

Accelerating Transmission Development: The Critical Role of Transmission Authorities



Chris Hansen | La Plata Electric Association | CEO
September 2026

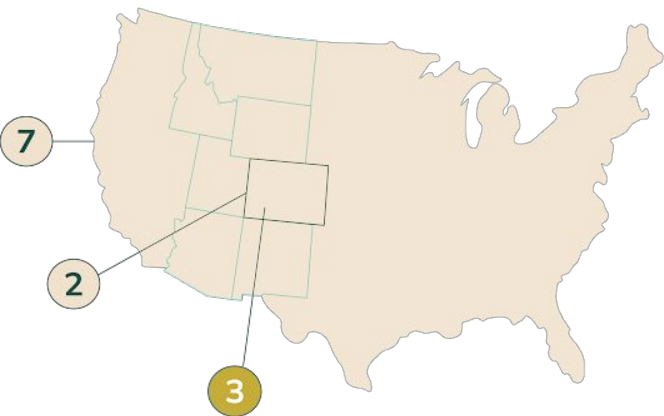
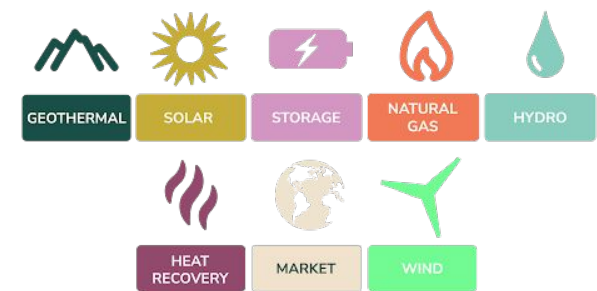
LPEA's Strategic Goal:

Our members will, on average, pay less for electric service than 70% of Colorado cooperatives, and by 2030 we will reduce carbon emissions by more than 80% from 2005 levels, surpassing state climate goals.



Power Supply Assets Today

Types of Power Generation



1 SUNNYSIDE
SOLAR | 2MW
LOCAL

6 OXFORD TRACT PPA
SOLAR | 1MW
LOCAL

2 TRI-STATE PPA:
MIXED | 40MW
COLORADO

7 MERCURIA:
MIXED | 40MW
REGIONAL

3 TRI-STATE PPA:
DOLORES CANYON
SOLAR | 40MW
COLORADO

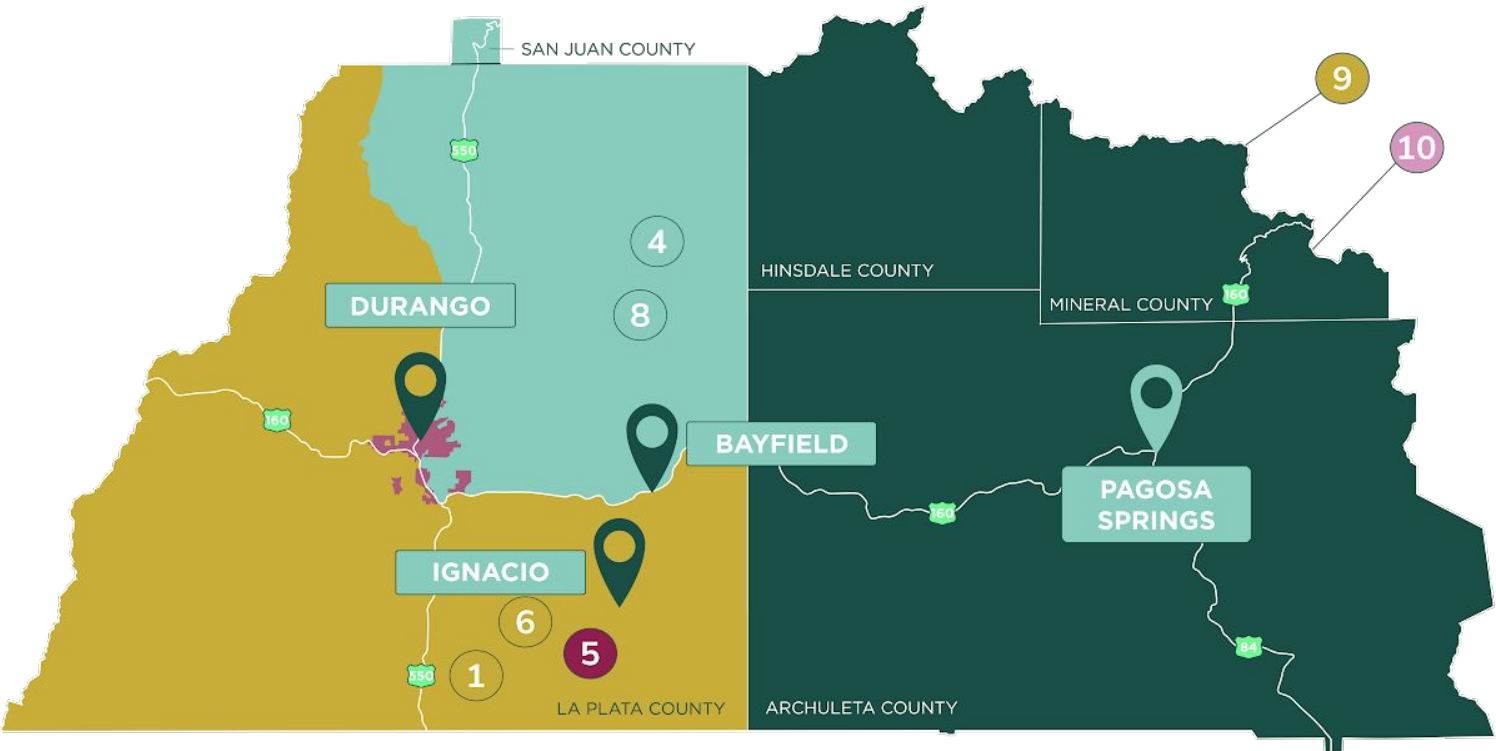
8 VALLECITO DAM PPA
HYDRO | 5MW
LOCAL

4 LEMON DAM PPA
HYDRO | 0.1 MW
LOCAL

9 MEMBER POWERED
SOLAR | 25MW
LOCAL

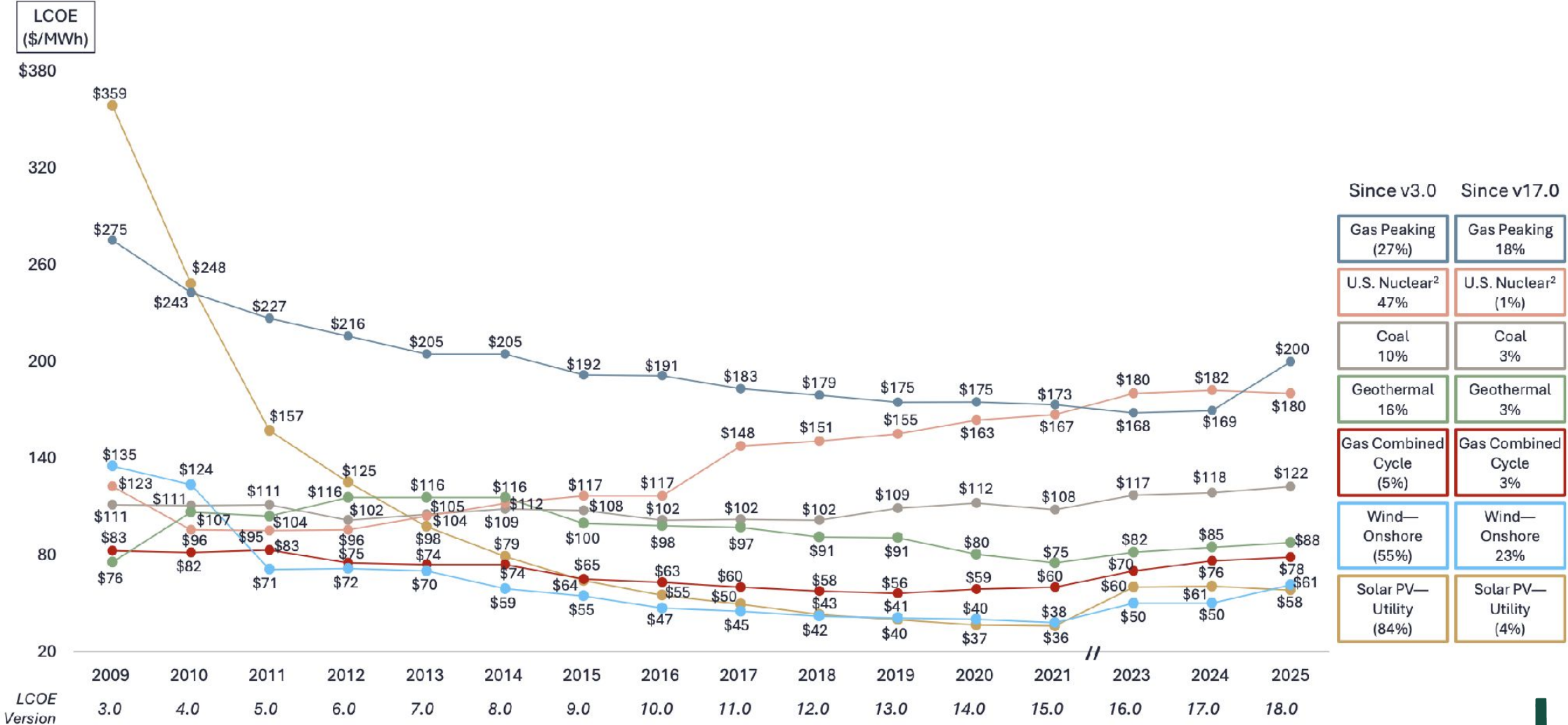
5 HARVEST PPA
HR | 5MW
LOCAL

10 MEMBER POWERED
STORAGE | 1.7MW
3MWH
LOCAL



Cost of Energy Across Various Sources

Selected Historical Average LCOE Values¹

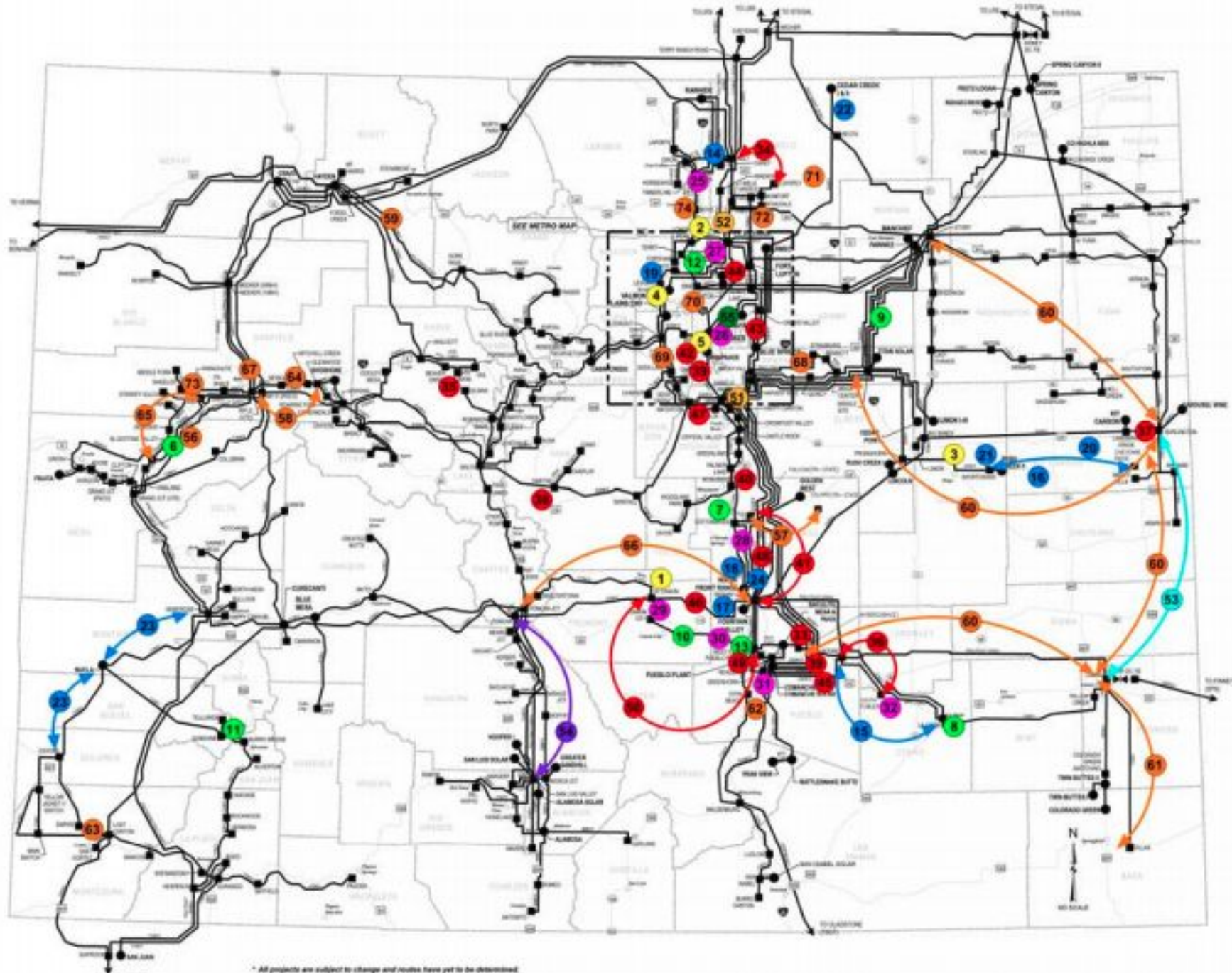


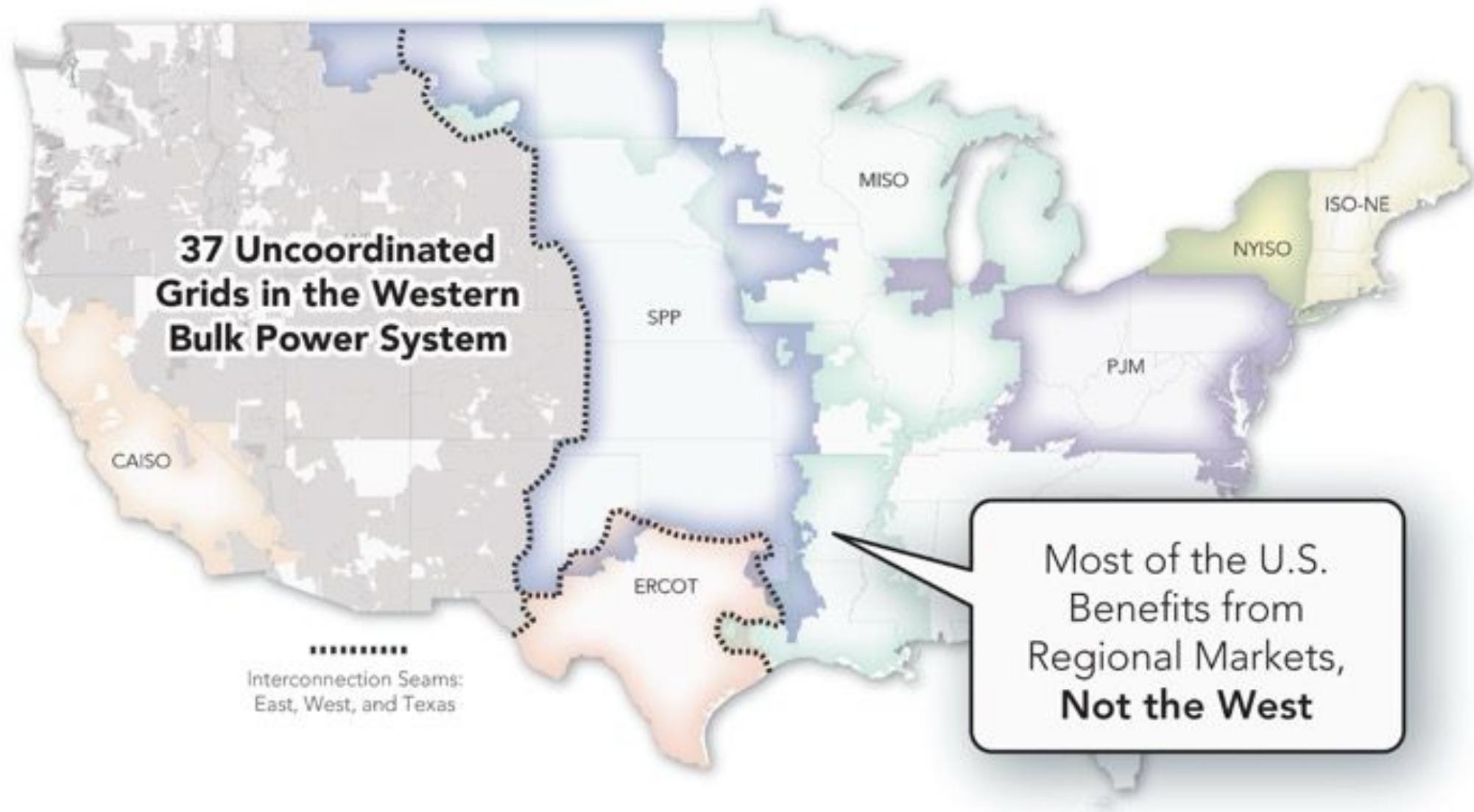
Source: Lazard estimates and publicly available information.
1 Reflects the average of the high and low LCOE for each respective technology in each respective year. Percentages represent the total change in the average LCOE since Lazard's LCOE v3.0 and LCOE v17.0, respectively.
2 Given the limited public and/or observable data available for new-build nuclear projects, the LCOE presented herein reflects Lazard's LCOE v14.0 results adjusted for inflation and are based on then-estimated costs of the Vogtle Plant.

This analysis has been prepared by Lazard for general informational and illustrative purposes only, and it is not intended to be, and should not be construed as, financial or other advice. No part of this material may be copied, photocopied or duplicated in any form by any means or redistributed without the prior written consent of Lazard.

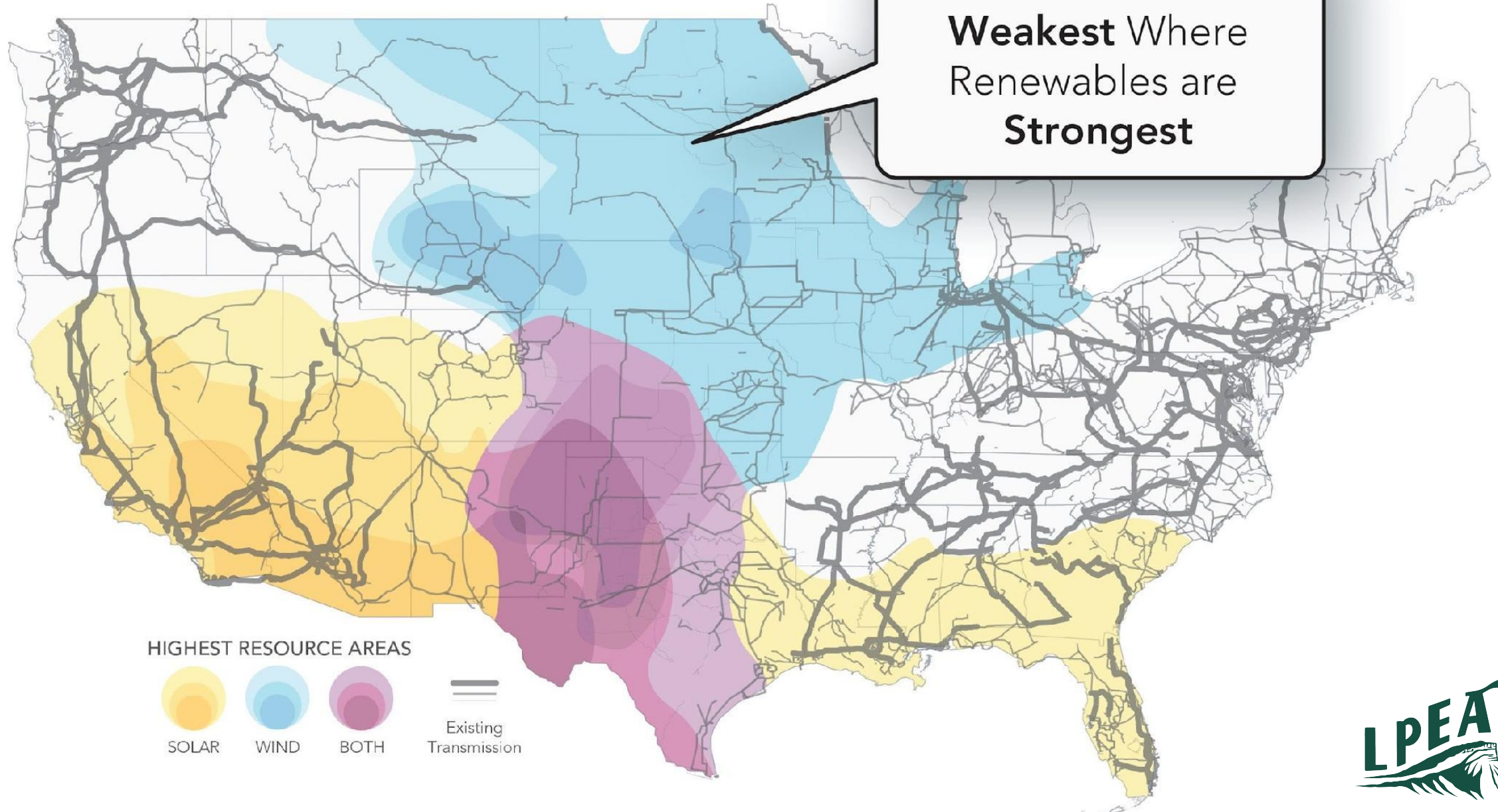


Colorado Rule 3627 - Ten Year Transmission Plan



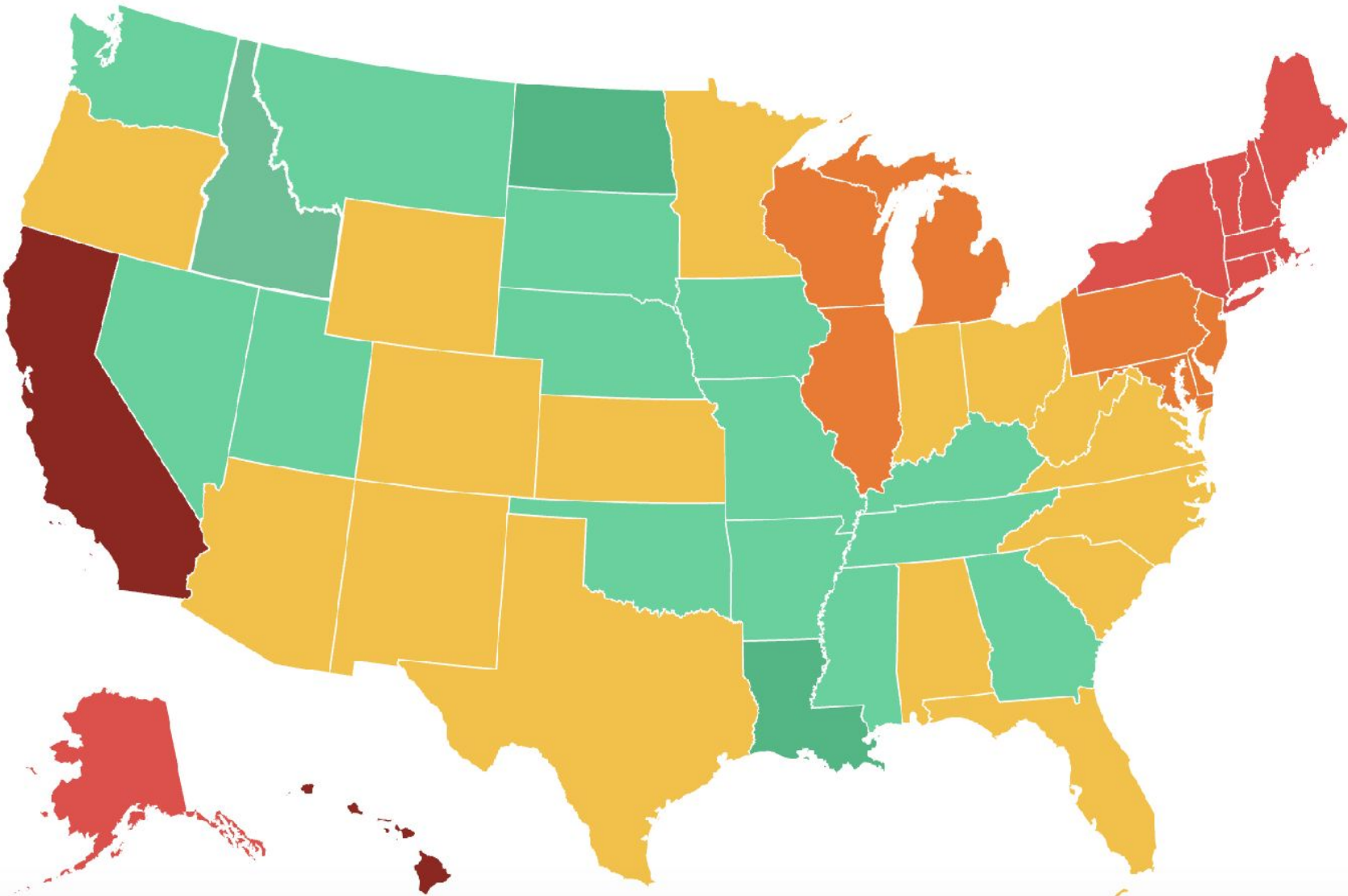


The Grid is
Weakest Where
Renewables are
Strongest



Average Electricity Rates by State

Residential electricity prices in cents per kWh — March 2026



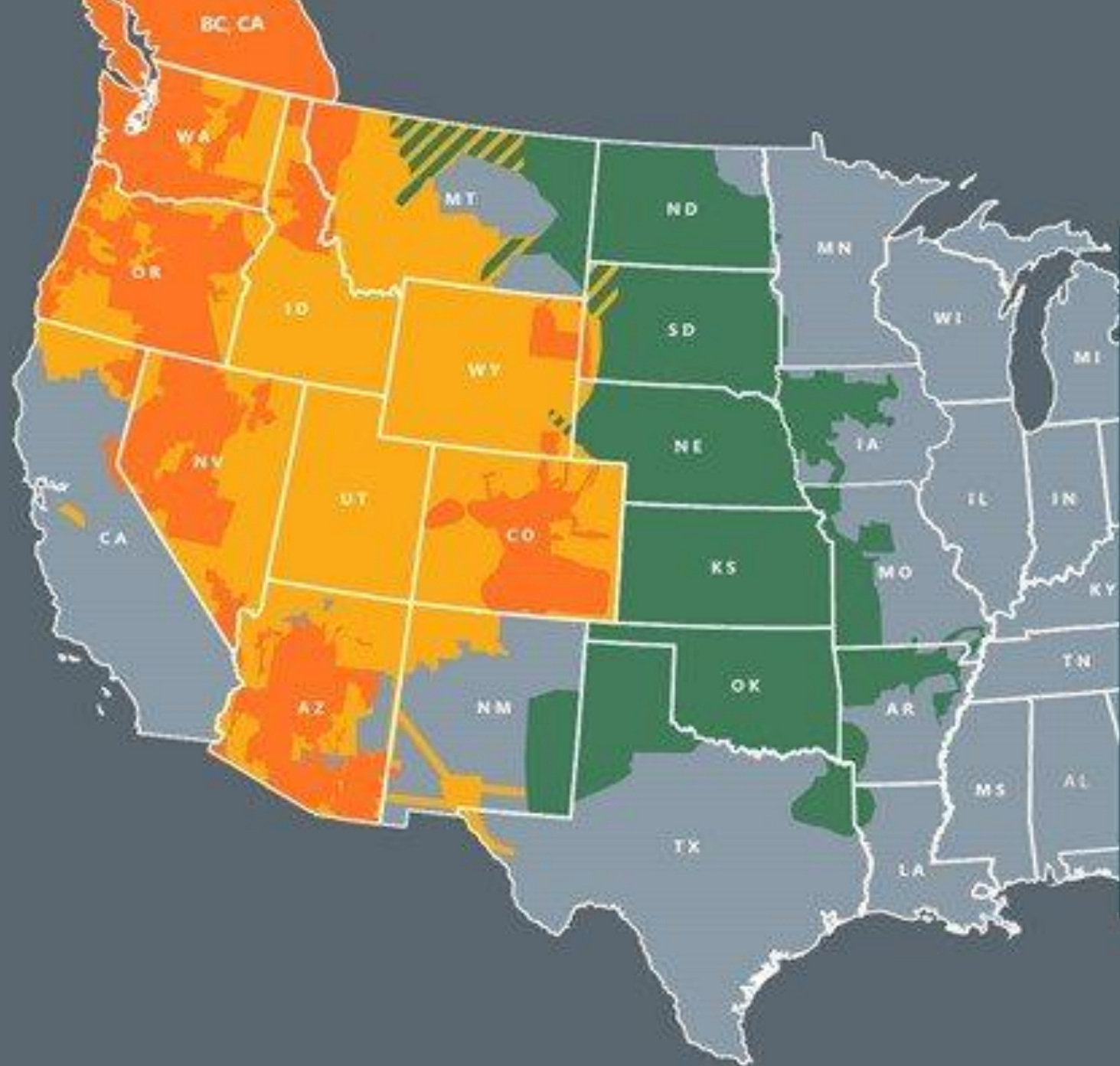
RATE CATEGORIES

Very Low	<13¢
Low	13-15¢
Average	15-18¢
Moderate	18-24¢
High	24-32¢
Very High	>32¢

NATIONAL STATISTICS

National Average	18.05¢/kWh
Lowest Rate	LA — 12.44¢
Highest Rate	HI — 39.89¢





-  Regional Transmission Organization (RTO)
-  Western Energy Services, including:
 - RTO West
 - Western Energy Imbalance Service (WEIS)
 - Western Reliability Coordinator (RC)
 - Western Resource Adequacy Program (WRAP)
-  Markets+ Phase One

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CETA: Colorado Electric Transmission Authority



- Independent state public subdivision est. in 2021 by SB21-072
- Created to provide more tools to build transmission in CO
- More transmission = more clean energy resources



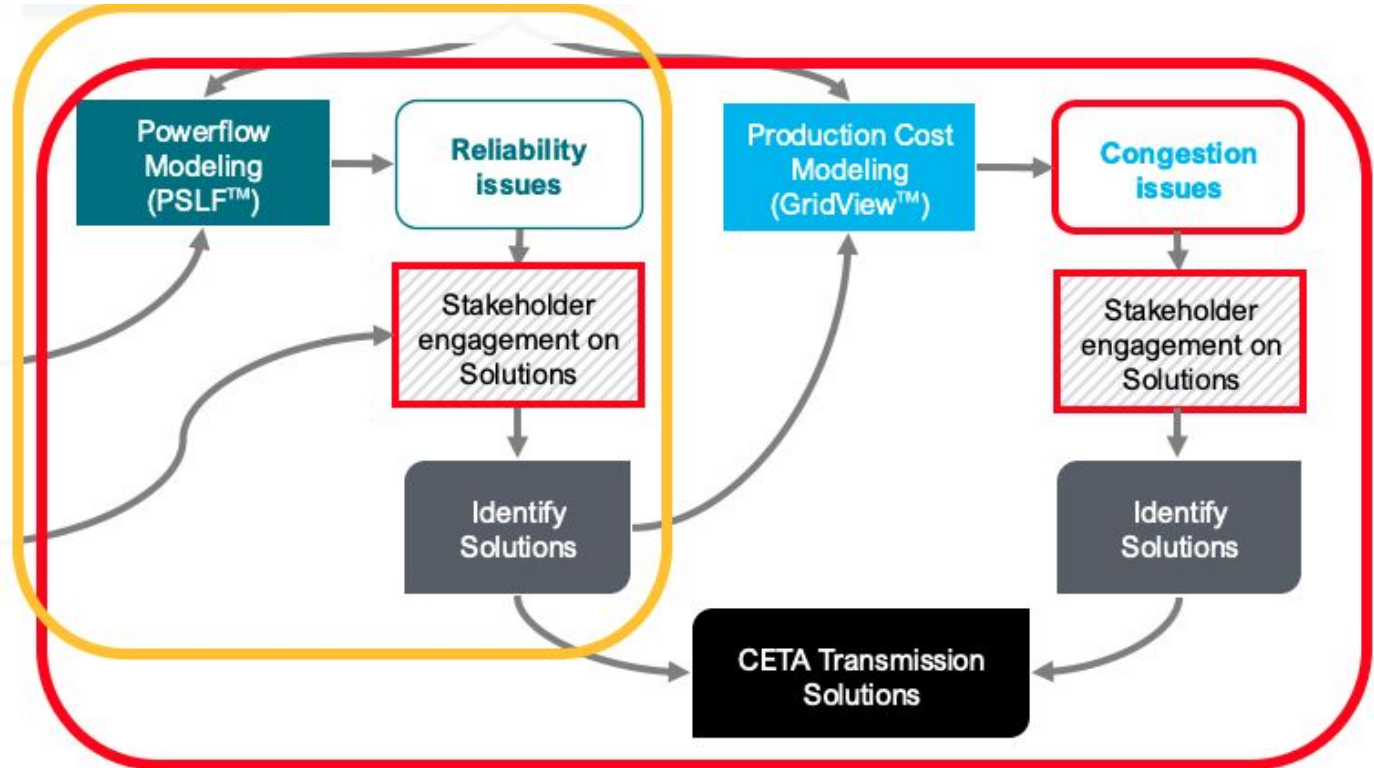
CETA Transmission Studies

Goal: assess the need for transmission capacity by 2045 based on:

- 1) Reliability
- 2) Deliverability

Draft powerflow results informed by:

- 1) Alternative analysis
- 2) Congestion Assessment
- 3) Stakeholder input

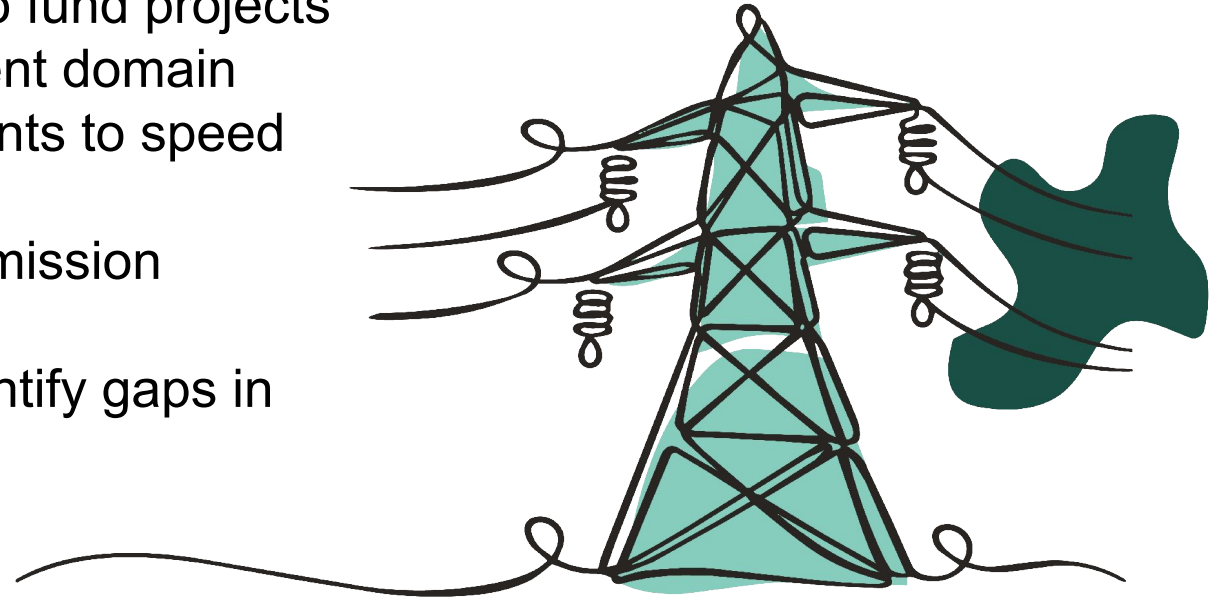


Why Do We Need CETA?

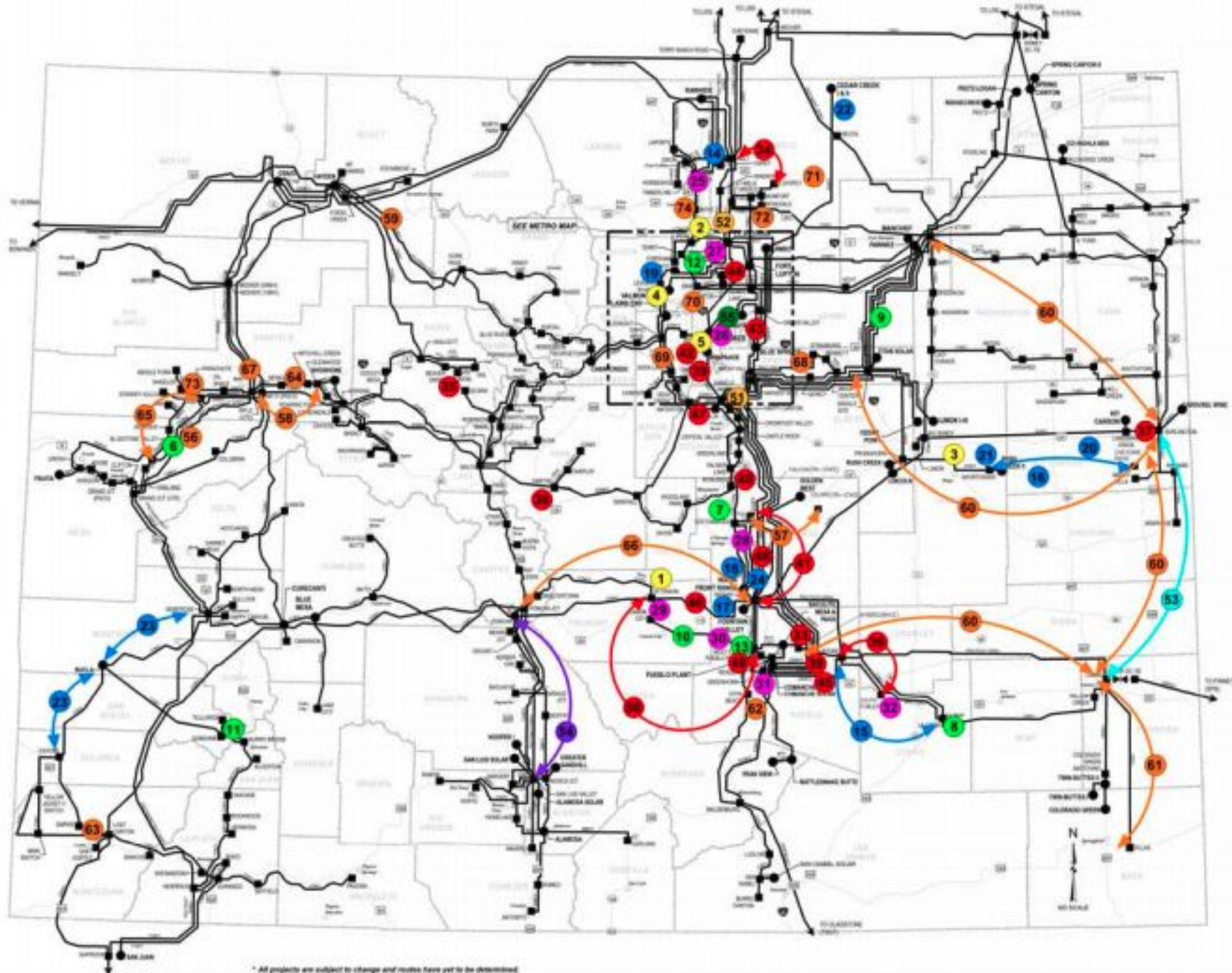
1. **Financing Power:** Can issue revenue bonds to fund projects
2. **Legal Authority:** Has statutory power of eminent domain
3. **Faster Permitting:** Works with local governments to speed up approvals
4. **Regional Reach:** Can partner with other transmission authorities on interstate lines
5. **Statewide Perspective:** Well positioned to identify gaps in Colorado's transmission needs

Key Benefits:

- **Grid Reliability**
- **Clean Energy Access**
- **Filling the Gaps**



Colorado Rule 3627 - Ten Year Transmission Plan



Data Center Infrastructure in the United States, 2025

