

Capricorn Ridge Wind Project

Location: Coke County, TX

Vintage: 2014

Project Start Date: 2008

Standard: Verified Carbon Standard (VCS)

Project Owner: NextEra Energy Resources

Capacity: 662.5 MW



Project Details

NativeEnergy is currently working with NextEra to utilize carbon offsets revenues to help accelerate the development of wind projects. NextEra is one of the largest wind energy developers in the US. The Capricorn Ridge Wind Project was the first wind project in the US to sell verified offsets under VCS. This project operates as a merchant plant, meaning it was built to serve the spot market. Most wind projects that get built in the US rely on long term contracts. The fact that this project does not have a long term contract further supports the additionality of the offsets it is generating.

Impact and Benefits

- Capacity: A 662.5-megawatt wind generation plant, consisting of 342 1.5-megawatt GE turbines and 65 2.3-megawatt Siemens that are capable of generating enough electricity to power more than 220,000 homes
- The Capricorn Ridge project avoids more than 952,000 metric tons of greenhouse gas emissions per year—equivalent to taking approximately 186,000 cars off the road (according to US Environmental Protection Agency methodology).
- Employs a local staff of around 36 people
- Adds tax base to Sterling and Coke counties
- Provides economic stimulus of landowner lease payments
- Allows land to remain in agricultural use
- Supports economy through purchases of regional goods and services
- Creates no air or water pollution
- Uses no water in the generation of electricity

Validation and Verification

The project has been validated and the carbon emissions reductions have been verified to the Verified Carbon Standard (VCS). Future year emissions reductions will also be verified to VCS.

