

Luminant 101



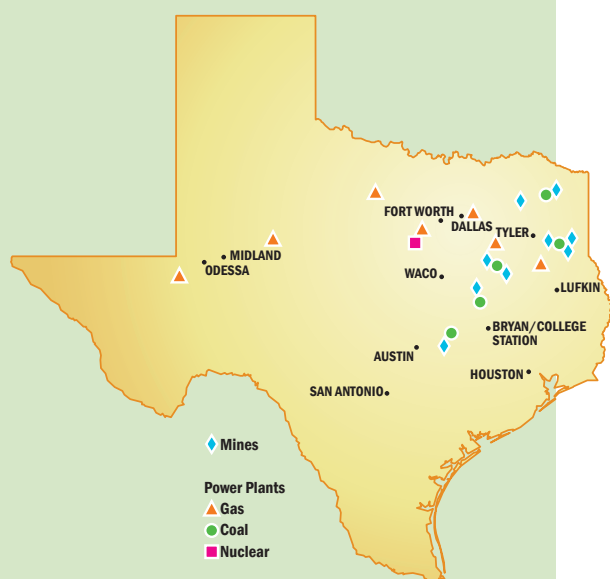
Luminant

www.Luminant.com

WHO WE ARE

Luminant is the largest competitive power generation company in Texas. Our activities include power plant, mining, wholesale marketing and trading, and development operations.

- We have more than 13,700 megawatts of existing electric generation in Texas, including 2,300 MW fueled by nuclear power and 8,000 MW fueled by coal.
- Almost 2,200 MW of our coal fleet is new generation.
- We have restored more than 73,000 acres as part of our lignite coal mining operations and planted more than 33 million trees.
- We are a leading purchaser of wind-generated electricity in Texas and the United States.
- We are a subsidiary of Energy Future Holdings Corp. EFH is a Dallas-based energy holding company. For more information, visit www.Luminant.com or www.energyfutureholdings.com.



WHAT WE DO

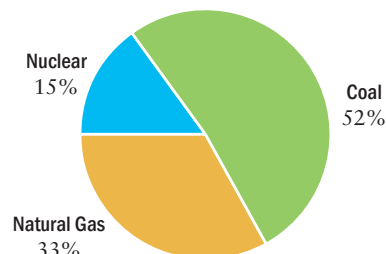
Luminant's generating capacity consists of a diverse mix of plants.

- Nuclear- and coal-fueled plants generate the bulk of the energy and generally operate continuously at capacity. They are high performing in safety and efficiency.
- Natural gas units help meet variable consumption because they can more readily be ramped up or down as demand warrants.



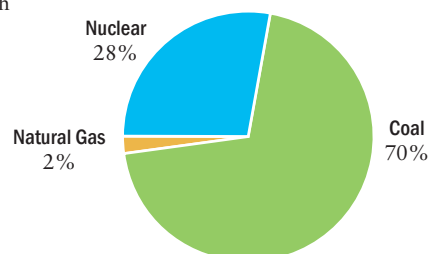
Our Generating Capacity¹

Total: 15,427 MW



Our 2012 Energy Production²

Total: 70,490 GWh



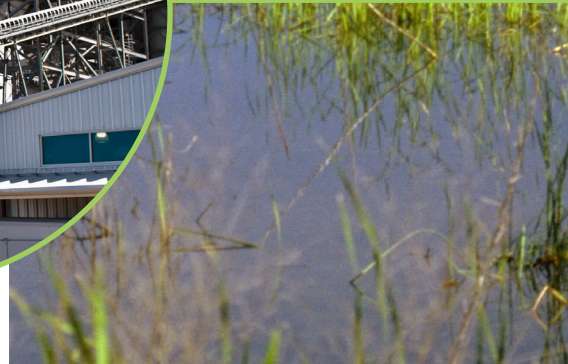
¹ Includes four mothballed units (1,655 MW) not currently available for dispatch

² Excludes purchased power

Our **mining operations** supply a portion of the fuel for the coal-fueled generation plants from more than 1,000 million tons of owned or leased Texas lignite coal reserves. The remainder comes from Wyoming's Powder River Basin.

- Lignite production reached 31 million tons in 2012.
- Texas lignite supplied 74 percent of the fuel for our coal plants in 2012.
- For more than 40 years, Luminant has set the standard in land reclamation, restoring 73,000 acres, planting more than 33 million trees and creating or enhancing 5,100 acres of wetlands, ponds and stream channels.
- Luminant has long been the No. 1 coal-mining operation in Texas and is a top national producer.

Luminant Energy, our wholesale operations, plays a pivotal role by optimally dispatching the generation fleet, sourcing its customers' electricity requirements and managing commodity price risk.



CLEANER POWER FOR TEXAS



We are working to power Texas today and in the future with cleaner energy.

- Our new Oak Grove and Sandow 5 power plants include \$500 million in advanced clear-air emissions controls.
- Oak Grove and Sandow 5 are the nation's first all-lignite units to use activated carbon sorbent injection technology to reduce mercury emissions.
- Oak Grove's key emissions rates are the lowest of any Texas lignite plant and at least 75 percent lower than the national average for coal plants.
- We are evaluating the development of up to 3,400 MW of new advanced-technology nuclear generation for Texas. Nuclear power has the lowest air-emission rate—zero—of any conventional generation technology available.

INDUSTRY-LEADING EMISSIONS REDUCTIONS



We have invested in the largest voluntary program ever undertaken by a power company to reduce key emissions from our coal-fueled generation fleet.

- Our environmental retrofit program has offset 100 percent of nitrogen oxide, sulfur dioxide and mercury emissions from the new coal-fueled units and has significantly reduced key emissions across our existing coal fleet.
- The program includes an array of new control equipment, technology retrofits and other improvements applied to each coal unit.
- Compared with 2005 levels, our coal fleet's key emissions have decreased more than 20 percent, while our generation has increased 21 percent.
- The result of our voluntary retrofit program is a larger fleet of coal plants with lower emissions to power Texas.



AWARDS

We have been recognized with more than 150 awards, including almost 90 for mining and reclamation excellence.

Below are our major recent honors:

- **Director's Award**
U.S. Department of the Interior, Office of Surface Mining
(honored five times)
- **Texas Reclamation Award**
Railroad Commission of Texas
(honored 13 times)
- **Leadership in Energy and Environmental Design (LEED) Certification**
U.S. Green Building Council
Luminant Academy
- **Power Plant of the Year**
Power Magazine
Oak Grove Power Plant
- **Awards for Excellence and Innovation**
Corporate University Xchange
Luminant Academy
- **Technology Transfer Award**
Electric Power Research Institute
- **Shingo Prize for Operational Excellence**
Jon M. Huntsman School of Business at Utah State University
Silver Medallion, Martin Lake Complex; Bronze Medallion, Comanche Peak Nuclear Power Plant

- **Plant of the Year**
Powder River Basin Coal Users Group
Big Brown Power Plant
- **America's Top Corporations for Women Business Enterprises**
Women's Business Enterprise National Council
EFH and its businesses
(honored 13 straight years)
- **Spirit of Caring Award, Pacesetter Award**
United Way of Metropolitan Dallas
EFH and its businesses
(honored with Pacesetter Awards 5 straight years)



Luminant is proud to have received an unprecedented five **Director's Awards** for advancing the science of reclamation from the U.S. Department of the Interior's Office of Surface Mining. This is the industry's highest honor.

We applaud our employees' dedication to the environment and to being a good neighbor in our communities.

COMMUNITY COMMITMENT

Luminant is proud to be an integral part of the communities where our employees live and work.



- The safety of the public and employees is always our top priority.
- Our operations produce a significant economic benefit to Texas through power plant payrolls, purchases, contracts, taxes and other expenditures. We paid more than \$110 million in property taxes in 2012 and are the largest taxpayer by a wide margin in virtually all the communities where we operate power plants.
- We invest billions of dollars in new infrastructure and development. Our multiyear investment in the recent construction of new power facilities generated employment for thousands of construction workers. The completed plants and mines provide hundreds of high-quality jobs for rural areas.
- We also take pride in powering our communities through philanthropy, leadership and employee volunteerism. In 2012, Luminant's charitable and community-related contributions totaled almost \$1.5 million. In addition, employees pledged nearly \$650,000 in support of United Way and TXU Energy AidSM.
- Educational outreach is an essential part of our community involvement and is helping assure a future of energy progress.
 - The unique Luminant Environmental Research Program has produced outstanding scientists and environmental professionals and provided Luminant with sound environmental solutions since 1971.
 - Luminant Academy, with its state-of-the-art training facility, provides technical, lean manufacturing and leadership training for our power generation and mining teams.
 - Luminant Power Track, our career development scholarship program, covers books and tuition toward one of four power plant degree paths. Students also participate in a paid internship at a Luminant power plant and gain the opportunity to forge a relationship that could grow into a full-time job.

LUMINANT FUN FACTS

- **Largest competitive generator** in Texas, the world's **11th-largest** power market.
- A **leading purchaser of wind power** in Texas and the nation.
- **Top coal miner** in Texas and **8th largest** in the nation.
- Nationally acclaimed, **award-winning land reclamation**, resulting in more than **33 million trees** planted in an industry-leading **reforestation** program.
- **Largest voluntary emissions-reduction program** ever undertaken by a U.S. power company.
- **Cleaner power** for Texas through advanced **environmental technologies** on 2,200 MW of new capacity.
- A team of **4,300 hard-working employees** powering Texas.

