

The Proposed Western Transmission Planning Process

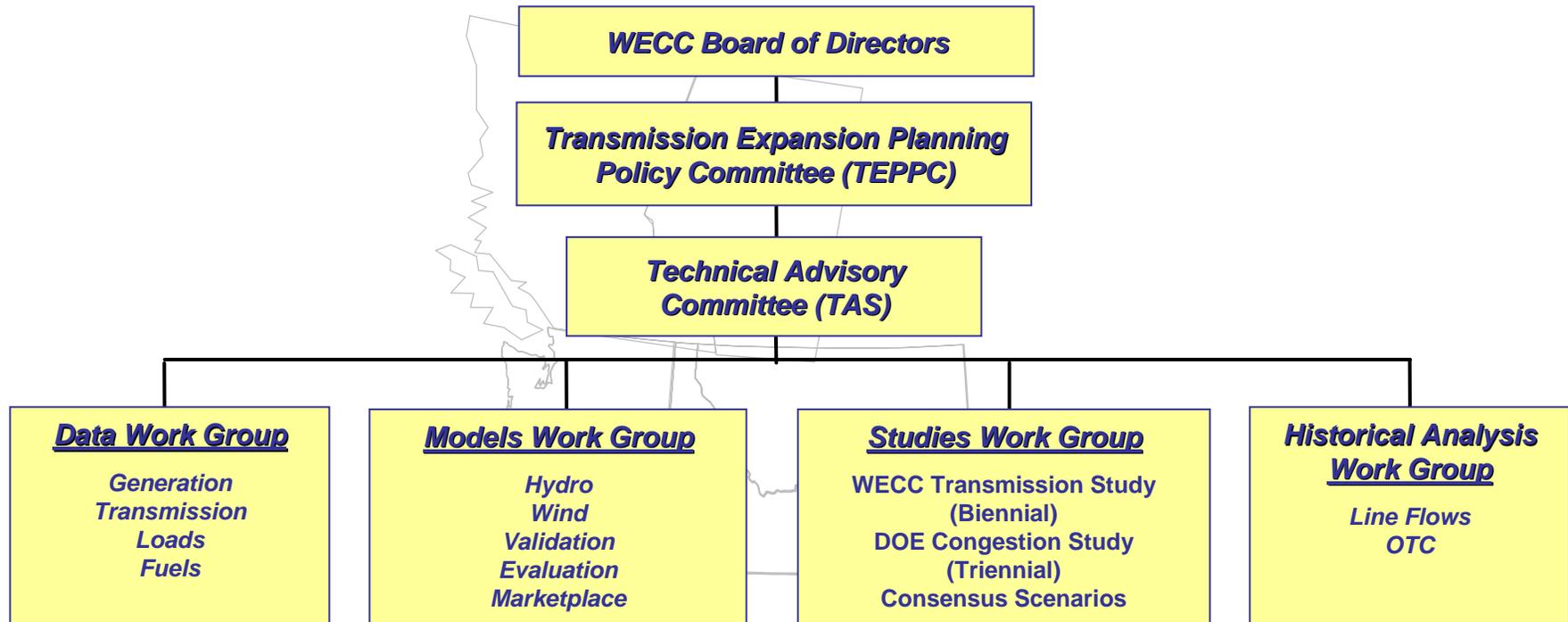


FERC Technical Conferences
Park City, UT and **Phoenix, AZ**
June 13, 2007 and **June 26 2007**

- **Meet FERC Order No. 890 requirements using existing organizations, adapted as necessary.**
- **A layered approach using:**
 - ✓ **WECC/TEPPC to provide region-wide data services and study coordination.**
 - ✓ **Sub-regional groups to address issues applicable to their sub-region of interest.**
- **Implementation – Transmission Providers file Attachment K's which reference:**
 - ✓ **The TEPPC planning protocol which provides for an annual synchronized study cycle.**
 - ✓ **The appropriate sub-regional planning protocol that addresses sub-regional needs and interests.**

- **Overseeing development and management of a common data base for economic analysis of transmission planning.**
 - **Providing policy guidance and management of the regional planning process across the region.**
 - **Guiding analyses and modeling for Western Interconnection economic transmission expansion planning.**
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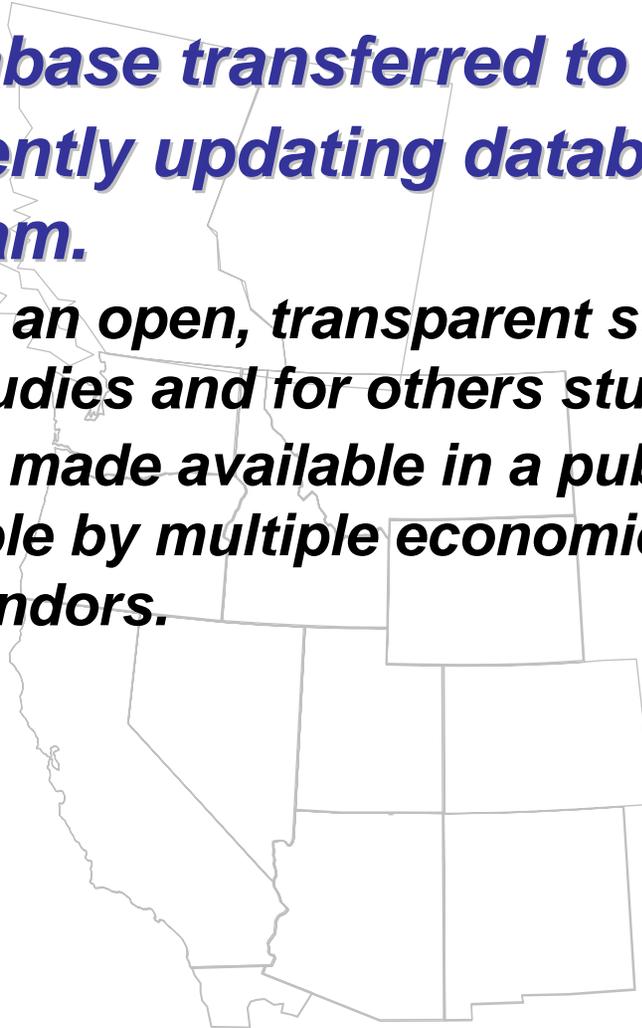
Organizational Structure



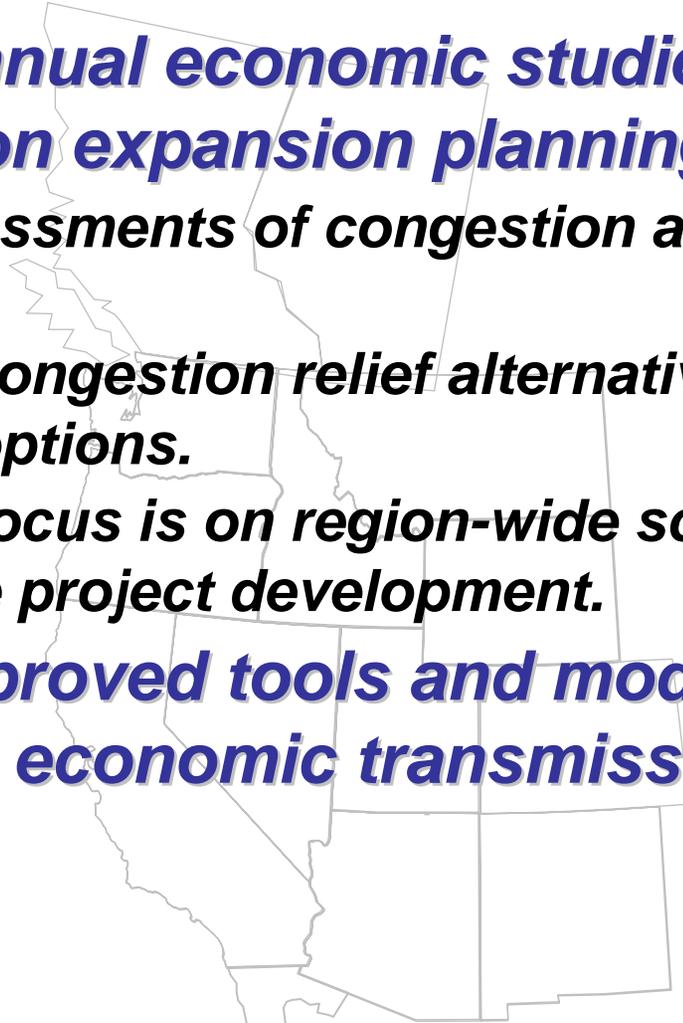
Notes:

1. **TEPPC has a balanced governance whose members represent: the WECC Board, subregional planning groups, state regulators, state/provincial energy offices, transmission owners, load serving entities, generation owners, consumers advocates, IRP experts, wholesale market experts and environmental interests.**
2. **TAS and work group membership are open to any party wishing to participate.**

- **SSG-WI database transferred to WECC/TEPPC.**
- **TEPPC currently updating database for 2007 study program.**
 - ✓ **Database is an open, transparent starting point of TEPPC's studies and for others studies as well.**
 - ✓ **Data will be made available in a public database format usable by multiple economic modeling software vendors.**

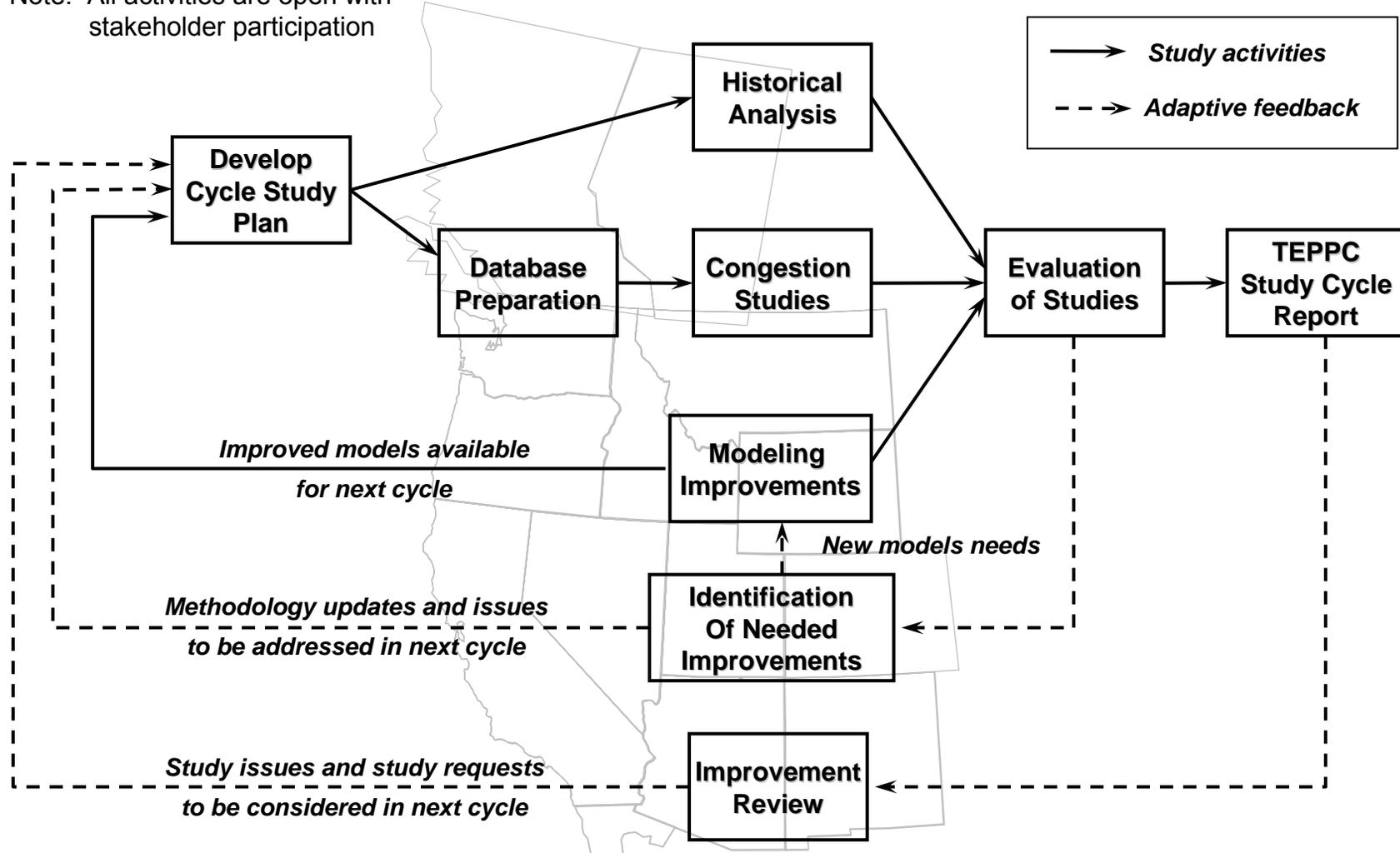


- ***TEPPC process is open to all stakeholders.***
 - ✓ ***Diversified committee membership with representatives of :***
 - The WECC Board and subregional planning groups.
 - State regulators and state/provincial energy offices.
 - Transmission owners and load serving entities.
 - Generation owners, IRP experts and wholesale market experts.
 - Consumers advocates and environmental interest.
 - ✓ ***Meetings are open to all interested parties***
- ***Technical Advisory Committee has open membership.***
- ***The TEPPC process is designed to be adaptive:***
 - ✓ ***An annual evolution of performance***
 - ✓ ***Useful and needed improvements to be made from year to year.***

- **Conduct annual economic studies for transmission expansion planning:**
 - ✓ **Make assessments of congestion and congestion costs.**
 - ✓ **Evaluate congestion relief alternatives, both wire and non-wire options.**
 - ✓ **TEPPC's focus is on region-wide screening studies to encourage project development.**
 - **Provide improved tools and models for conducting economic transmission expansion studies.**
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The Annual TEPPC Study Cycle — An Adaptive Process

Note: All activities are open with stakeholder participation



Developing the Annual Synchronized Study Plan

- **An annual window opened for receipt of economic study requests.**
- **Open meetings held to develop the annual study plan:**
 - ✓ **All requests received by TEPPC, sub-regional groups and transmission providers considered together.**
 - ✓ **Clustering and consolidation of requests made where possible resulting in a combined Western study plan.**
 - ✓ **Study leads are assigned (TEPPC, sub-regional groups, or transmission provider) based on technical expertise, breadth of interest, the study focus and stakeholder input.**
 - ✓ **Studies prioritized based on best use of available resources.**
- **Coordination among study leads through TEPPC monthly calls and quarterly meetings.**
- **Combined study report prepared each year, to include an evaluation of process for improvements in next cycle.**

An Annual Synchronized Study Cycle

Note: All activities are open with stakeholder participation

