



Winter Storm Uri New Mexico & Texas

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March 4, 2021



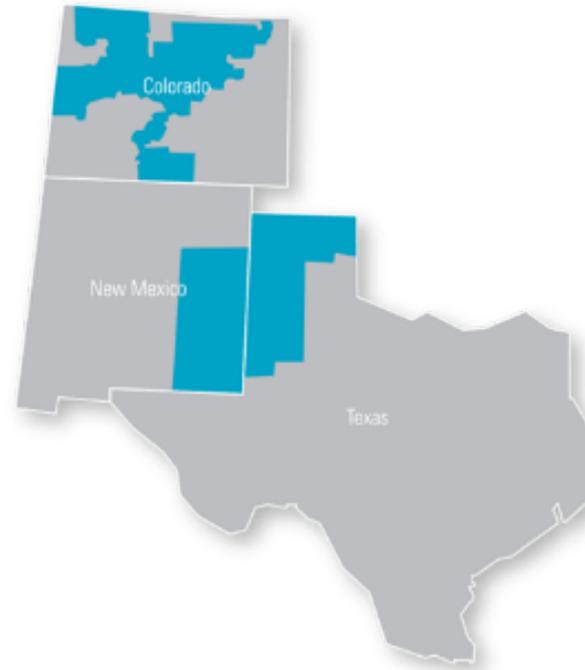
About Xcel Energy

Serving eight states

- 3.7 million electricity customers
- 2.1 million natural gas customers

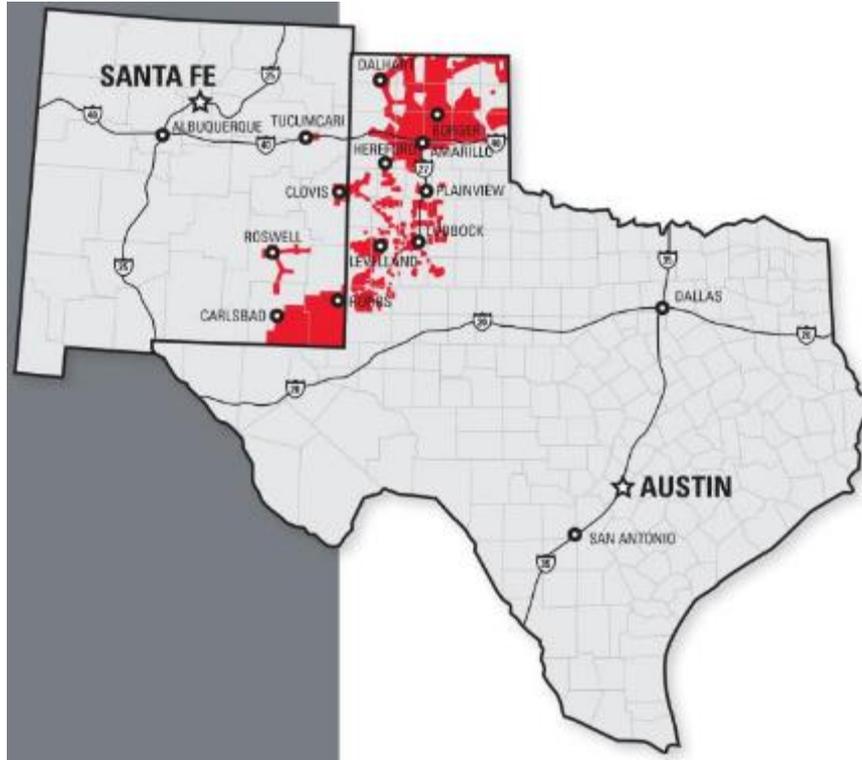
Nationally recognized leader

- Wind energy
- Energy efficiency
- Carbon emissions reductions
- Innovative technology





Texas and New Mexico Customers

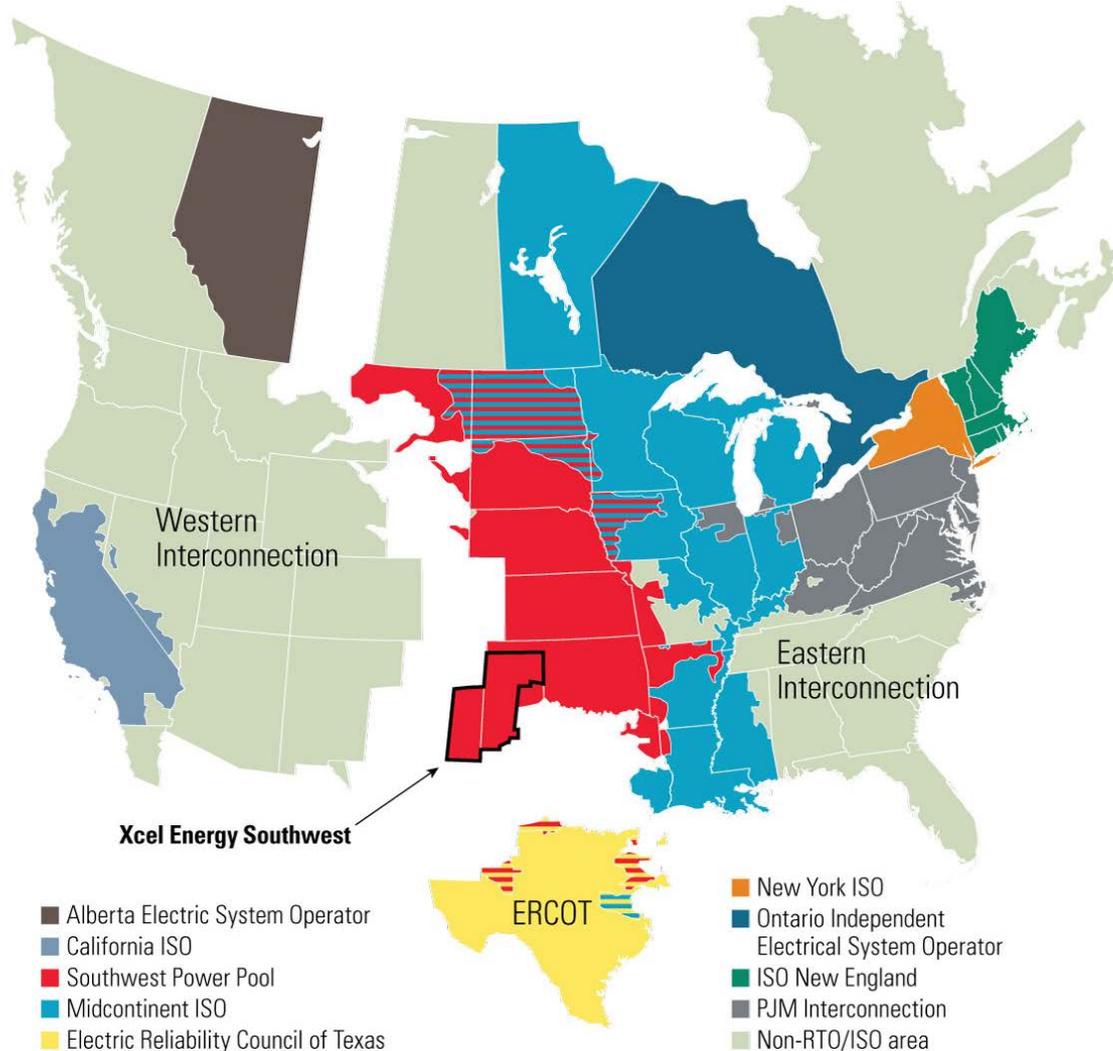


**385,015
Electric
Customers**

**99.9%
Electric
Reliability**



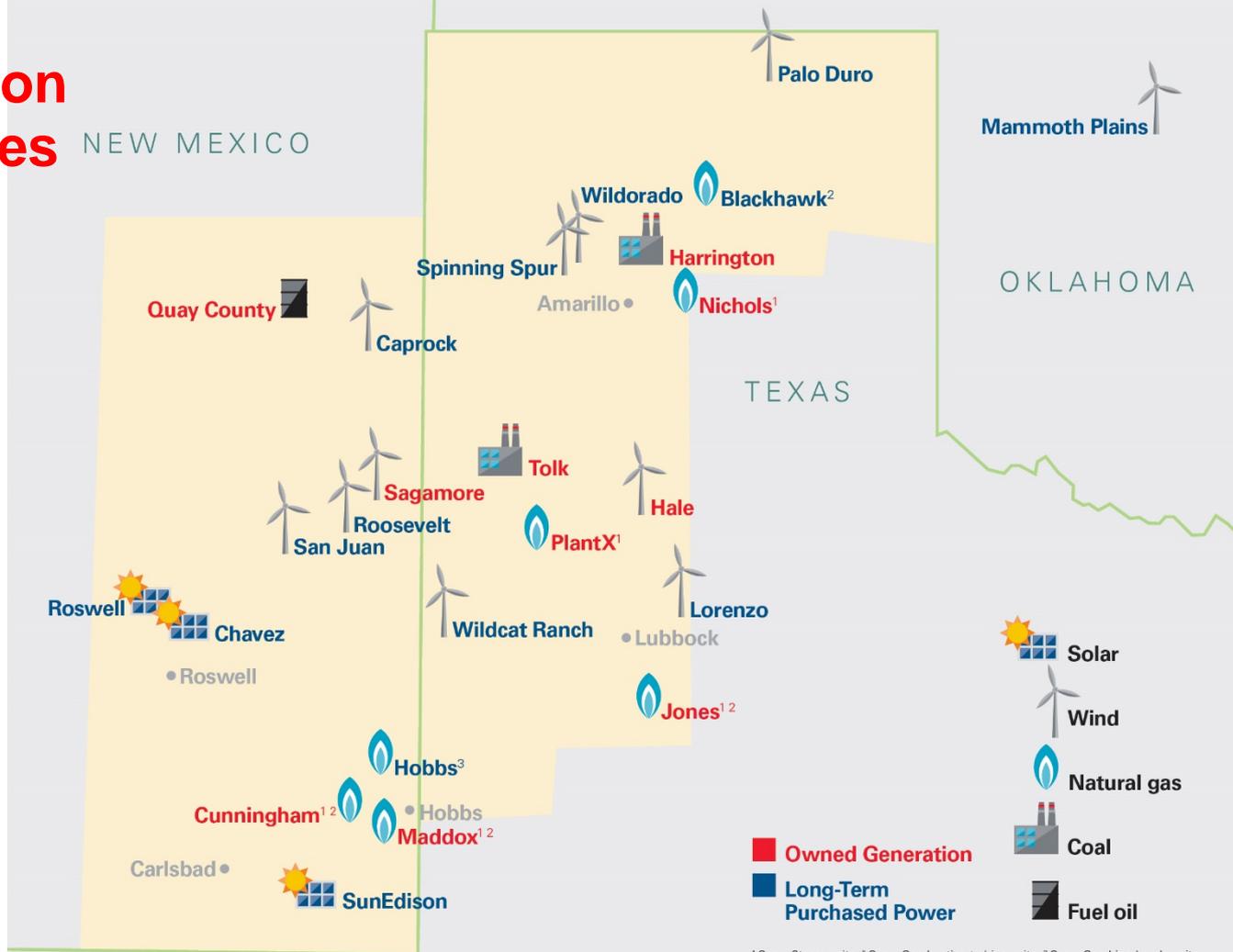
SPP Xcel Energy & ERCOT





Generation Resources

NEW MEXICO

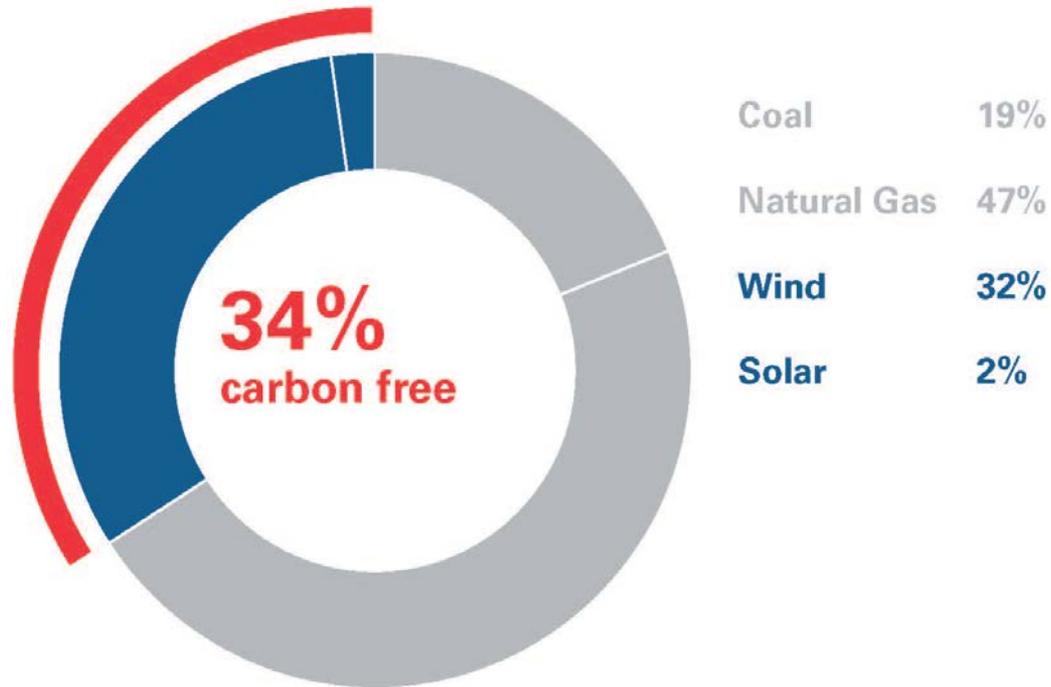


¹ Gas – Steam units. ² Gas – Combustion turbine units. ³ Gas – Combined cycle units.



Diversified Energy Mix: Texas & New Mexico

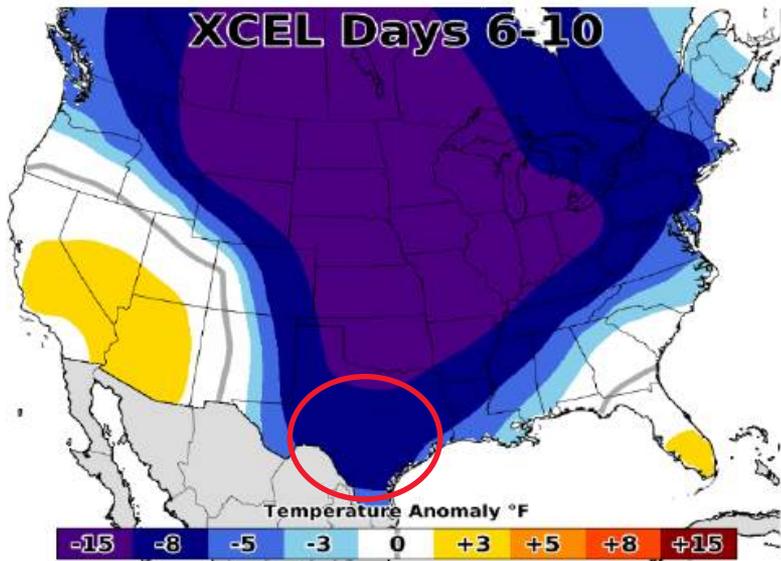
2020 – Southwest



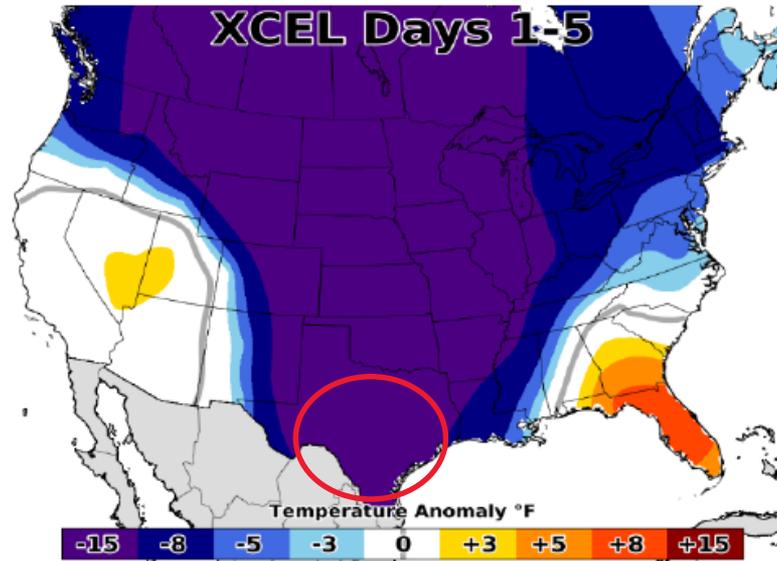


2021 Cold Weather Event – Forecast Changes

Mid-Con Forecast for Feb 10-14
as of Feb 5th



Mid-con Forecast for Feb 11-15
as of Feb 11th



- The change of Texas' expectations from a prior week to a current week are a material driver to demand

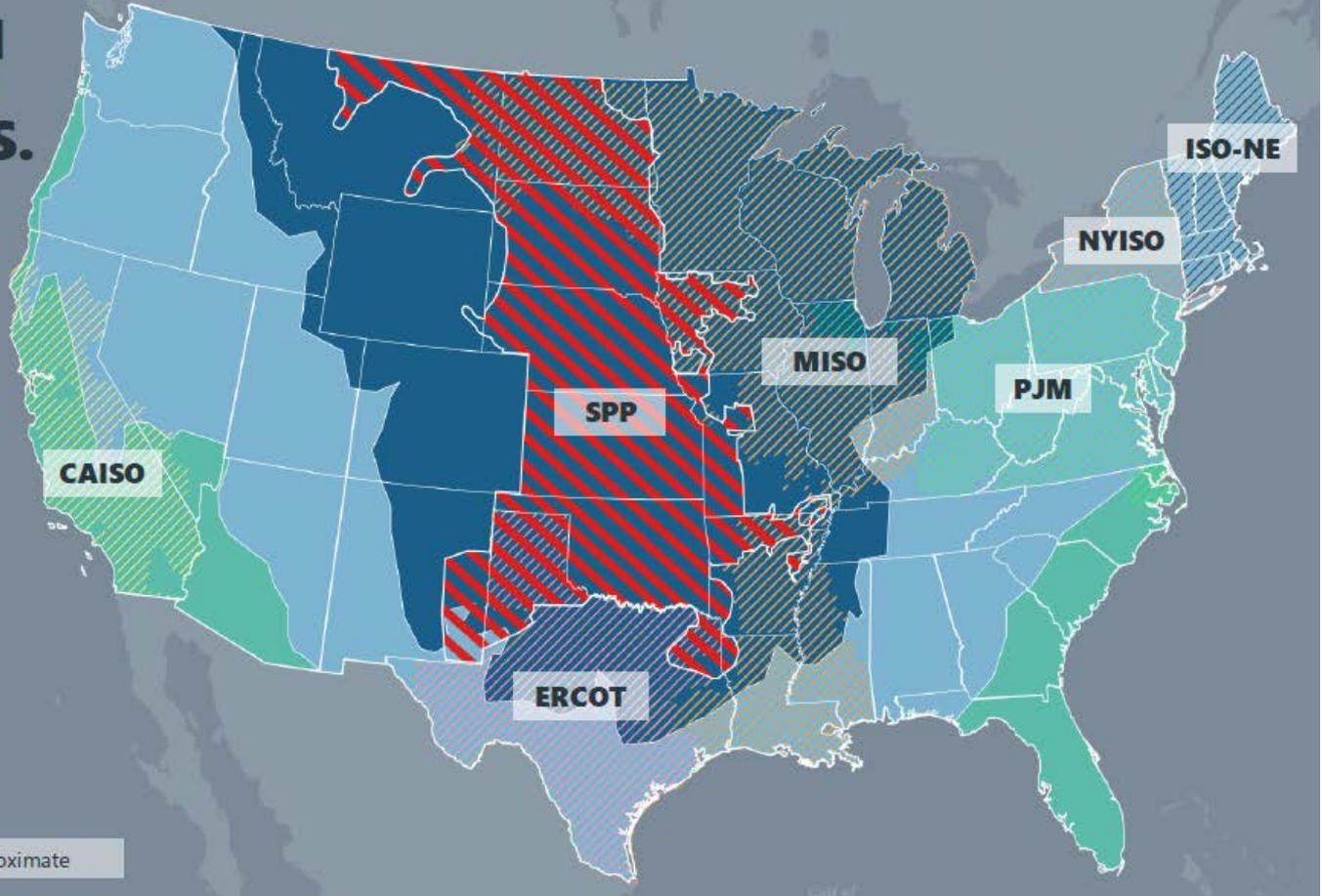
SPP REGION IN COLDEST PART OF U.S.



Lowest temperatures forecast for Feb. 14-16, 2021

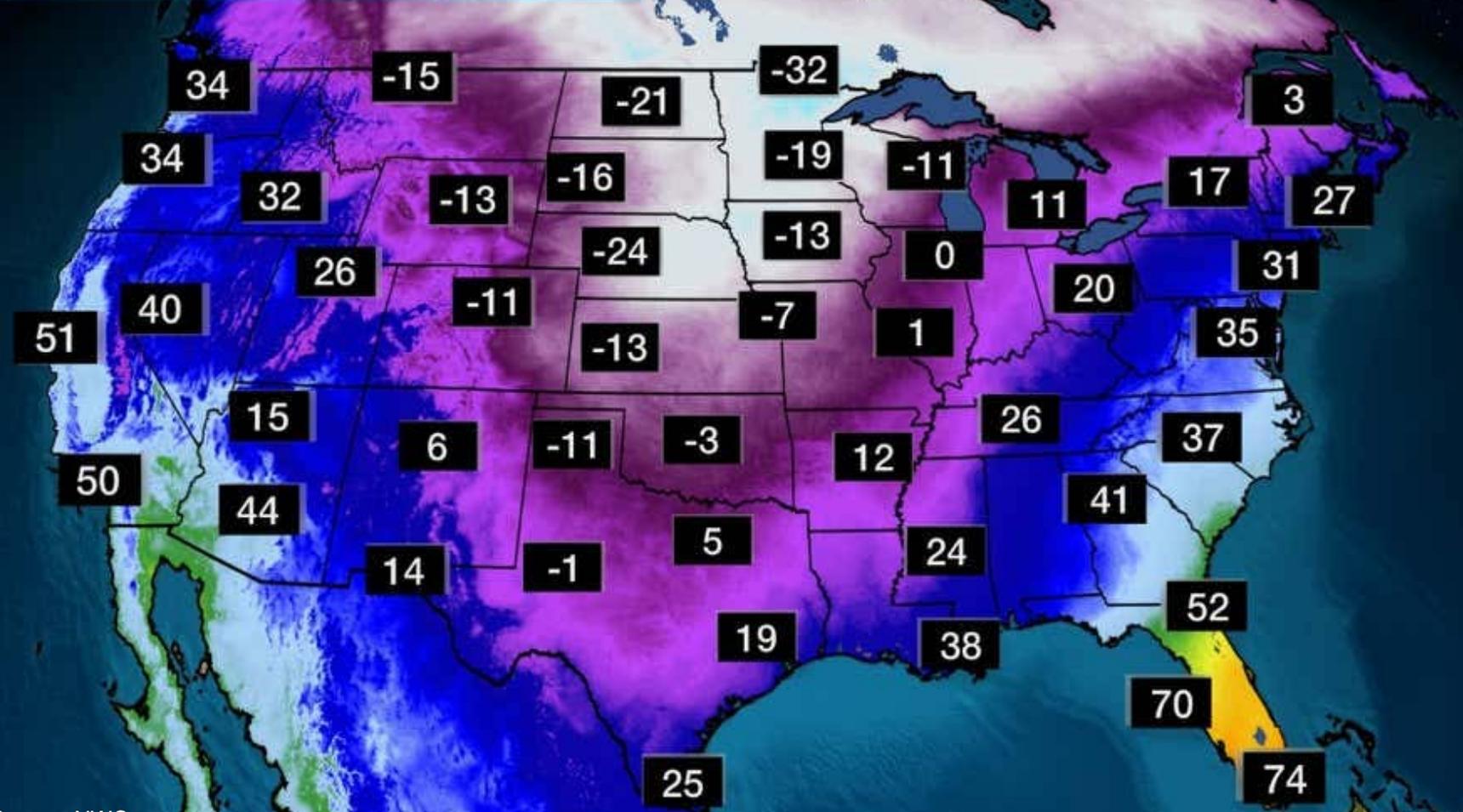
Sources: National Weather Service, Global Forecast System

- SPP service territory/
balancing authority
- Temperatures below 0°F
- Between 0° and 32°F
- Above 32°F



* Locations of ISOs/RTOs are approximate

Forecast Morning Lows Monday

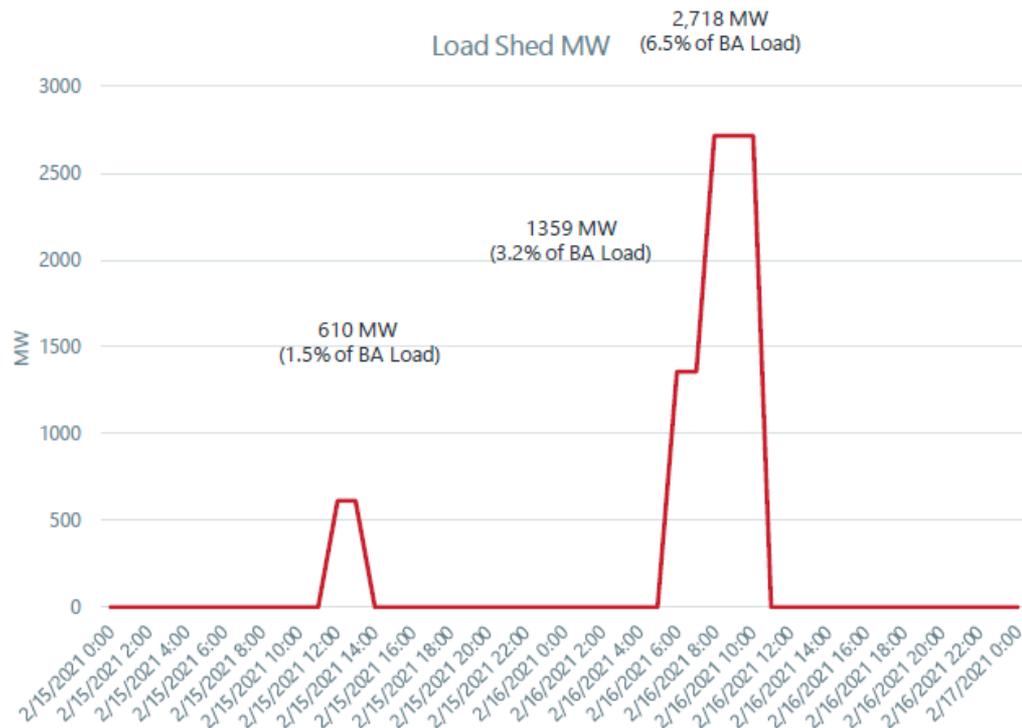


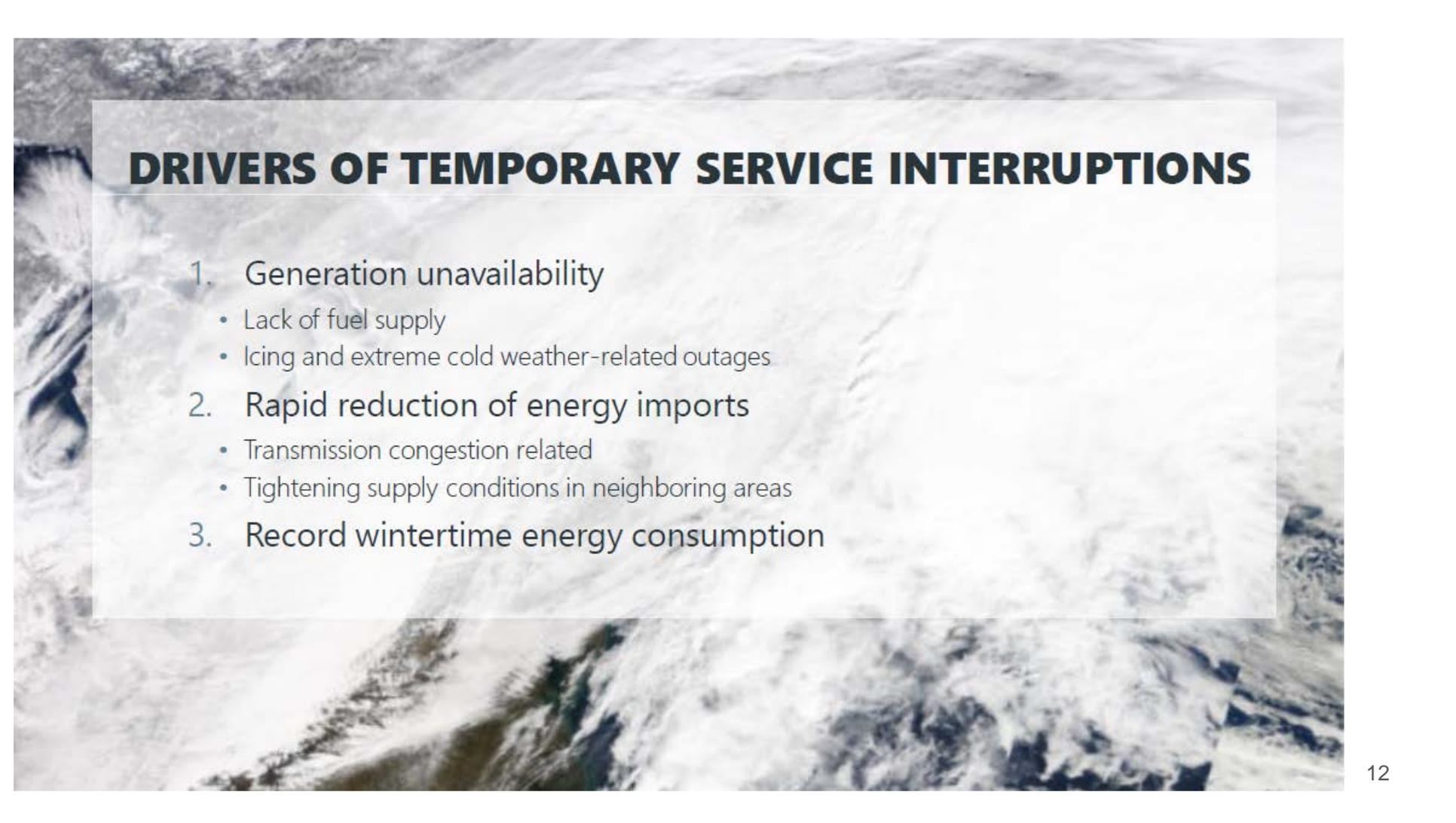


INTERRUPTIONS BY ENTITY

Participating Entity	% of MW
CSWS	16.8
WAPA	13.5
SPS	12.4
OKGE	12.4
KCPL	9.68
WR	8.49
NPPD	6.57
OPPD	4.6
WFEC	3.78
GRDA	2.22
SECI	2.22
EDE	2.19
LES	1.36
SPRM	1.22
KACY_N	0.92
CBPC	0.83
INDN	0.38
SPA	0.28
TSGT	0.13
SPP Total	100%

Directed interruptions allocated to transmission operators on pro-rata basis





DRIVERS OF TEMPORARY SERVICE INTERRUPTIONS

1. Generation unavailability
 - Lack of fuel supply
 - Icing and extreme cold weather-related outages
2. Rapid reduction of energy imports
 - Transmission congestion related
 - Tightening supply conditions in neighboring areas
3. Record wintertime energy consumption



Planning and Preparedness

- Emergency operations plan
- Winter preparation
- Weather limitations
- Monthly certification





Thank you