Texas for Clean Power, Clean Power for Texas

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What We’ll Cover

- Why There’s Reason for Hope, Especially in the Power Sector
- Coal’s Decline
- Advanced Energy Jobs
- The Imperative to Deal with Climate Change
- What you can do
Texas Grid Operator Reports Fuel Mix Is Now 30% Carbon-Free

The latest data from ERCOT shows wind generation set new records in 2018—and lots of solar in the pipeline.

JEFF ST. JOHN  |  JANUARY 23, 2019
Texas is #1 in wind with nearly 3x next closest state

- Texas: 24.2 gigawatts of wind capacity
- Iowa: 8.3 gigawatts of wind capacity
- Oklahoma: 8.1 gigawatts of wind capacity
- California: 6.0 gigawatts of wind capacity
- Kansas: 5.4 gigawatts of wind capacity
Solar is coming #summerofsolar
But the wind doesn’t always blow and the sun doesn’t always shine!!
Coal Use Down Significantly but still too high

Source: http://www.ercot.com/content/wcm/lists/181766/FuelMixReport_PreviousYears.zip
ADVANCED ENERGY:

A Wide Range of Texas Jobs

233,400 JOBS

154,600 JOBS in Energy Efficiency
Helping homes, offices, industry save money

44,200 JOBS in Advanced Electricity Generation
Solar, bioenergy, natural gas, wind & nuclear power
When it comes to state action, Texas matters

2016 top emitting states’ share of US net total (MMt CO₂e)

Source: Rhodium US Climate Service
So what can we do?

- Talk about climate change.
- Put pressure on policymakers to:
  - Hold hearings
  - Require adaptation and resiliency plans
  - Present their plans for reducing emissions
- Support
  - Bulk renewables in the ERCOT market
  - Storage
  - Electric vehicles
  - Distributed energy resources (DERs)
  - Regulation of flaring
  - Carbon capture and storage
- Don’t forget to engage on local climate plans: both adaptation and mitigation