Supply Side: ERCOT Energy Sources in 2020

2020 Energy Use

Total energy consumed: 381,896,151 MWh

45.5%	22.8%	17.9%	
Natural Gas	Wind	Coal	
Other includes solar, hydro, petroleum coke, biomass, landfill gas, distillate fuel oil, net DC-tie and Block Load Transfer imports/exports and an adjustment for wholesale storage load		10.9% Nuclear 2.9% Other	

Natural Gas

- Natural Gas has historically played a large role in Texas power generation.
- Energy prices in ERCOT are very sensitive to gas prices.



<u>Wind</u>

- Wind generation record: 22,893 MW (Jan. 14, 2021)
- Wind penetration (load served): 60.4% (Jan. 30, 2021)

<u>Coal</u>

 Coal fleet includes some newer units.

<u>Solar</u>

Rapid growth in utilityscale solar expected