



Partnering People With Wind
Power One Community at a Time

Wind Power Generation Statistics

Wind electric power generation has more than quadrupled in the last six years. At the end of 2006, the United States had a total installed wind capacity of 11,603 megawatts. The American Wind Energy Association (AWEA) expects 3,000-3,500 MW of wind energy will be installed by the end of 2007.

About 31 billion kilowatt-hours (kWh) will be generated by wind power in the U.S. in 2007, enough electricity to power the equivalent of nearly 3 million average homes.

2006 Wind Generation statistics:

MW's installed in 2006 (worldwide):
15,000+

MW's installed in 2006 (United States):
2,400+

MW's in operation (cumulative worldwide total): 74,000+

Wind: A Clean Alternative:

A single 1.5 MW turbine displaces 2,700 tons of carbon dioxide.

The existing U.S. wind turbine fleet (11,600 MW) displaces more than 19 million tons of carbon dioxide.

To generate the same amount of electricity as one megawatt of wind for 20 years would require burning 29 tons of coal or 92,000 barrels



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