46.16 | 36.94 | 35.47 | 38.37 | 63.53 | 90.09 | 72.56 |
| 5,746.88 | 6,199.16 | 5,984.96 | 5,771.22 | 5,615.56 | 5,930.48 | 5,463.02 | 5,627.24 | 6,105.38 | 5,974.49 | 5,563.58 | 5,737.44 |
| | - | 10.96 | 12.90 | 71.64 | 70.84 | 105.67 | 116.52 | 158.86 | 276.05 | 414.48 | 439.27 |
| | | | | | | | | 156.66 | 208.51 | 194.16 | 221.66 |
| | | | | | | | 15.04 | 70.56 | 524.66 | 626.96 | 658.24 |
| 8,101.59 | 8,649.69 | 8,724.30 | 9,075.26 | 10,455.74 | 11,482.71 | 11,099.59 | 11,013.92 | 12,170.48 | 12,954.89 | 14,053.89 | 14,266.49 |

| 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|
| 1,570.87 | 1,499.38 | 1,562.75 | 1,725.84 | 1,628.85 | 1,686.31 | 1,635.38 | 1,257.54 | 2,037.74 | 4,889.54 | 6,271.01 | 7,785.35 |
| 1,478.87 | 1,275.29 | 1,652.41 | 2,087.25 | 1,423.69 | 1,719.52 | 2,093.50 | 2,599.50 | 3,369.44 | 2,462.17 | 866.88 | 632.52 |
| 4,840.54 | 5,197.09 | 5,020.11 | 4,589.68 | 5,650.11 | 5,721.04 | 5,617.85 | 5,623.55 | 4,722.69 | 3,993.74 | 4,666.15 | 4,351.99 |
| 3,971.93 | 4,402.08 | 4,195.93 | 3,753.99 | 4,807.94 | 4,913.49 | 4,826.85 | 4,744.64 | 3,857.88 | 3,036.28 | 3,791.14 | 3,366.28 |
| 867.31 | 793.70 | 822.93 | 834.44 | 840.96 | 731.09 | 742.98 | 863.54 | 841.86 | 869.00 | 796.79 | 826.38 |
| - | - | - | - | - | 75.14 | 46.60 | 13.90 | 21.40 | 11.05 | 78.21 | 87.74 |
| 1.31 | 1.30 | 1.25 | 1.25 | 1.21 | 1.32 | 1.41 | 1.48 | 1.55 | 77.41 | - | 71.59 |
| 7,890.28 | 7,971.76 | 8,235.28 | 8,402.77 | 8,702.65 | 9,126.87 | 9,346.73 | 9,480.59 | 10,129.87 | 11,345.46 | 11,804.04 | 12,769.86 |

| 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 16,837 | 15,749 | 16,476 | 23,301 | 25,342 | 28,265 | 32,081 | 33,054 | 36,686 | 43,303 | 46,847 | 51,932 |
| 5,148 | 4,868 | 5,381 | 7,101 | 3,398 | 4,254 | 4,491 | 5,708 | 5,886 | 5,661 | 3,787 | 3,173 |
| 18,789 | 19,576 | 19,887 | 19,518 | 20,591 | 19,642 | 18,791 | 18,690 | 18,878 | 19,854 | 20,547 | 21,334 |
| 18,837 | 20,628 | 20,191 | 17,823 | 19,845 | 20,762 | 19,903 | 19,810 | 20,963 | 21,979 | 23,189 | 23,326 |
| 8,563 | 9,843 | 9,788 | 7,803 | 9,698 | 10,252 | 10,019 | 9,137 | 8,665 | 8,111 | 9,611 | 9,384 |
| 10,215 | 10,723 | 10,324 | 9,929 | 9,942 | 10,250 | 9,605 | 10,308 | 11,044 | 11,070 | 10,270 | 10,435 |
| - | - | 14 | 27 | 115 | 183 | 212 | 196 | 367 | 726 | 1,091 | 1,121 |
| 58 | 61 | 64 | 62 | 88 | 75 | 66 | 152 | 748 | 975 | 1,094 | 1,153 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17 | 139 | 1,097 | 1,123 | 1,233 |
| 59,612 | 60,821 | 61,934 | 67,743 | 69,176 | 72,922 | 75,266 | 77,261 | 82,413 | 90,798 | 94,370 | 99,765 |
| 64 | 67 | 66 | 57 | 61 | 59 | 56 | 53 | 53 | 51 | 54 | 51 |

[Power Consumption, By Sector](#)

in GWh

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Residential | 5,609 | 6,249 | 6,053 | 6,368 | 7,282 | 8,223 | 9,150 | 10,477 | 11,936 | 11,875 | 12,894 | 13,547 | 13,715 |
| Commercial | 4,695 | 4,847 | 4,910 | 4,725 | 5,865 | 6,353 | 7,072 | 8,013 | 8,725 | 8,901 | 9,512 | 10,098 | 10,172 |
| Industrial | 9,943 | 9,339 | 8,859 | 9,395 | 10,684 | 10,950 | 11,851 | 12,531 | 12,543 | 12,444 | 13,191 | 14,452 | 13,628 |
| Others* | 966 | 952 | 823 | 721 | 762 | 1,067 | 1,167 | 1,267 | 934 | 921 | 957 | 1,042 | 1,110 |
| Utilities Own Use | 1,134 | 1,086 | 1,154 | 1,132 | 1,132 | 1,226 | 1,340 | 1,471 | 1,590 | 1,536 | 2,390 | 2,196 | 3,873 |
| Power Losses | 3,980 | 3,176 | 4,071 | 4,238 | 4,734 | 5,735 | 6,128 | 6,037 | 5,849 | 5,754 | 6,345 | 5,704 | 5,970 |
| Total | 26,327 | 25,649 | 25,870 | 26,579 | 30,459 | 33,554 | 36,708 | 39,797 | 41,578 | 41,432 | 45,290 | 47,040 | 48,468 |

* others include Transport and AFF

| 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 15,357 | 15,920 | 16,031 | 15,830 | 16,376 | 16,644 | 17,504 | 18,833 | 18,694 | 19,695 | 20,614 | 20,969 | 22,747 | 25,631 | 26,782 | 28,261 |
| 11,106 | 11,785 | 12,245 | 12,679 | 13,470 | 14,136 | 14,756 | 16,261 | 16,624 | 17,777 | 18,304 | 18,761 | 20,085 | 21,770 | 22,768 | 24,016 |
| 15,188 | 15,012 | 15,705 | 15,888 | 16,522 | 17,031 | 17,084 | 18,576 | 19,334 | 20,071 | 20,677 | 21,429 | 22,514 | 24,119 | 25,573 | 27,587 |
| 1,069 | 1,359 | 1,177 | 1,275 | 1,641 | 1,395 | 1,523 | 1,596 | 1,446 | 1,668 | 1,971 | 2,186 | 2,462 | 2,634 | 2,670 | 2,753 |
| 3,410 | 4,654 | 4,591 | 4,227 | 3,994 | 3,935 | 3,524 | 4,677 | 5,398 | 5,351 | 5,959 | 6,646 | 7,124 | 8,357 | 8,316 | 8,141 |
| 6,810 | 7,227 | 6,817 | 6,885 | 7,608 | 7,680 | 7,542 | 7,800 | 7,680 | 8,360 | 7,741 | 7,270 | 7,481 | 8,286 | 8,262 | 9,007 |
| 52,941 | 55,957 | 56,568 | 56,784 | 59,612 | 60,821 | 61,934 | 67,743 | 69,176 | 72,922 | 75,266 | 77,261 | 82,413 | 90,798 | 94,370 | 99,765 |