

# Wind Farms

The Horse Hollow Wind Energy Center has a total capacity of 735 megawatts. It is comprised of 291 GE 1.5 megawatt wind turbines and 130 Siemens 2.3 megawatt wind turbines spread over nearly 47,000 acres in Taylor and Nolan County, Texas. It currently is the largest wind farm in the world.

The wind turbines are 262 feet tall at the hub in the center of the blades. Each turbine has three blades, each blade is 126 feet long. The generator begins making electricity with wind speeds of approximately 8 mph and can operate in winds as high as 55 mph. When winds exceeds 56 mph, the internal computer shuts the equipment down. Optimum wind speed for power generation is between 25 and 35 mph. Dyess Air Force Base is 100% "green," using energy only from wind power.



"The Horse Hollow Wind Energy Center is an important new source of clean, renewable power for the region that also provides significant economic benefits to the area in the form of taxes, new jobs, lease payments to landowners and the purchase of local goods and services," said Mike McMahan, Abilene Chamber of Commerce President. "Projects like Horse Hollow are possible because of the pro-business environment that exists in Texas today as well as tremendous support they receive locally."

FPL Energy is a leading competitive energy supplier utilizing clean fuels such as natural gas, wind, solar, hydroelectric and nuclear to generate electricity. It is the world's leader in wind energy, with 49 wind facilities in operation in 15 states. It is a subsidiary of FPL Group, (NYSE: FPL) one of the nation's largest providers of electricity-related services with annual revenues of nearly \$16 billion.