

# Western Area Power Administration Update

**ARPA Board Meeting**

March 28, 2019 | Las Animas, CO.

**Dave Neumayer**

VP of Power Marketing for RMR

# Update Topics

1. New SVP & RM Regional Manager
2. LAP FES Assignments
3. Reserve Sharing: RMRG → NWPP
4. Reliability Coordinator: PEAK → SPP
5. Organized Markets
6. LAP Firm Electric Service Rate

# Senior Vice President and Rocky Mountain Regional Manager

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# Firm Electric Service Assignments

- LAP FES Allocations can be assigned to another entity with approval by WAPA's Administrator
- Assignments generally allow the allocation holder to terminate the assignment
- Plan for 6 months to develop and finalize these types of arrangements



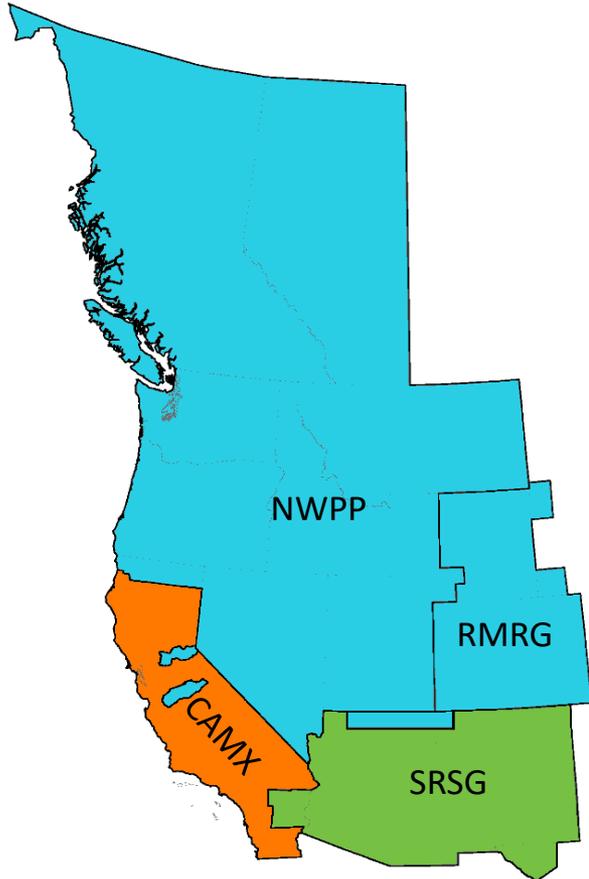
# RMRG and NWPP Reserve Groups

- Planning for RMRG to dissolve upon WAPA's WACM BA and PSCO's BA joining NWPP Reserve Group



- Only BA's join the NWPP Reserve Group
- BA's will execute Reserve Agreements for each Sub-Entity inside the BA

# Reserve Sharing Groups in the West



## Northwest Power Pool

- Alberta Electric System Operator
- Avista Corporation
- Bonneville Power Administration
- British Columbia Transmission Corporation
- Chelan County PUD
- Douglas County PUD
- Grant County PUD
- Idaho Power Company
- NaturEner Glacier Wind Energy
- Nevada Power Company
- Northwestern Energy
- PacifiCorp-East
- PacifiCorp-West
- Portland General Electric Company
- Puget Sound Energy
- Sacramento Municipal Utility Board
- Seattle City Light
- Sierra Pacific Power Company
- Tacoma Power
- Turlock Irrigation District
- Western Area Power Administration – WAUW BA

## California-Mexico

- California Independent System Operator
- Comision Federal de Electricidad
- Los Angeles Dept. of Water and Power

## Arizona-New Mexico--SRSG

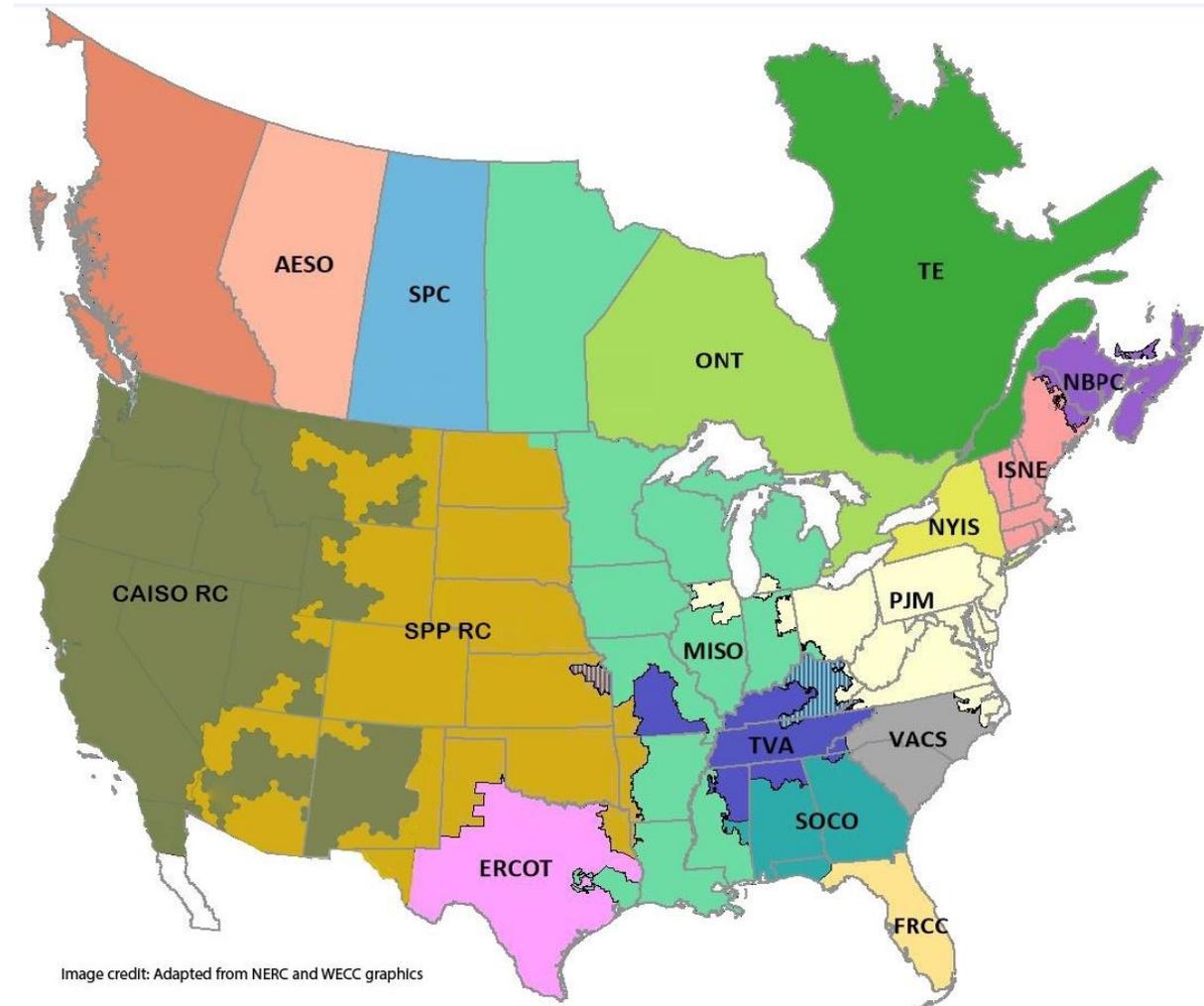
- Arizona Public Service Company
- CECD – Arlington Valley
- CECD – Griffith
- CECD – Harquahala
- CECD – Panda Gila River
- El Paso Electric Company
- Imperial Irrigation District
- CECD – Panda Gila River
- Public Service Company of New Mexico
- Salt River Project
- Tucson Electric Power Company
- Western Area Power Administration – LCD

## Rocky Mountain Reserve Group:

- Basin Electric Power Coop
- Black Hills Colorado Electric
- Black Hills Power
- Colorado Springs Utilities
- Municipal Energy Agency of Nebraska
- **Public Service Co. of Colorado (BA)**
  - Platte River Power Authority
- Tri-State Gen. and Transmission Assoc.
- **Western Area Power - WACM BA**
- Wyoming Municipal Power Agency

# SPP Reliability Coordinator

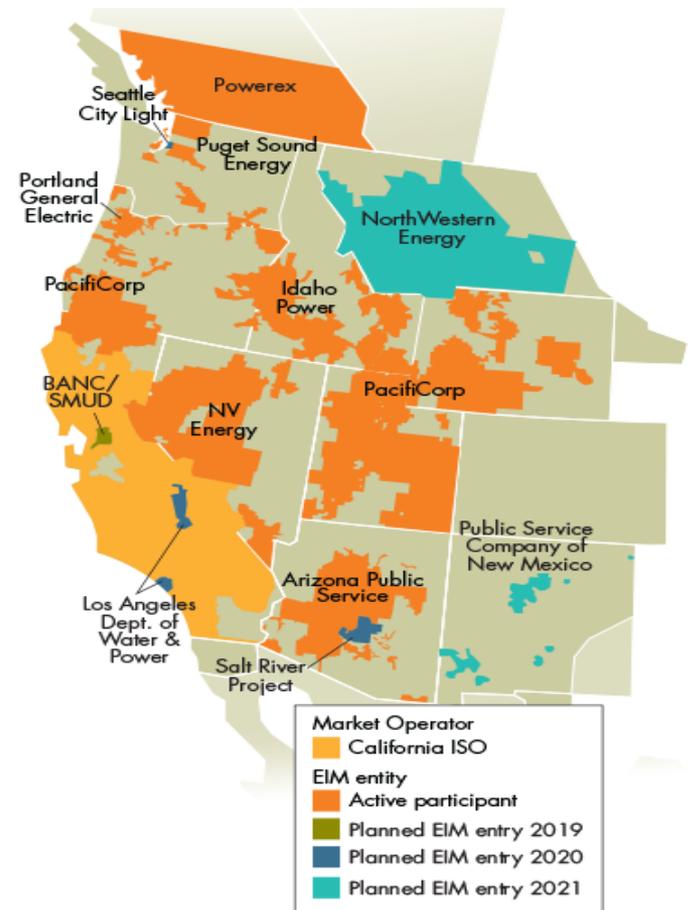
- PEAK RC terminating RC services
- Parallel RC Operations October and November
- SPP RC takes over on Dec. 3, 2019



# Organized Markets in the West

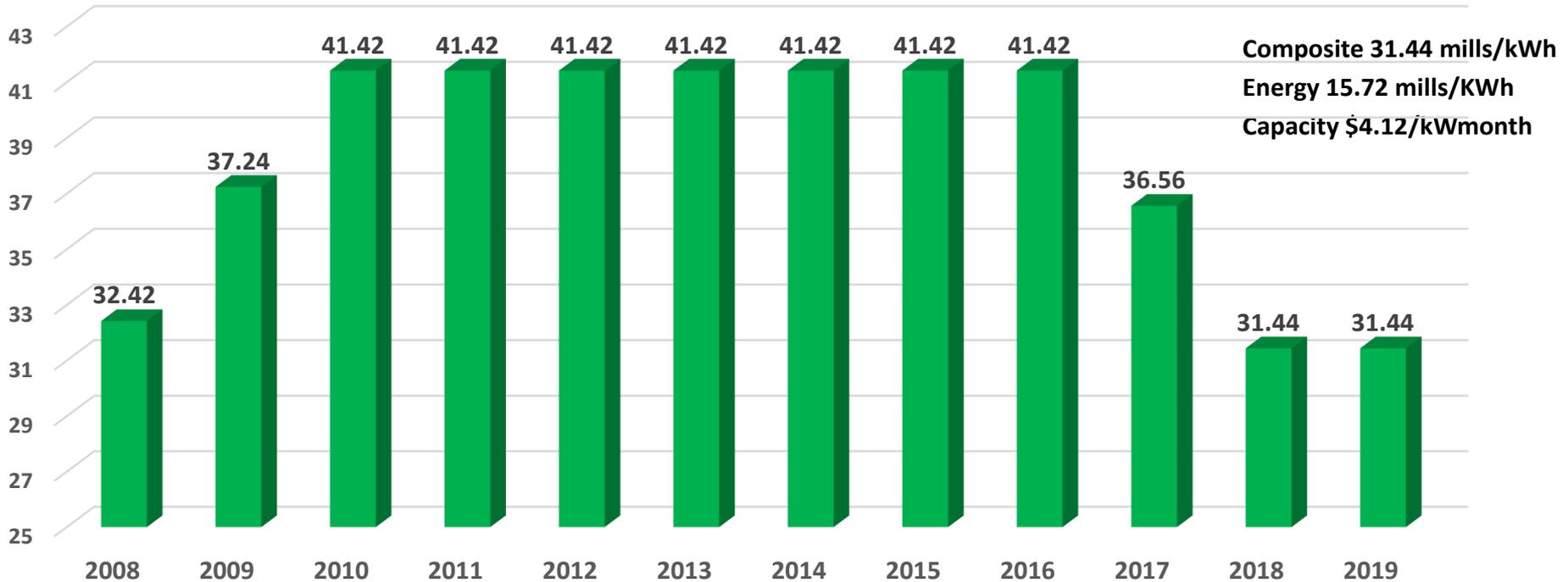
- Mountain West didn't happen – so what now?
- April 9-10 WAPA Markets Meeting (including round table discussions)
- SPP Proposing a Western Energy Imbalance Service (WEIS)

Western EIM active and pending participants



# Loveland Area Projects Rate

Loveland Area Projects Composite Rate (mills/kWh)



# Questions?

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