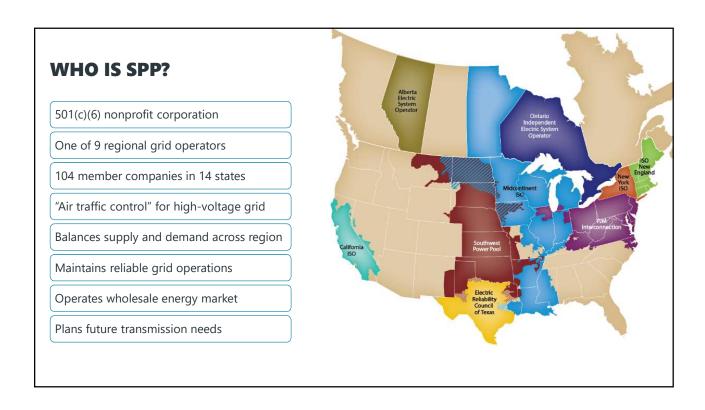
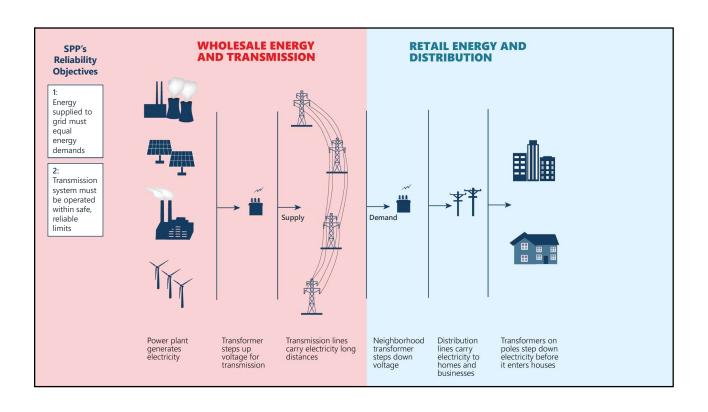
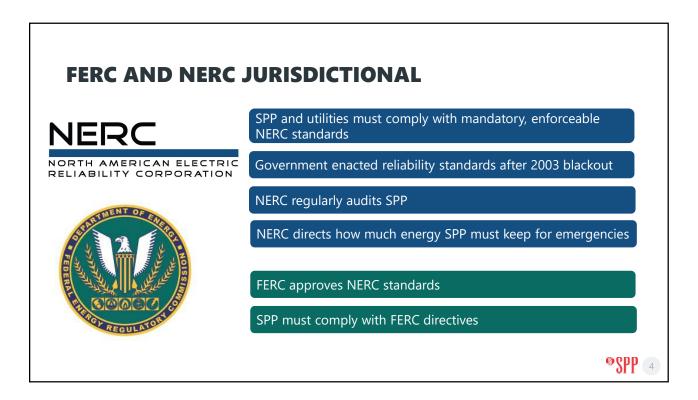
## **EXHIBIT D2**



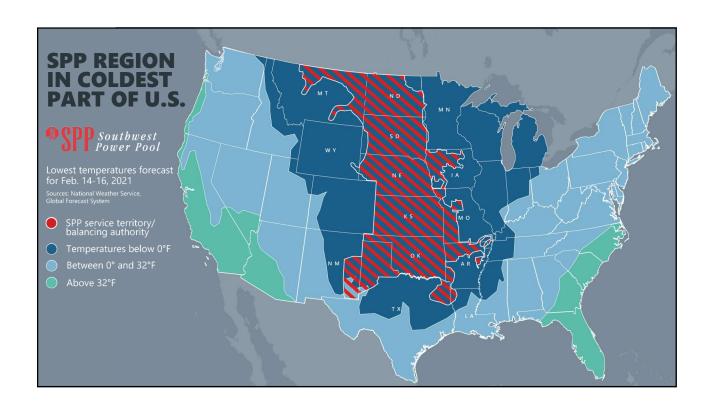


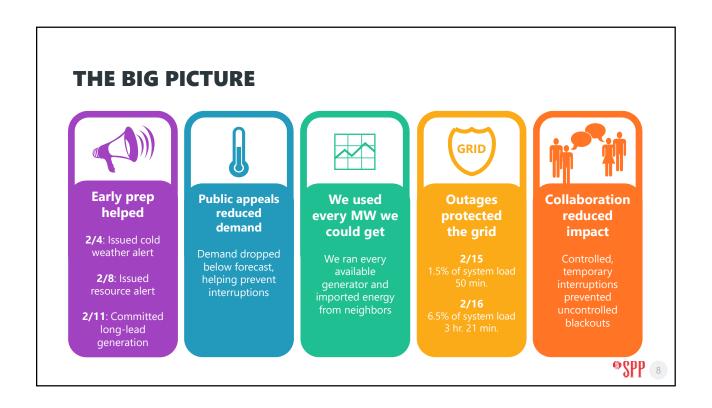












## **BALANCING AUTHORITY (BA) OPERATING LEVELS**

#### Levels/alerts defined by SPP operating plans

Normal Operations	SPP has enough generation to meet demand, has available reserves and does not foresee extreme or abnormal reliability threats
Weather alert	SPP expects extreme weather in its reliability coordination service territory
Resource alert	SPP's BA area expects severe weather conditions, significant outages, wind-forecast uncertainty and/or load-forecast uncertainty with potential to impact total capacity.
Conservative Operations	SPP determines the need to operate system conservatively to avoid an emergency based on weather, environmental, operational, terrorist, cyber or other events
Maximum emergency generation notification	SPP foresees the need to use emergency ranges of resources for a certain hours.

### Levels defined\* by NERC EOP-011-1

Energy Emergency Alert (EEA) Level 1	<ul> <li>All available generation resources in use</li> <li>All generation is committed, and there is concern about maintaining required reserves for BA</li> <li>Non-firm wholesale energy sales curtailed.</li> </ul>
EEA Level 2	Load management procedures in effect  BA is no longer able to provide its expected energy requirements and is energy deficient Operating plan implemented, including public appeals and demand response  BA is still able to maintain minimum reserves Market participants and other BAs notified Transmission limitations evaluated and revised BA makes use of all available resources
EEA Level 3	Firm load interruption imminent or in progress BA is unable to meet minimum contingency reserve requirements System & reliability limits revaluated and revised Immediate action taken to mitigate undue risk to the Interconnection, including load shedding.

<sup>\*</sup> These are paraphrased, summarized definitions. Full definitions: https://www.nerc.com/pa/Stand/Reliability%20Standards/EOP-011-1.pdf



# **SPP BALANCING AUTHORITY OPERATIONS** FEB. 4-20, 2021

		Active Emergency	Past the Peak	Return to Normal	
<b>Feb. 4</b> – Issued cold weather alert	Feb. 11 – Commits long-lead generation to maximize availability	Feb. 15 – All available resources in use, with multiple unplanned outages. Record 43.6 GW winter peak.	Feb. 16-17 – Imports, maximum generation, and conservation efforts ease strain on system	Feb. 18 – Operated under conservative operations or EEA 1 for entire day	
Feb. 8 – Issued resource alert	Feb. 14 – Requested public appeals for conservation by member utilities  Feb. 15 – Directed interruption of 1.5% of regional demand for 50 minutes.		Feb. 17 – Made it through 38.6 GW morning peak without interruption	<b>Feb. 19</b> – Exited EEA & remained in conservative operations	
<b>Feb. 9</b> – Declared conservative operations	Feb. 14 – Announced EEA1 to begin 05:00 Feb. 15 with all available resources committed	Feb. 16 – Directed interruption of up to 6.5% of regional demand for 3h 21m	Feb. 17 – Returned to lowest level of emergency alert for overnight operations	Feb. 20 – Ended conservative operations and returned to normal operations at 22:00	





SPP BALANCING AUTHORITY OPERATIONS: FEB. 4-20, 2021  Time blocks are not to scale									
Thurs. 2/4 to Mon. 2/8	Tues 2/9 to Sat. 2/13	Sun. 2/14	Mon. 2/15	Tues. 2/16	Wed. 2/17	Thurs. 2/18	Fri. 2/19	Sat. 2/20	
Normal operations in effect			Conservative operations in effect	EEA2 in effect		FFA1	EEA1		
Thurs. 2/4: Issued cold weather alert to grid  Tues. 2/9: Declared		05:00 Declared EEA1	06:15 Declared EEA3		in effect	in effect			
operators	conservative operations until further notice	Requested member companies issue public appeals for conservation  Requested member companies issue public appeals for conservation  12:10 Directed interruptions  13:00 - EEA3 Restored service		06:46 Directed interruptions	EEA 2 in effect				
	Thurs. 2/11: Committed longer-lead time generating resources for Sat. 2/13 to Tues. 2/16		10:07 – EEA3 Restored service 11:30 Declared EEA2		09:30 Ended EEA and declared conservative	09:20 Ended EEA	Conservative operations in effect		
Mon. 2/8: Issued resource alert to grid operators: "Implement resource	Sat. 2/13: Reminded market participants of emergency cap & offer to processes s:		13:00 - EEA3 Restored service	12:31 Declared EEA1	13:15 Declared EEA1	operations through 22:00 Sat. 2/20, with appeal for public conservation	and declared conservative operations through 22:00 Sat. 2/20, with appeal for public conservation		
preparationsensure resource commitment start-up and run timesreport fuel shortages & transmission outages"		14:00 Declared EEA2	18:28 Declared EEA2	18:20 Declared EEA2 22:59 Declared EEA1	18:25 – Declared EEA1		22:00 Declared normal operations		