

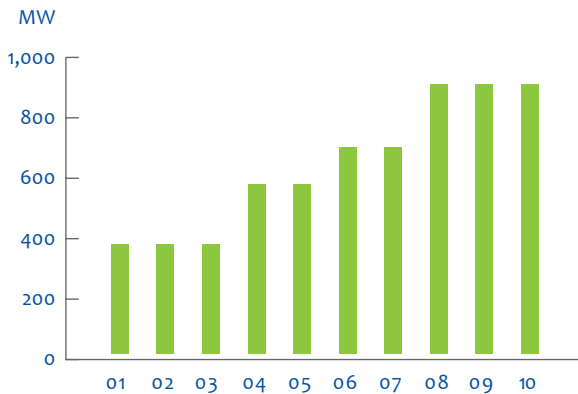


# WIND LEADERSHIP

Luminant has been the leader in purchasing electricity from Texas wind generators since the industry's infancy. Our support of this renewable energy over more than three decades has helped Texas blow past every other state to become the unrivaled pacesetter in wind generation. And we are keeping our commitment to expand our investment in wind energy. But wind generation has its limitations. The wind does not always blow, especially at times of highest customer use, and electricity cannot currently be stored economically. While wind and other alternatives play a valuable role, more reliable generation sources such as coal and nuclear power are essential for meeting Texas' energy needs.

## Luminant has long been Texas' largest purchaser of wind capacity

Current capacity: 913 megawatts



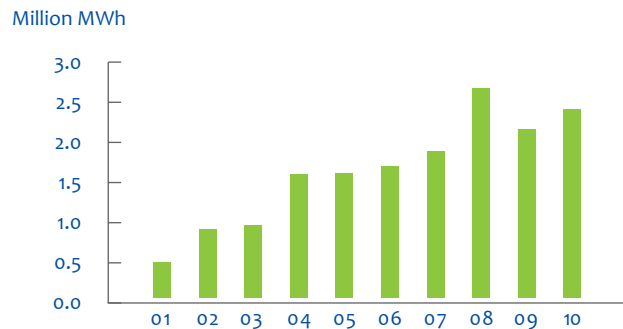
## Luminant Leads the Way

With a wind portfolio of more than 900 megawatts, Luminant is Texas' No. 1 purchaser of this growing resource and the nation's fifth-largest purchaser.

- These purchases are enough to serve about 400,000 Texans.
- Luminant is keeping its commitment to increase its investment to over 1,500 MW.
- Long-term purchased power agreements like Luminant's are the financial foundation that enables Texas wind plants to be built.
- With more than 10,000 MW of wind installation, Texas has experienced explosive growth and today outdistances all other states.

## Luminant-supported wind capacity has produced over 16.5 million megawatt-hours of wind energy

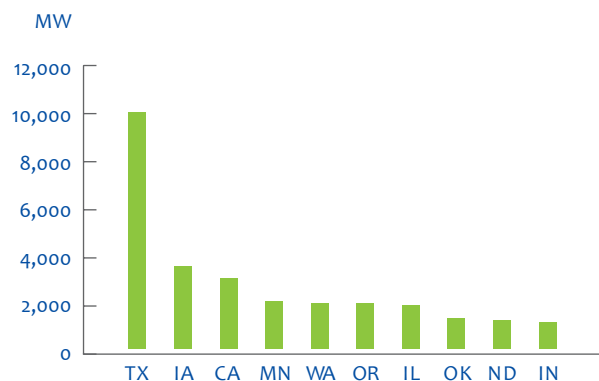
Total wind energy: 16.5 million megawatt-hours



West Texas wind turbines



## Texas is the unrivaled national leader in wind generation



Source: American Wind Energy Association

## Luminant's Investment in a Cleaner Future

- Along with a commitment to increase its wind purchases, Luminant has added almost 2,200 MW of new coal-fueled generation equipped with advanced environmental technology.
- Luminant has also installed additional environmental control systems at its legacy coal facilities.
- And evaluation of the expansion of up to 3,400 MW of new nuclear generation is underway. Nuclear power has the lowest air-emission rate—zero—of any conventional generation technology available.

## Challenges to Harnessing the Wind

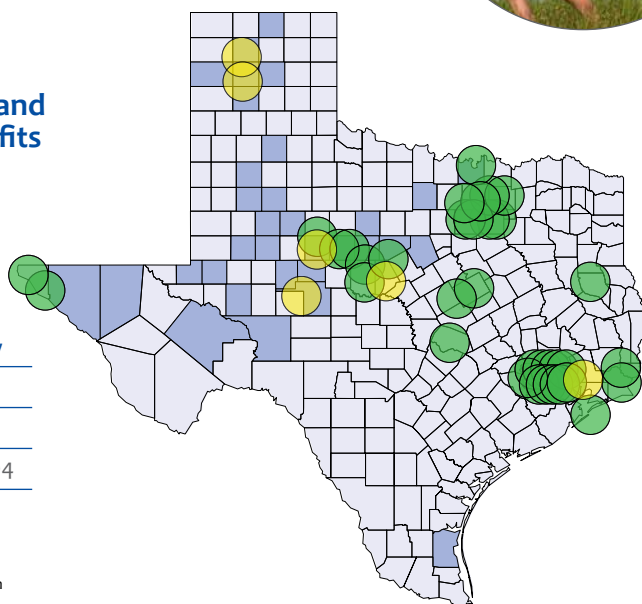
- While Texas has vast, valuable wind resources, wind power does have its limitations.
- Wind's variability can make it challenging to integrate into the electrical grid and still maintain a stable power supply. And electricity cannot be stored economically on any commercial scale at this time.
- During the hottest part of summer days, when customer use is the highest, Texas winds are often calm. On average, wind now generates almost 8 percent of the electricity in ERCOT, the electric grid that serves most of Texas. Still, the vast majority of the load is served by conventional generation.
- Finally, Texas does not currently have sufficient transmission lines to move all the wind power from remote, windy West Texas to the big cities. But a \$5 billion transmission plan will enable almost 18,500 MW of wind generation to reach the market beginning in 2014, dramatically increasing Texas' wind capacity.

*Wind generation plays an increasing role in Texas*



## The wind industry in Texas has created powerful economic and environmental benefits

	MW
Added in 2010	680
Under construction	60
Projects in queue	63,504



- Counties with installed wind projects
- Online wind energy manufacturing facilities
- Announced wind energy manufacturing facilities

Source: American Wind Energy Association

For more information on Luminant's environmental programs, visit [www.Luminant.com/Environment](http://www.Luminant.com/Environment)