

Region

Select all

Midwest

National

Northeast

South

West

Total Generation

644.52M MWh

% From renewables

10.84%

NatGas CAGR (%)

1.99%

Coal → Renewables Crossover Year

2018

Fuel Group

Select all

Coal

Natural Gas

Nuclear

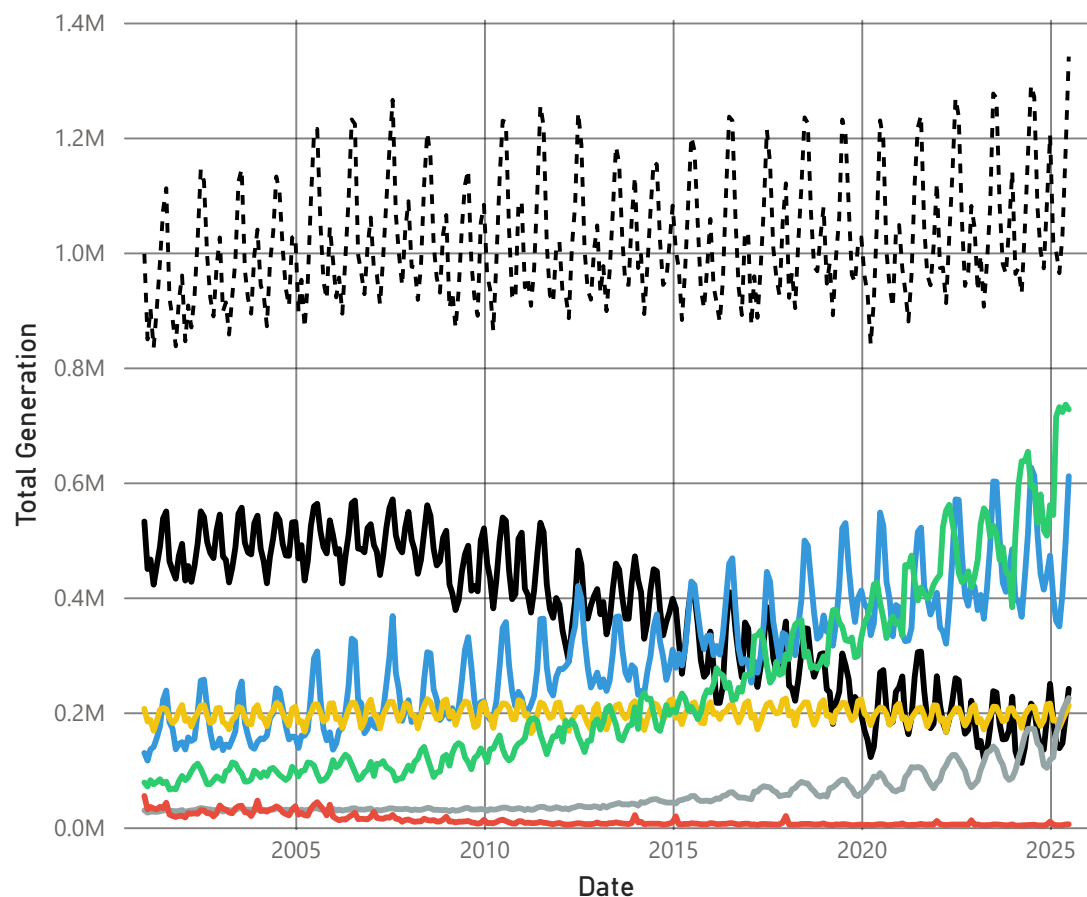
Other

Petroleum

Renewables

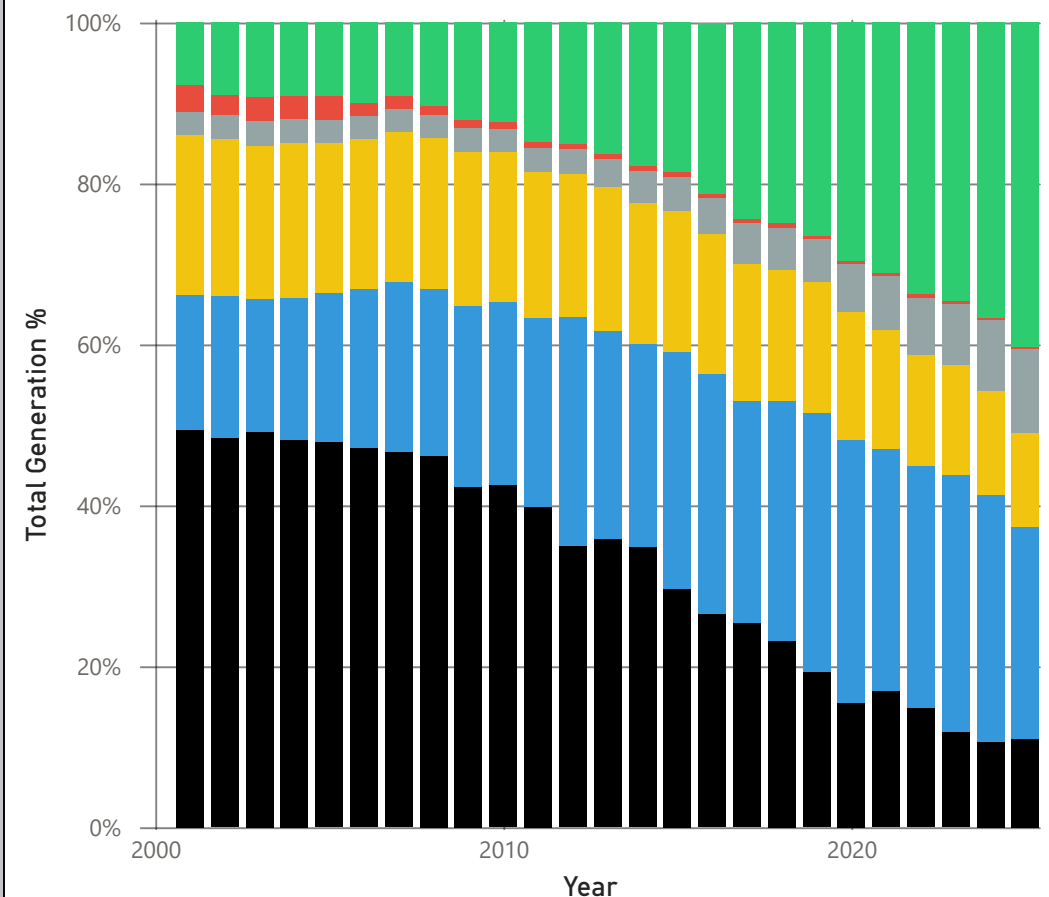
Generation by Fuel Source Over Time

FuelGroup ● Coal ● Natural Gas ● Nuclear ● Other ● Petroleum ● Renewables ● Total



Fuel Mix % by Year

FuelGroup ● Coal ● Natural Gas ● Nuclear ● Other ● Petroleum ● Renewables



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Fuel Group

Select all

Coal

Natural Gas

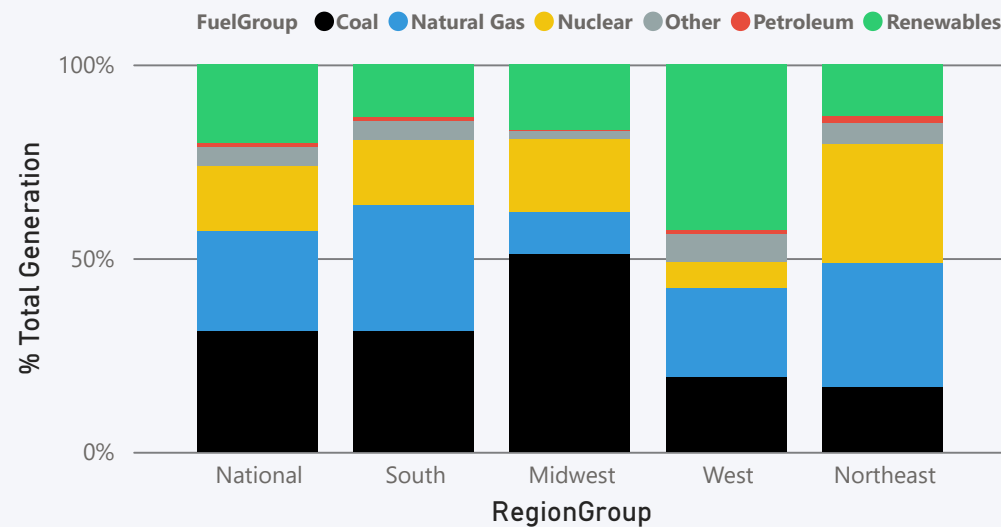
Nuclear

Other

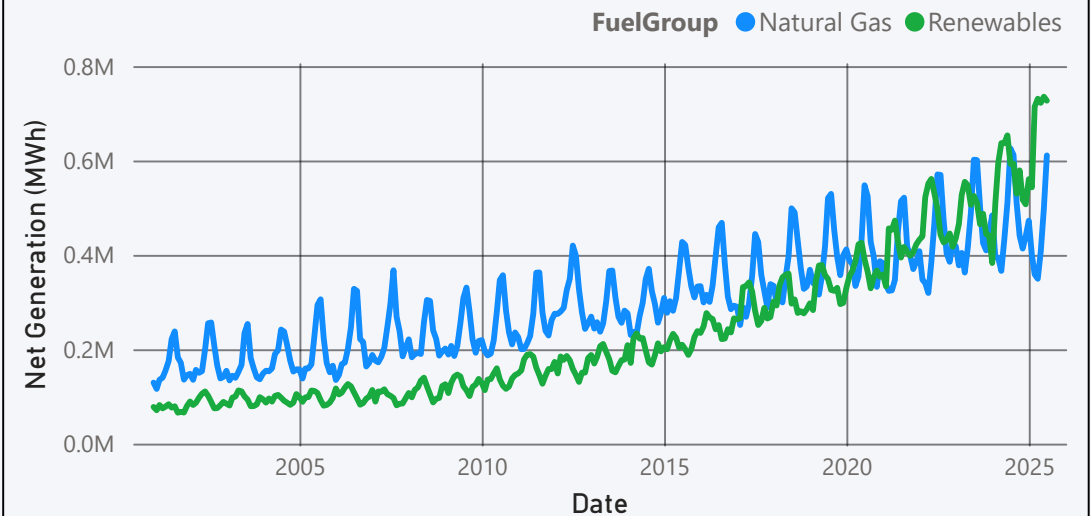
Petroleum

Renewables

% Total Generation by RegionGroup and FuelGroup



Natural Gas Vs Renewables



Year-over-Year Generation Change

[illegible]

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Fuel Group

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Coal

Natural Gas

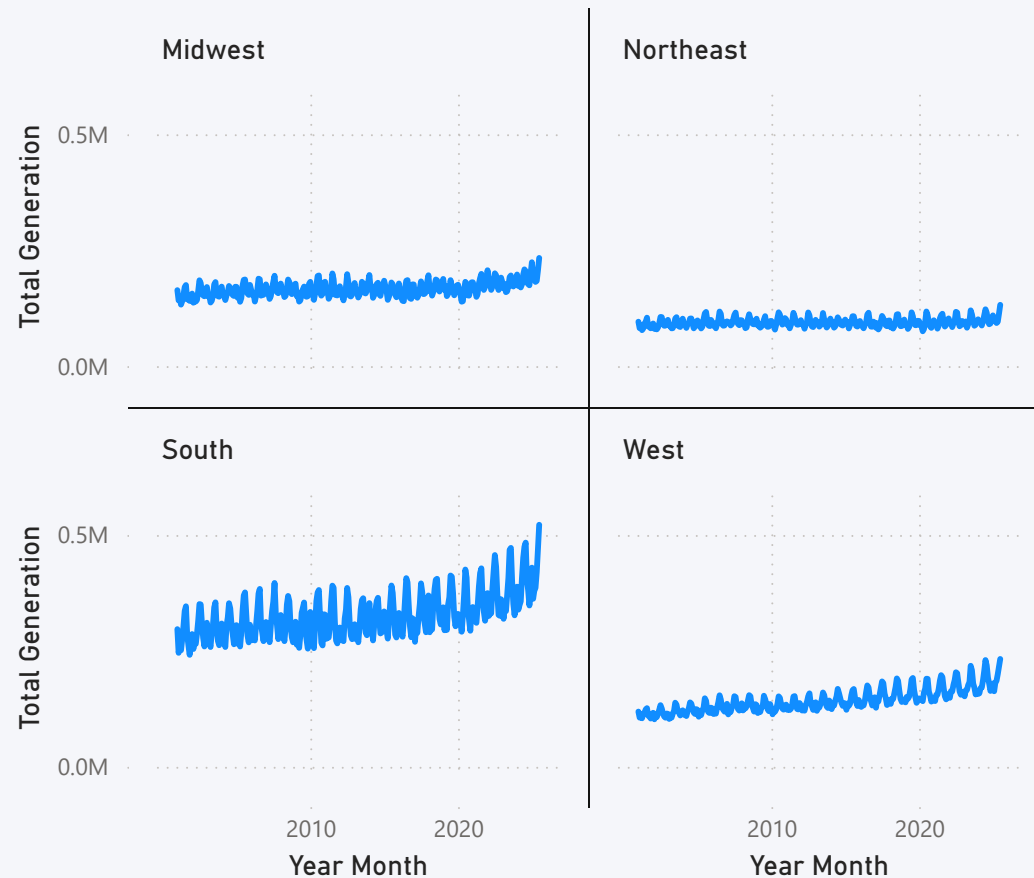
Nuclear

Other

Petroleum

Renewables

Total Generation by Year, Month and RegionGroup



Top Fuel Region

South (95.9 MWh)

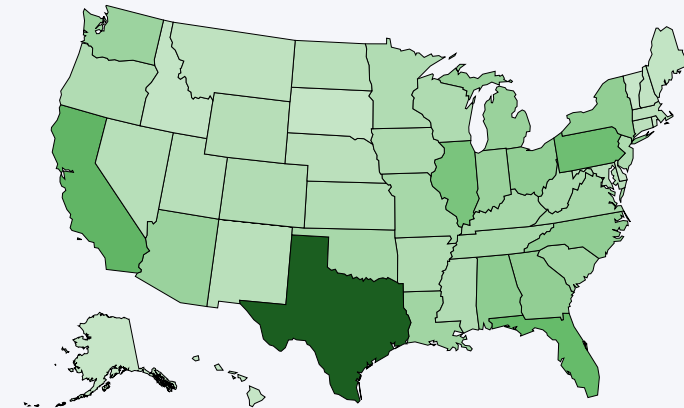
Top Renewables Region

West (24.1%)

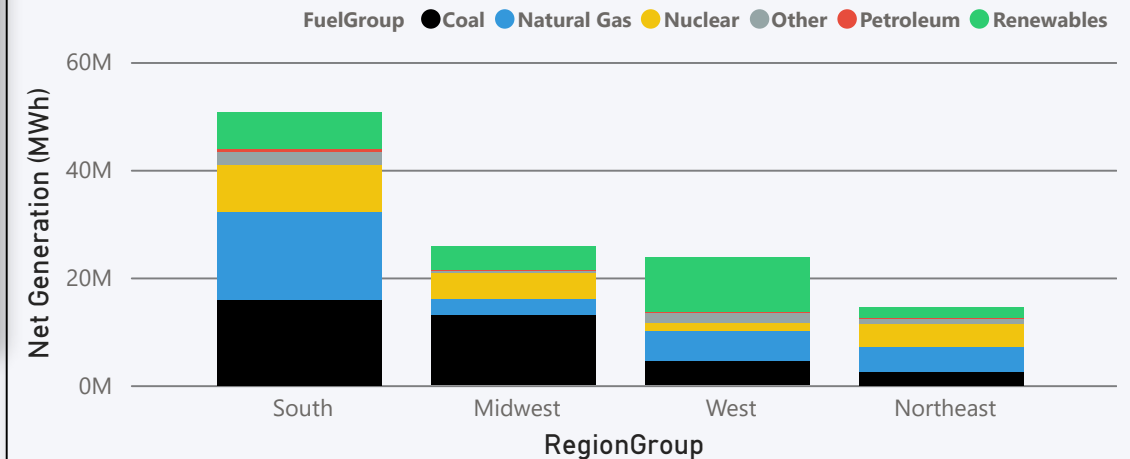
Top Coal Region

Midwest (26.8%)

Regional Energy Mix by Census Region



Net Generation (MWh) by RegionGroup and FuelGroup



Region

Select all

Midwest

Northeast

South

West

Total Generation

214.83M MWh

% From renewables

10.84%

NatGas CAGR (%)

1.99%

Fuel Group

Select all

Coal

Natural Gas

Nuclear

Other

Petroleum

Renewables

National Generation Trends (2001–2025)

- **Total Generation:** 644.52M MWh
- **Renewables Share:** 10.84% (2025)
- **Natural Gas CAGR:** 1.99%
- **Coal vs. Renewables Crossover:** Occurred in **2018**, marking a significant shift in fuel dominance.

Fuel Mix Evolution

- **Coal:** Declined from 49.35% (2001) to 26.57% (2016)
- **Natural Gas:** Rose from 16.80% to 29.85% in the same period
- **Renewables:** Grew steadily from 7.79% to 21.25%
- **Petroleum:** Fell sharply to under 1%
- **Nuclear:** Stable but slightly declining (~19% to ~17%)

Regional Highlights

- **Top Generation Region:** South (95.9M MWh)
- **Top Renewables Region:** West (24.1% of mix)
- **Top Coal Region:** Midwest (26.8% of mix)

Fuel Source Comparison

- Renewables have surpassed coal nationally.
- Natural gas remains dominant but is plateauing.
- Regional disparities in fuel reliance suggest differing policy and infrastructure maturity