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Transmission Planning in the West
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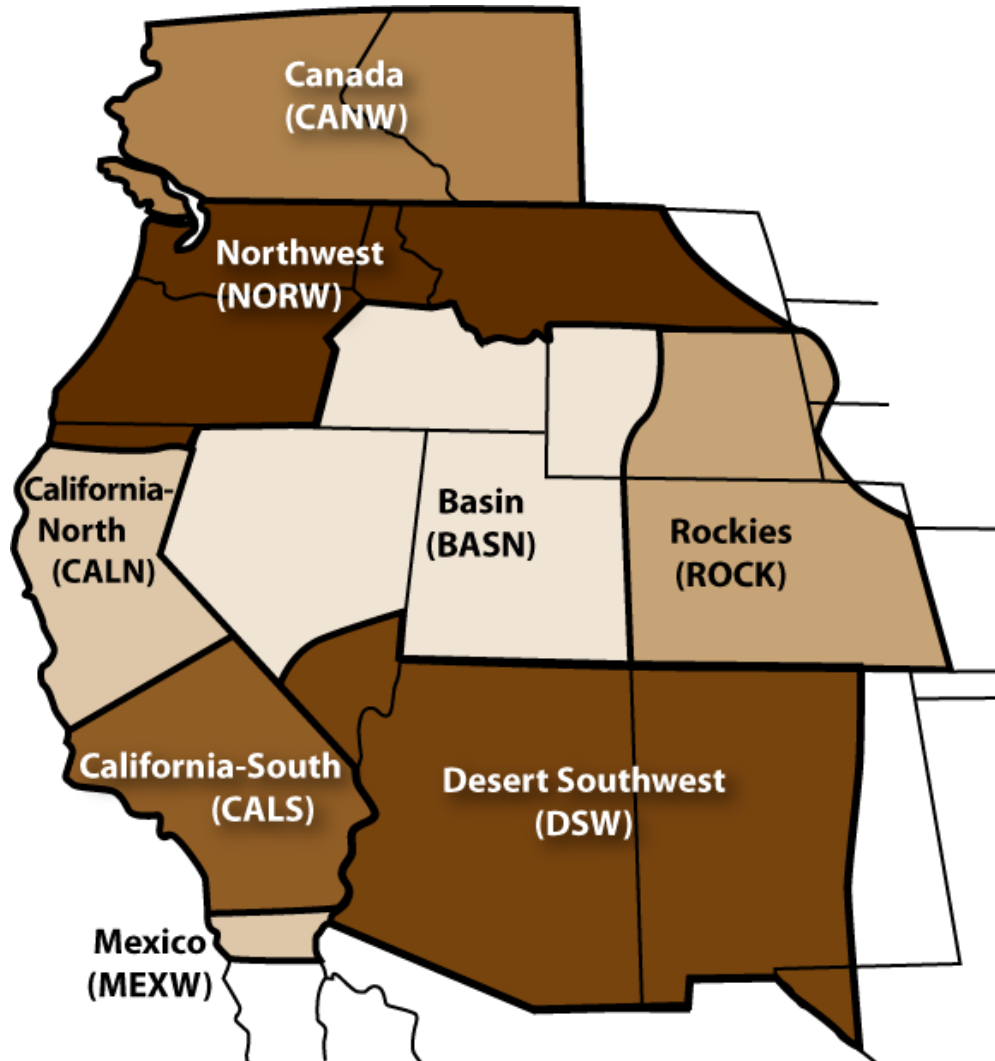
Today's Discussion

- What is WECC?
- What is RTEP?
- 2011 10-Year Regional Transmission Plan
- 2013 10-Year Regional Transmission Plan
- 2013 20-Year Regional Transmission Target Plan
- Opportunities for Tribal Participation

Why Transmission Planning?

“My interest is in the future because I am going to spend the rest of my life there.”
...Charles Kettering

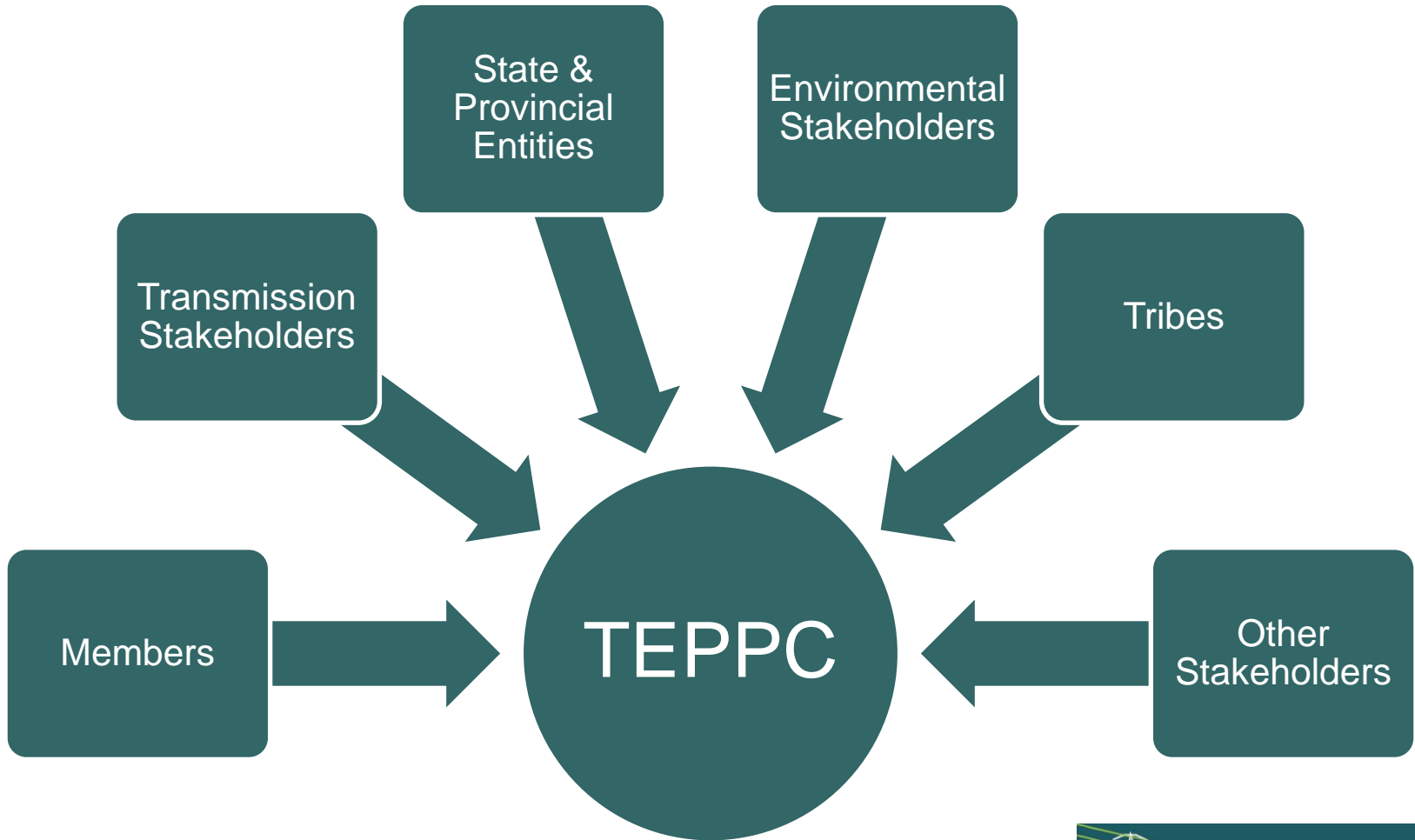
What is WECC?



Transmission Planning at WECC

- Transmission Expansion Planning Policy Committee (TEPPC)—April, 2006
 - Annual study program
 - Transmission expansion studies
 - Congestion analyses—production cost modeling

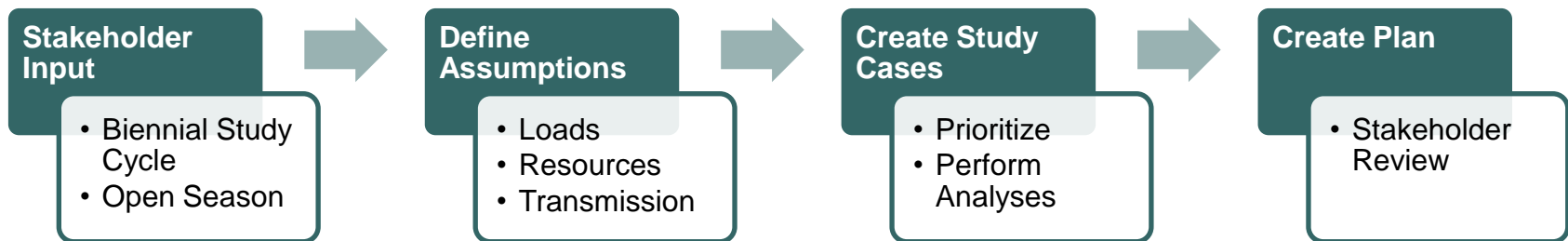
Who Does TEPPC Serve?



RTEP Project

- DOE funding opportunity in 2009
 - \$14.5 million over four years
 - Expanded transmission planning activities
 - Coordinated with policy-based project at Western Interstate Energy Board (WIEB)
- Primary Deliverables
 - 10-Year Regional Transmission Plan (2011)
 - 10-Year Regional Transmission Plan (2013)
 - 20-Year Regional Transmission Target Plan (2013)

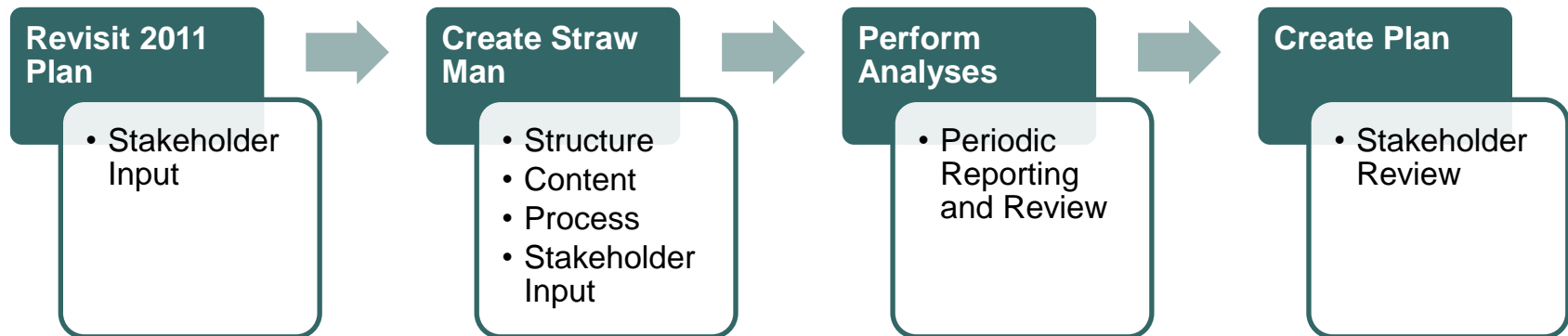
10-Year Plan (2011)



Recommendations—2011

1. Cost-effective remote renewables
2. Montana-to-Northwest (Path 8)
3. Pacific Tie Paths (Paths 65 and 66)
4. Operational impacts of variable generation
5. Planning cooperation
6. Environmental and cultural considerations
7. Water resource impacts
8. Future regional planning processes

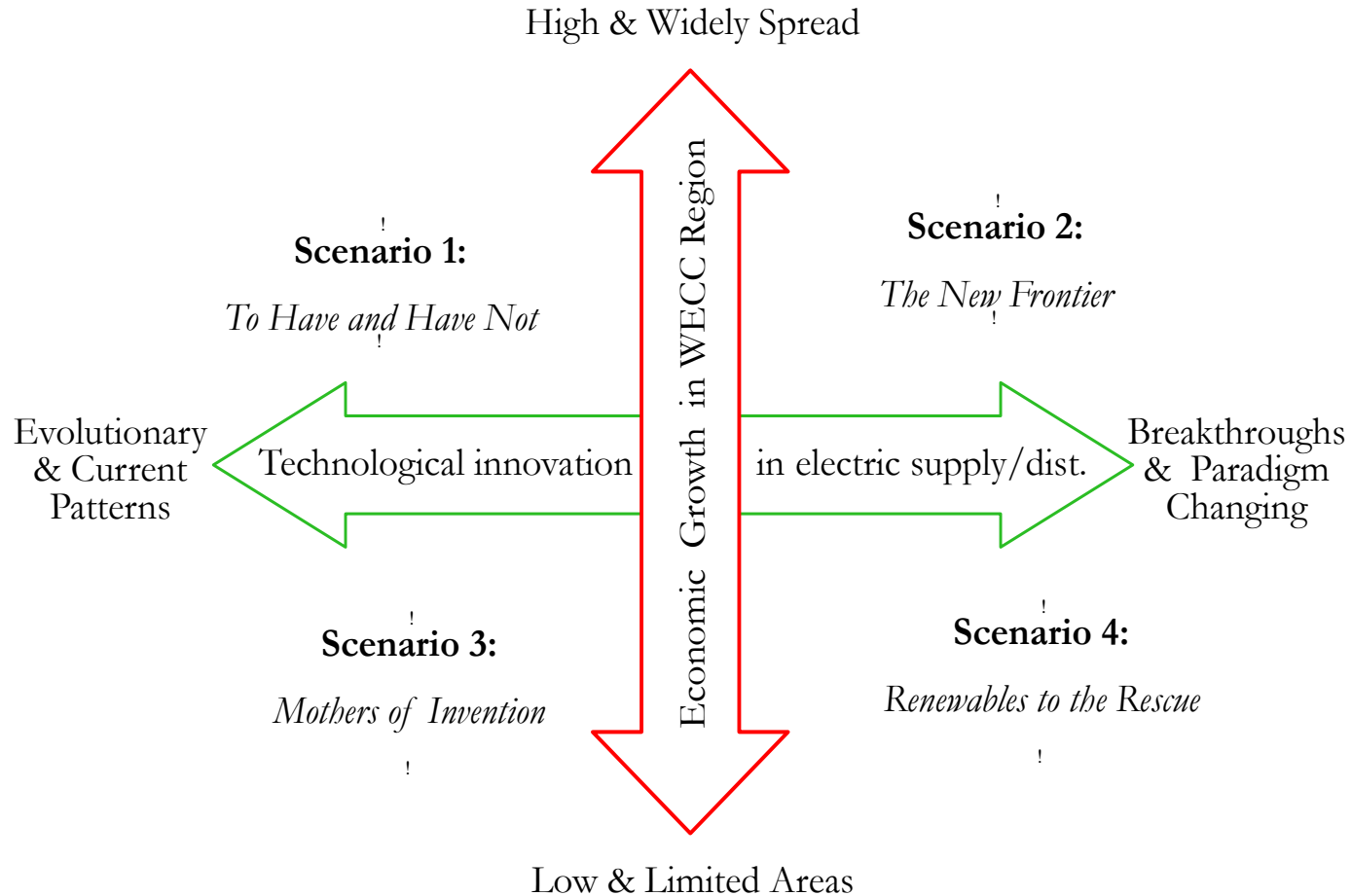
10-Year Plan (2013)



New Initiatives Supporting 20-Year Plan

- Scenario planning
 - Alternate feasible futures for the Western Interconnection
 - Implications for transmission
 - Guides strategic choices

WECC Scenarios



Environmental/Cultural Analyses

- Preferred data sets
- Land classification system
- Methodology for comparing transmission alternatives
- Exploration of methodologies for assessing economic values of environmental and cultural goods and services

Opportunities for Tribal Participation

- Scenario modeling
 - Policies affecting scenarios
 - Metrics used to model scenarios
- Environmental Data Task Force
 - Impacts on tribal lands
- 10-Year and 20-Year Plan development
 - Key questions
 - Plan content
 - Development process
- Funding for participation is available through 2013

Collaboration is the Key

“Unity is strength...when there is teamwork and collaboration, wonderful things can be achieved.” ...Mattie Stepanek

Questions



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