Epsilon ASSOCIATES INC.

REPRESENTATIVE WIND POWER PROJECTS

NOISE ANALYSIS

PROJECT: Horse Hollow Wind Energy Center, Taylor County, TX

CLIENT: FPL Energy

Epsilon developed and executed an extensive sound level measurement program for the world's largest wind farm. Concurrent sound level data, meteorological data, and wind turbine power output data were collected and analyzed for this 735 MW wind farm. The results were used as part of expert witness testimony to support FPLE in a nuisance lawsuit brought by 18 landowners in west Texas. Following a two-week trial, a 12-person Taylor County jury found that FPLE did not create a nuisance by operating the Horse Hollow Wind Energy Center.

PROJECT: Barton Chapel Wind Farm, Jack County, TX

CLIENT: Gamesa Energy

Epsilon developed an extensive sound level measurement and modeling program for a proposed 120 MW wind farm in Jack County, TX. Concurrent sound level data and wind speed data were collected and analyzed. The expected future sound levels from operation of the 60 Gamesa G-87 2.0 MW wind turbines were modeled and compared to published community noise guidelines. The results were used in legal proceedings to support Gamesa Energy in a nuisance lawsuit brought by several landowners in the area.

PROJECT: St. Lucie Wind Farm, St. Lucie County, FL

CLIENT: Florida Power & Light Company

Epsilon developed and executed an extensive sound level measurement program for a proposed six turbine wind farm at the edge of the Atlantic Ocean. Concurrent sound level data and wind speed data were collected and analyzed for a variety of wind conditions. The expected future sound levels from operation of the wind farm were also modeled. The results were used as part of the public approval process in Florida.