

Martin Lake



Power Plant and Mines



Basic Facts

Fuel source: Lignite, supplemented by Powder River Basin coal

Operating capacity and homes powered: 2,250 MW—enough to power about 1.125 million homes in normal conditions and 450,000 homes in periods of peak demand

Year began operation:
Unit 1—1977; Unit 2—1978;
Unit 3—1979

Location: Rusk County/ Panola County

Supporting mines: Liberty, Oak Hill and Tatum



Economic Impact

Martin Lake Power Plant and Liberty, Oak Hill and Tatum mines are proud to be major contributors to the community in which our employees work and live.

In 2015, Luminant paid tens of millions of dollars statewide in property taxes. The company is the largest taxpayer by a wide margin in virtually all the communities where it operates plants, including Martin Lake.

Community Benefit

We take pride in being a good neighbor through community contributions and volunteerism.

The plant and mines give tens of thousands of dollars to worthwhile projects and community organizations in Rusk, Panola and surrounding counties.

Employees at Martin Lake also give back to their communities through volunteerism, supporting the Henderson Heritage Syrup Festival and Habitat for Humanity, among others.



Awards and Recognition

Throughout the years, Martin Lake has been recognized as a community and corporate leader. A few significant awards and milestones include:

- Texas Parks and Wildlife Department selected reclaimed land at Oak Hill Mine as a prime area for their Eastern wild turkey restoration effort, 2014
- Interstate Mining Compact Commission's National Mine Reclamation Award 2014 (Luminant)
- Railroad Commission of Texas' Coal Mining Reclamation Award 2014 (Luminant)
- U.S. Department of the Interior, Office of Surface Mining, Director's Award 2009, five-time Winner (Luminant)

Environmental Responsibility

Luminant is proud of its strong track record of meeting or outperforming all environmental laws, rules and regulations. Luminant has also made substantial investments in new environmental controls and research to create cleaner power production. Martin Lake has the following environmental control equipment:

- Scrubbers designed primarily to reduce SO₂ emissions
- Low NO_x burners and over fire air to reduce NO_x emissions
- Electrostatic precipitator systems designed primarily to reduce particulate matter emissions
- Sorbent injection systems designed to reduce mercury emissions