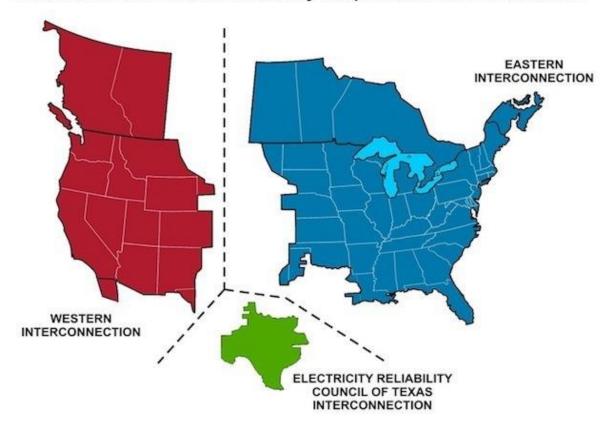
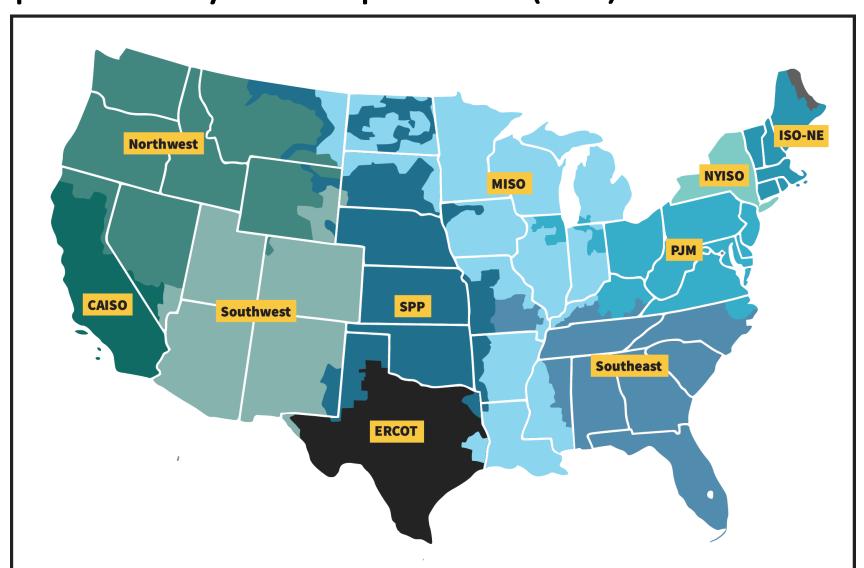


Three Asynchronous Grids in Lower 48

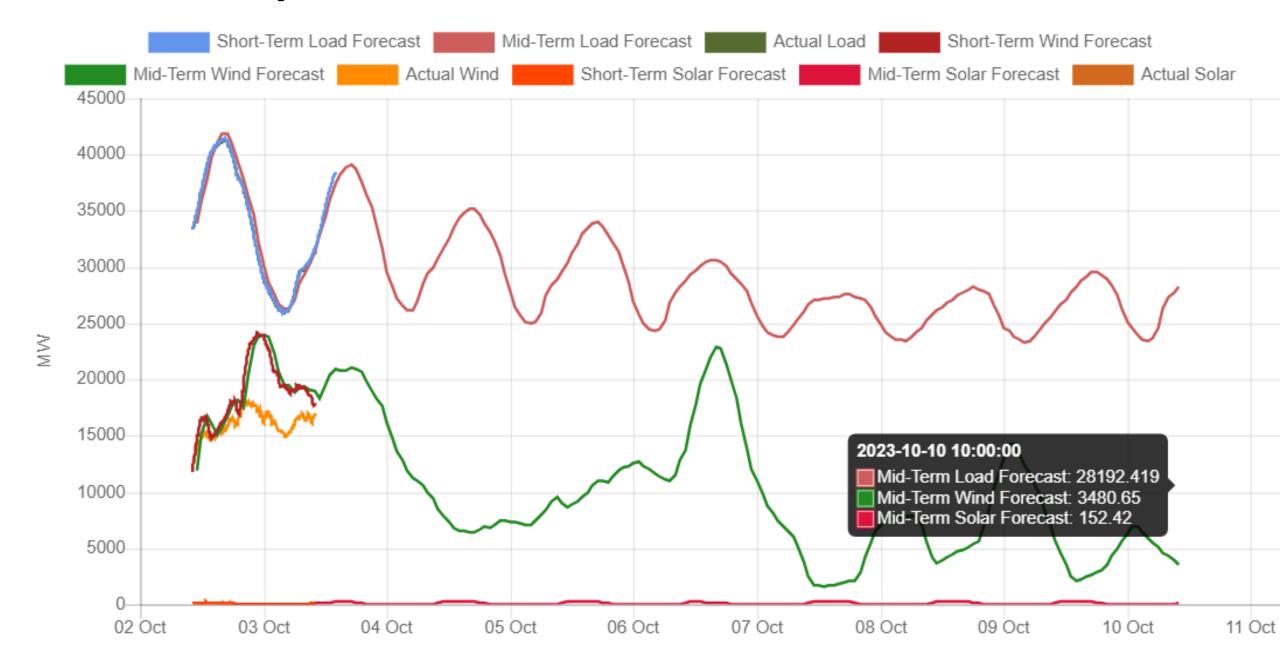
North American Electric Reliability Corporation Interconnections



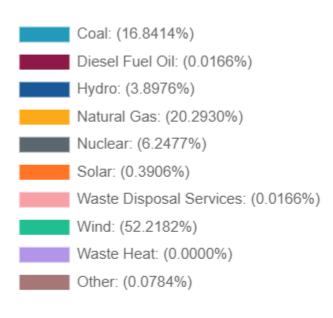
Regional Transmission Operators (RTO) Independent System Operators (ISO)

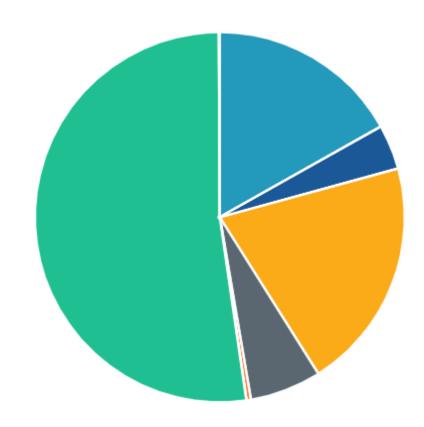


SPP 10-Day Outlook

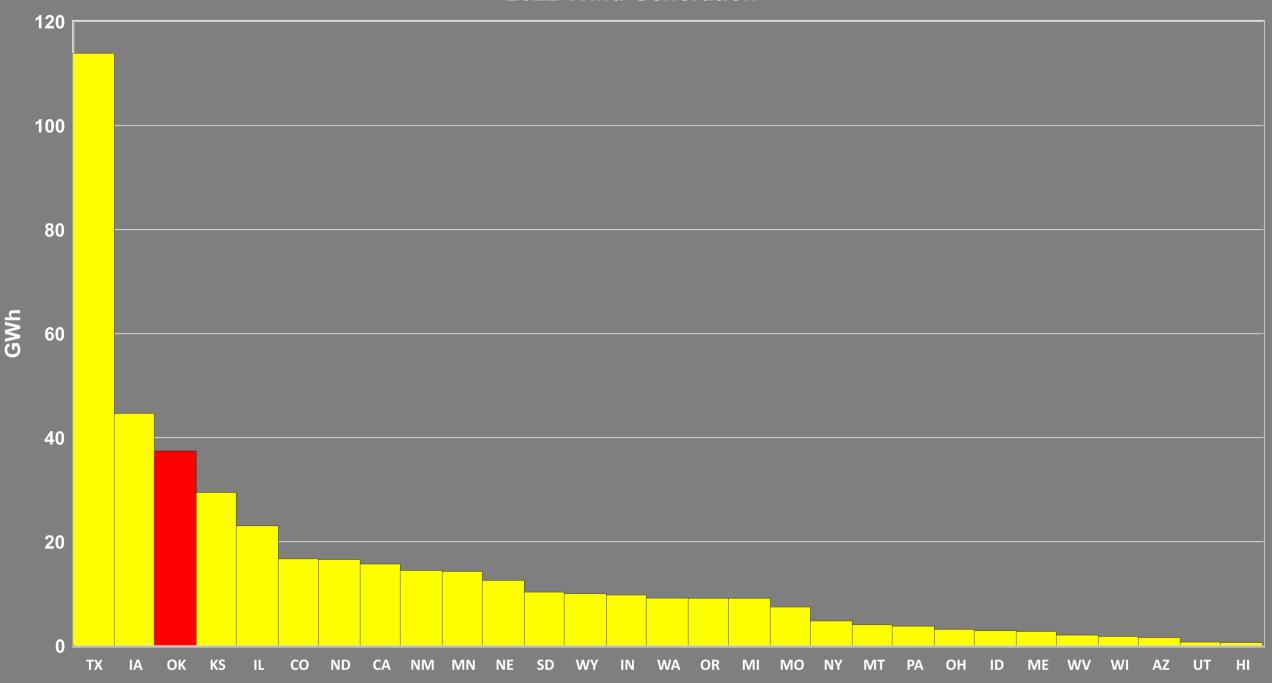


SPP Power Generation 10/2/2023 10:15 am CDT

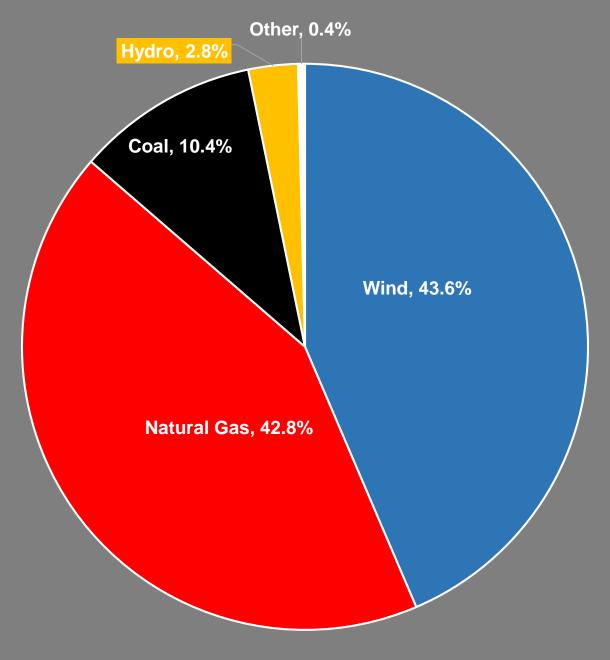




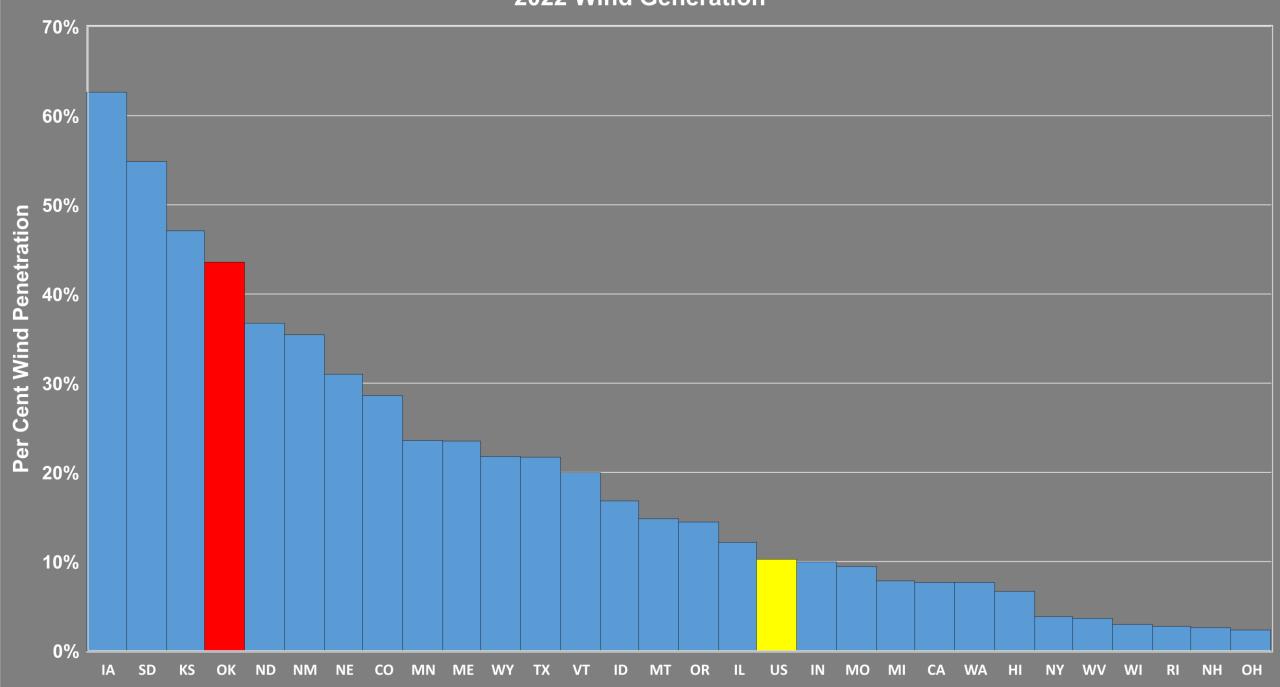
2022 Wind Generation



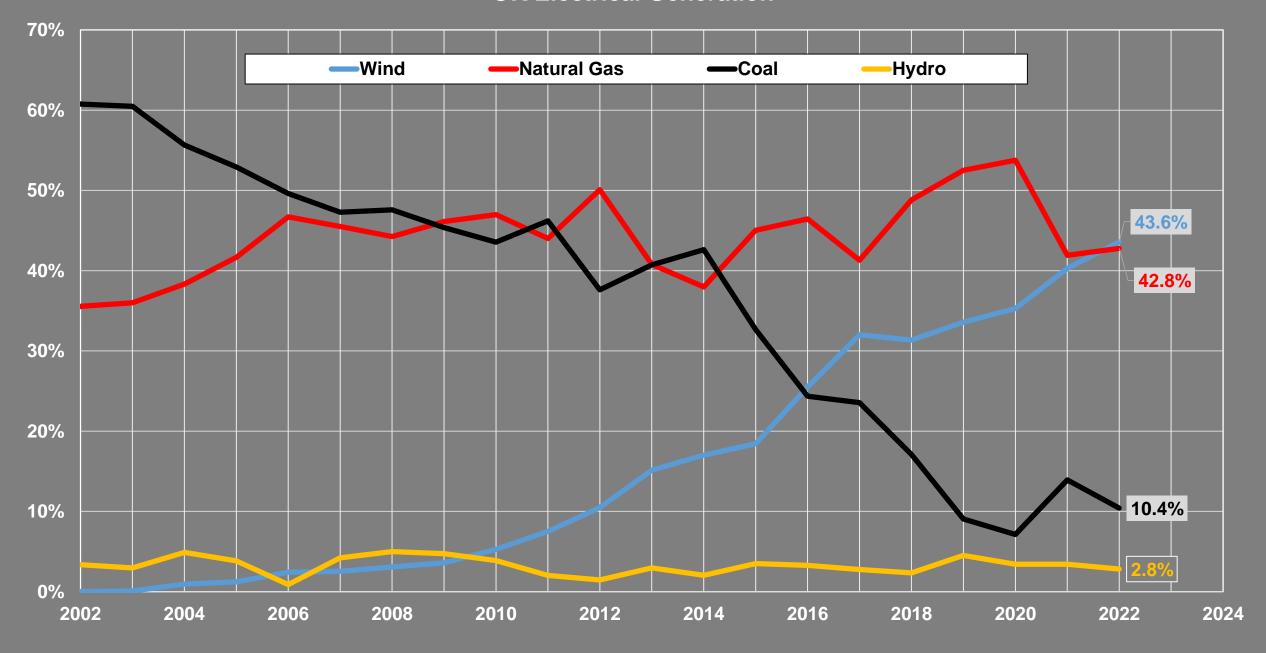
2022 OK Generation



2022 Wind Generation

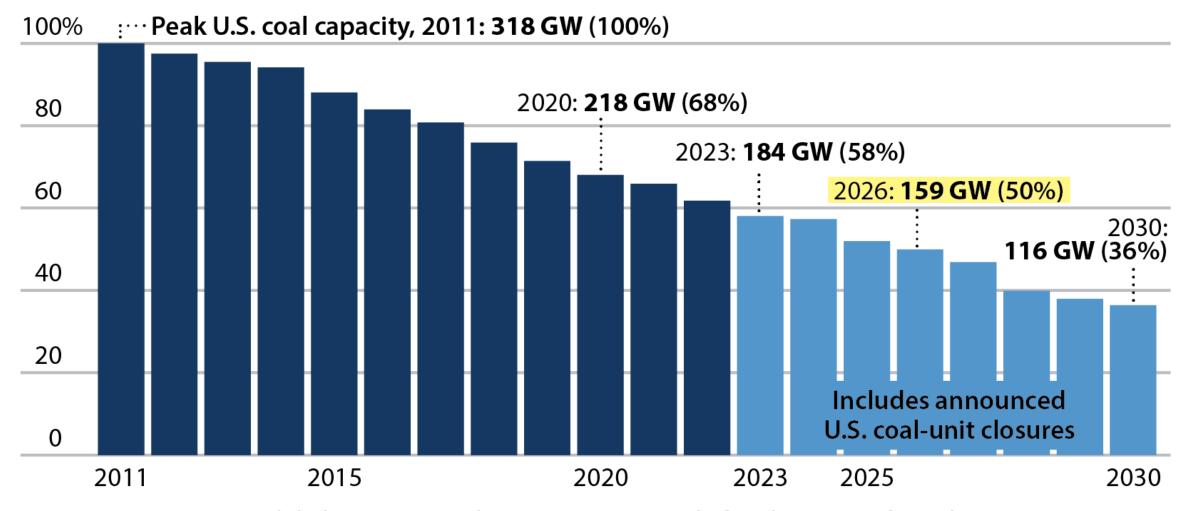


OK Electrical Generation



Half of Peak Coal-Fired Generation Capacity to Close in U.S. by 2026

The peak of coal's power generation capacity was in 2011, at 317.6 GW. Just 15 years later, in 2026, half of that capacity will be gone — replaced by gas, wind and utility-scale solar.



Sources: EIA; PJM; S&P Global; IEEFA research (2021-2030)

End of each year, as of March 7, 2023

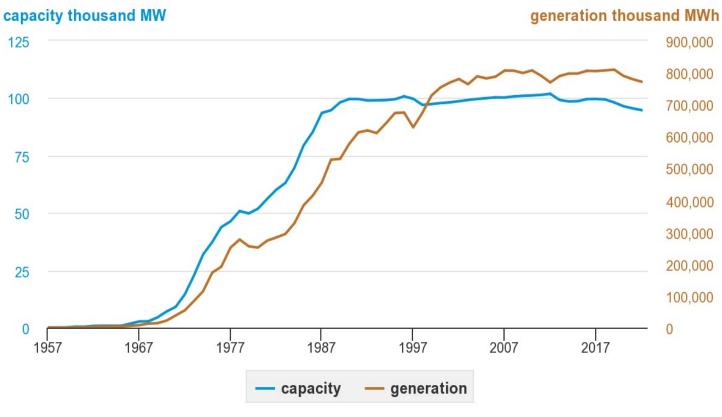
IEEFA

Oklahoma Coal-Fired Generation Stations

Name	Capacity (MW)	Year Completed
Grand River Energy Center	594	1985
Hugo Power Plant	446	1982
Muskogee Generating Station	572	1984
Northeastern Station	473	1979
River Valley Generating Station	350	1990 - Unit 1
		1990 - Unit 2
Sooner Generating Station	1,138	Unit 1 - 1979
		Unit 2 - 1980
TOTAL	3,573	

US Nuclear Domestic Power Industry

U.S. nuclear electricity generation capacity and generation, 1957-2022



- First Commercial Reactor 1958
- Today 93 Reactors at 54 sites
- 28 states have nuclear reactors
- Alvin V. Vogtile #3 online 2023
- Alvin V. Vogtile #4 on line 2024

Data source: U.S. Energy Information Administration, *Monthly Energy Review*, Table 8.1, July 2023, preliminary data for 2022

Note: Capacity is net summer; MW is megawatts; MWh is megawatthours.