

# U.S. Grid Operations — Executive Overview

Real-time analytics across 10 US balancing authorities

Data Through

Feb 11, 2026, 12:00:00 AM

Balancing Authority

Forecast MAPE (%)

5.55

Avg Demand (MW)

42223

Peak Demand (MW)

139,410

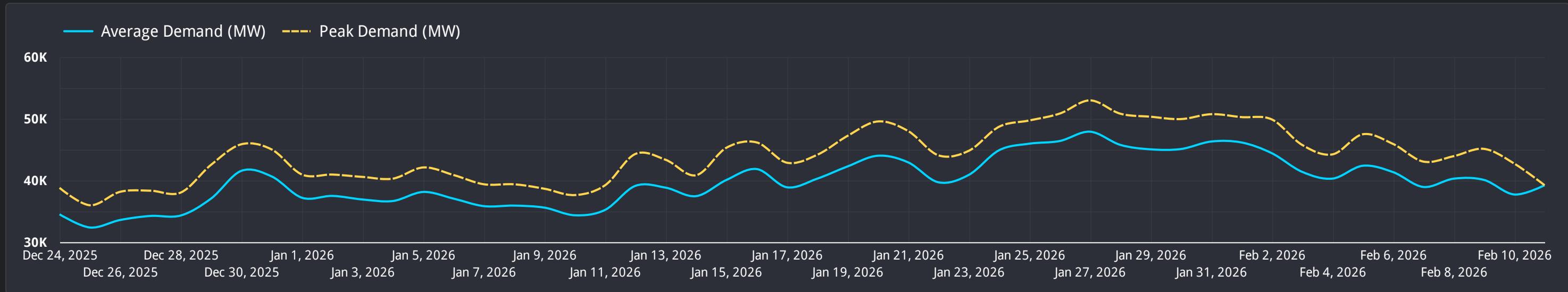
Renewable Share (%)

31

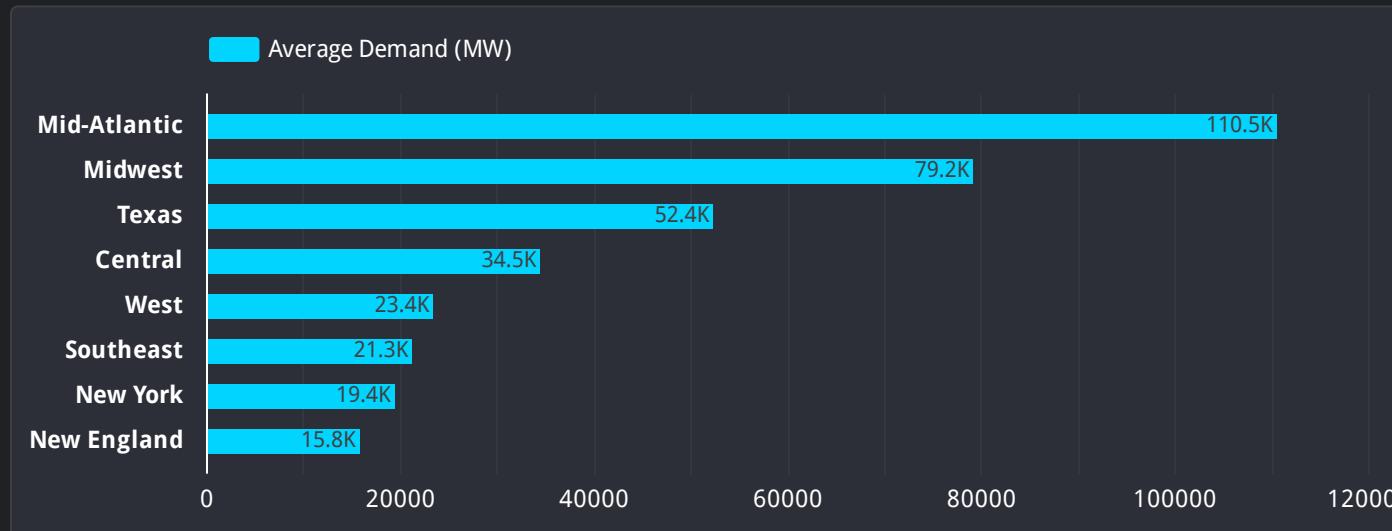
Avg Price (¢/kWh)

17.89

## Demand & Peak Trend — 60-Day Rolling Window



## Average Demand (MW) by Region



## Renewable Share (%) by Region



# Grid Operations - Daily Forecast Performance

Select date range

BA Selector

Region Selector

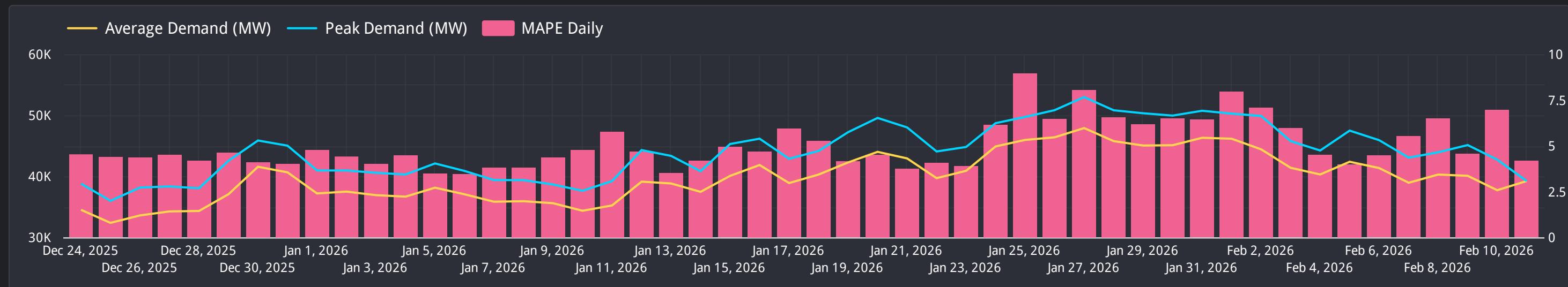
Daily MAPE  
5.05

Avg Demand (MW)  
39.9K

Peak Utilization (%)  
64.0

Hours Above 90% Utilization  
0

## Daily Demand vs. Forecast Accuracy (MAPE %)

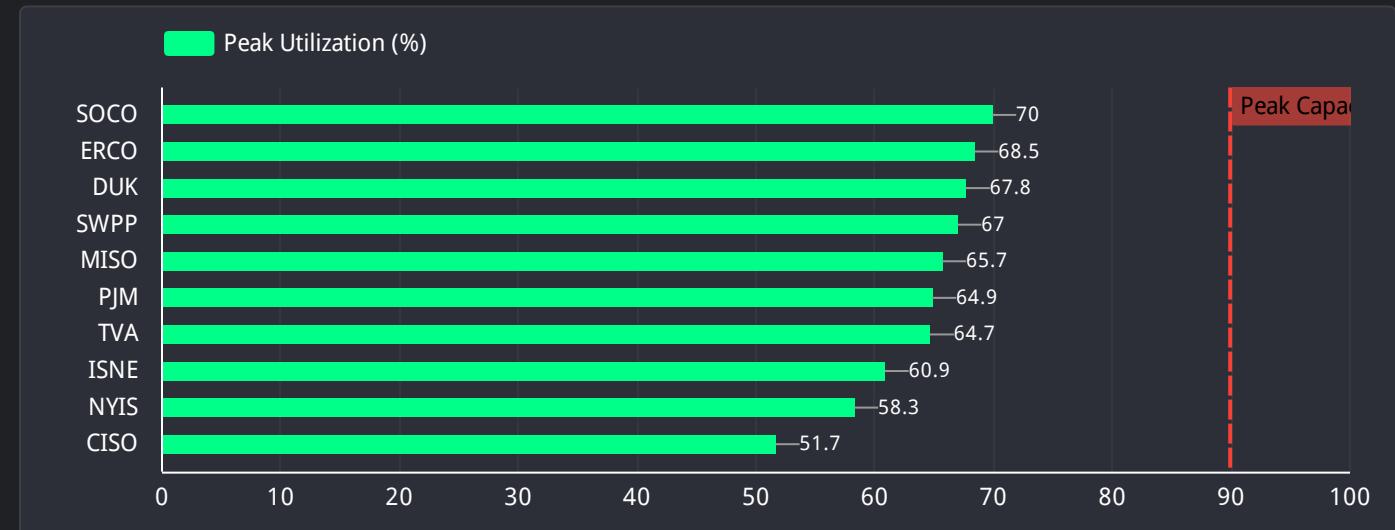


## Forecast Accuracy by Balancing Authority

BA NAME	MONTH	MAPE (%)	RMSE (MW)	MEAN BIAS (MW)
1. Duke Energy Carolinas	Feb 1, 2026	21.15	3,269.8	2,694.3
2. Southwest Power Pool	Jan 1, 2026	13.48	6,355.6	-5,673.1
3. Southwest Power Pool	Dec 1, 2025	13.34	5,117.6	-4,970.3
4. Southwest Power Pool	Feb 1, 2026	11.3	4,454.5	-4,337.4
5. Duke Energy Carolinas	Jan 1, 2026	9.51	2,063.6	805.1
6. California ISO	Jan 1, 2026	7.98	2,938	1,526.7
7. California ISO	Dec 1, 2025	7.05	2,421.9	990.1

1 - 30 / 30 < >

## Peak Utilization (%) by BA



# U.S. Energy Transition - Generation Mix Analysis

Select date range

State

Census Region

Renewable Share (%)

30.6

Total Generation (MWh)

30.8M

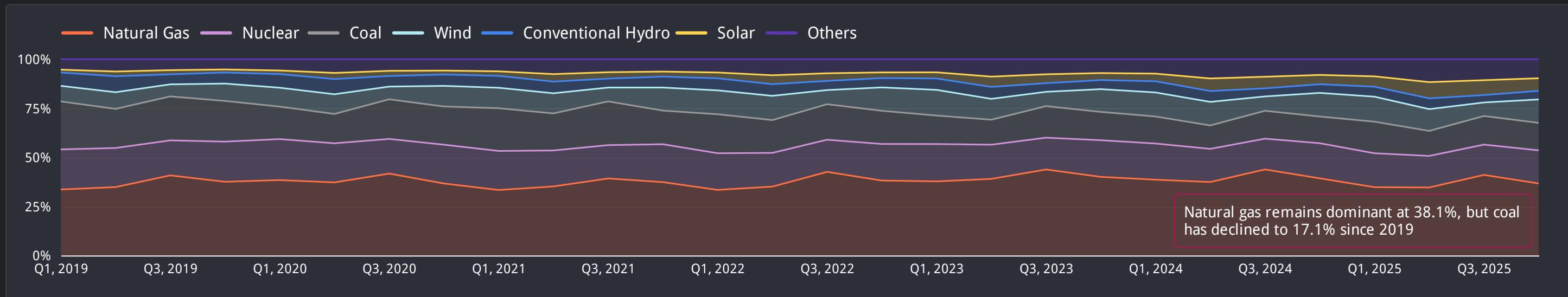
Coal Share (%)

19.6

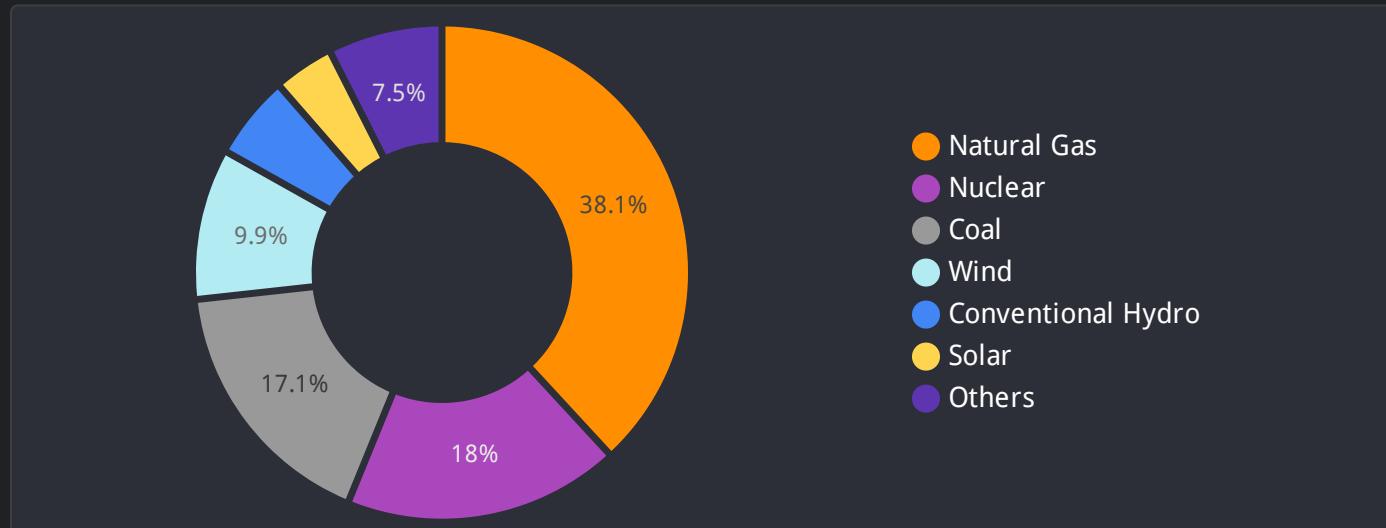
Wind + Solar Share (%)

18.6

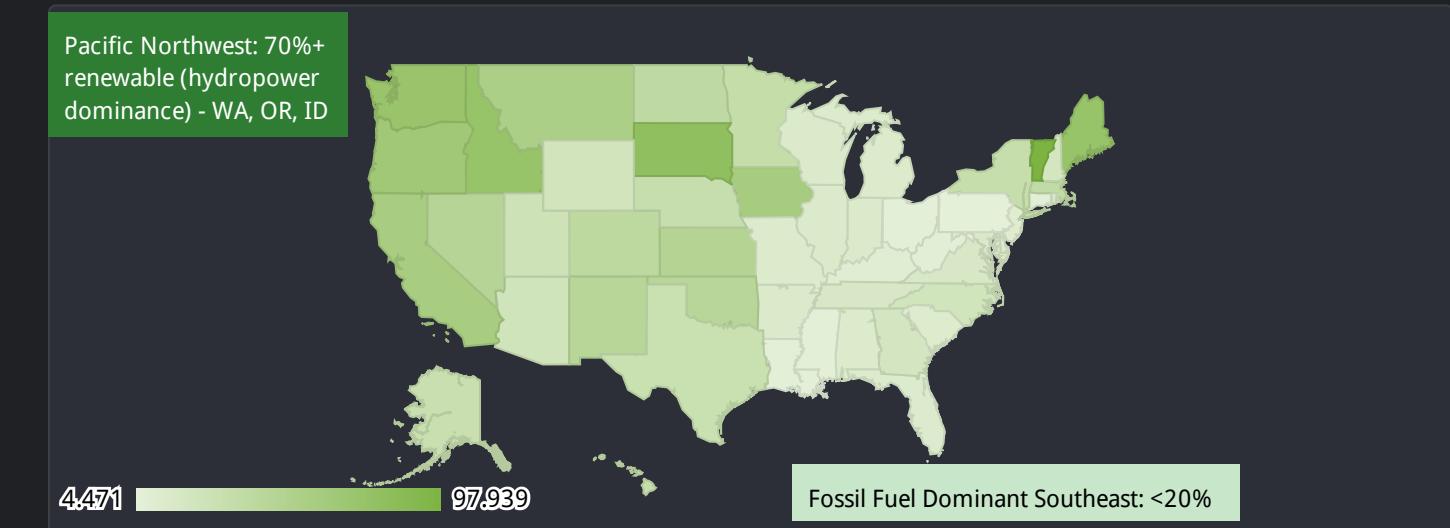
## U.S. Generation Mix Share (%) — 2019–2025



## Generation by Fuel Type — Current Mix



## Renewable Share by State



# Renewable Energy Economics — Price vs. Share Analysis

Select date range

State

Sector

Avg Residential Price (¢/kWh)

10.81

Total Revenue (\$M)

3.2M

Avg Renewable Share (%)

35.22

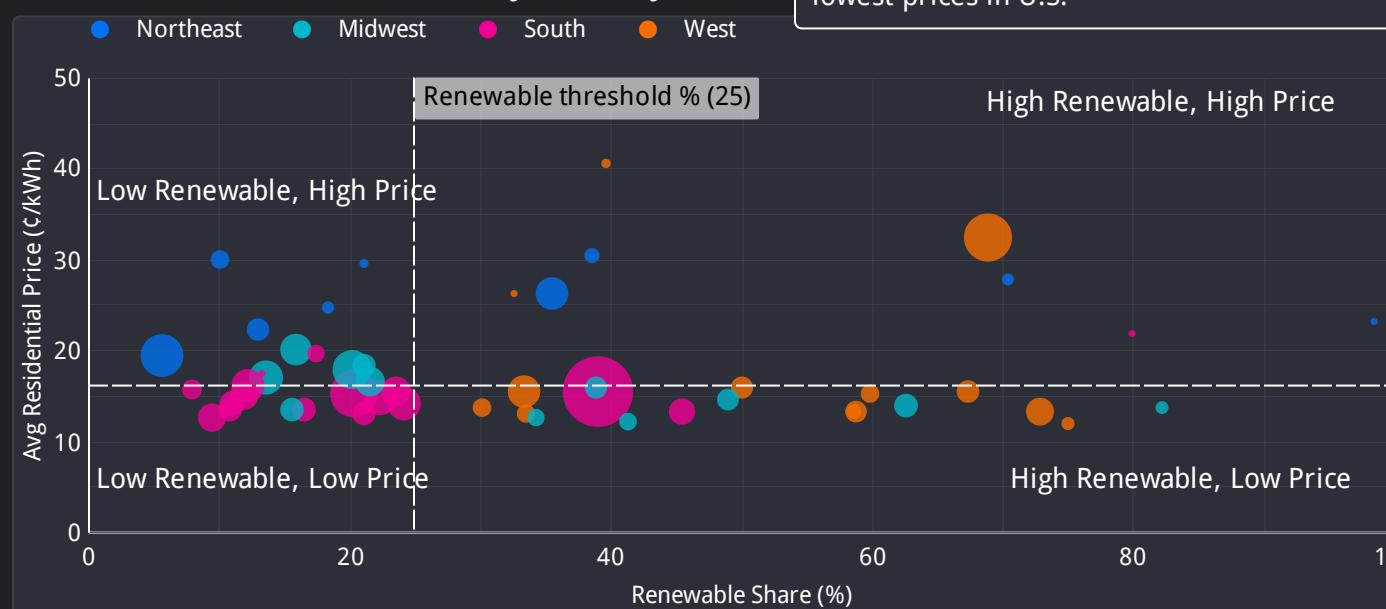
Highest Price State (¢/kWh)

Hawaii

## Electricity Price by Sector Over Time (¢/kWh) — 2019–2025



## Renewable Share vs. Electricity Price by State



## Top 10 Most Expensive States (¢/kWh)

