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April 20, 2009

Docket Control
Arizona Corporation Commission
1200 W. Washington Street
Phoenix, AZ 85007

RE: Renewable Transmission Issues, Docket No. E-00000D-07-0376

Dear Sir/Madam:

Attached are the following two SRP presentations that were provided by Robert Kondziolka at the April 20, 2009 Workshop on Transmission to Support Renewable Energy Development:

- Overview of National, Regional and Subregional Transmission Planning Organizations
- SRP General Comments Concerning Policy Issues

Please feel free to contact me at (602) 236-5028 if you have any questions.

Sincerely,

Jana Brandt

Jana Brandt

Attachments

cc: Rob Kondziolka

Original and 13 copies filed with Docket Control

Arizona Corporation Commission
DOCKETED

APR 20 2009

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Arizona Corporation Commission

Fifth Biennial Transmission Assessment Commission Decision 70635

Workshop on Transmission to Support Renewable Energy Development

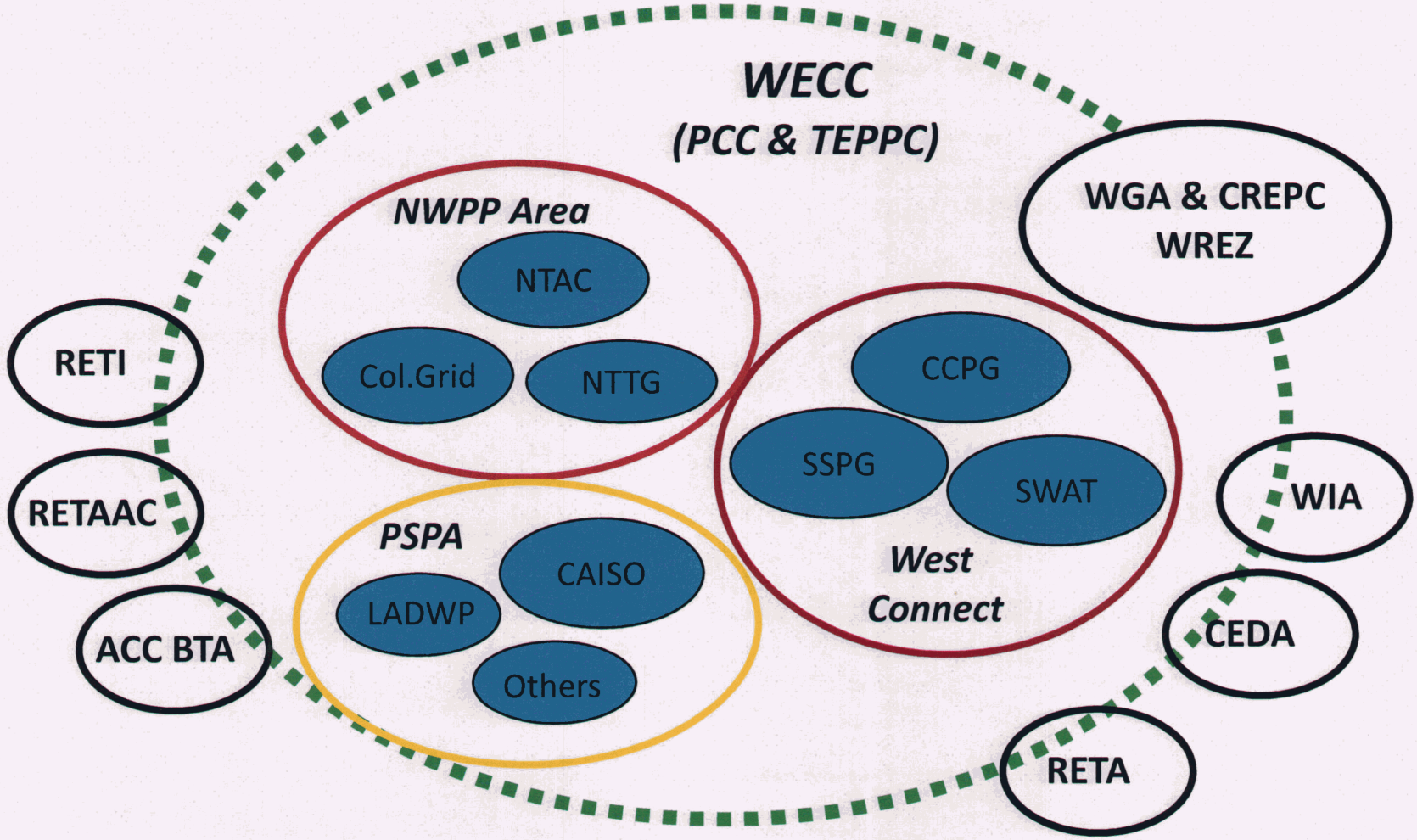
Overview of National, Regional and Subregional Transmission Planning Organizations

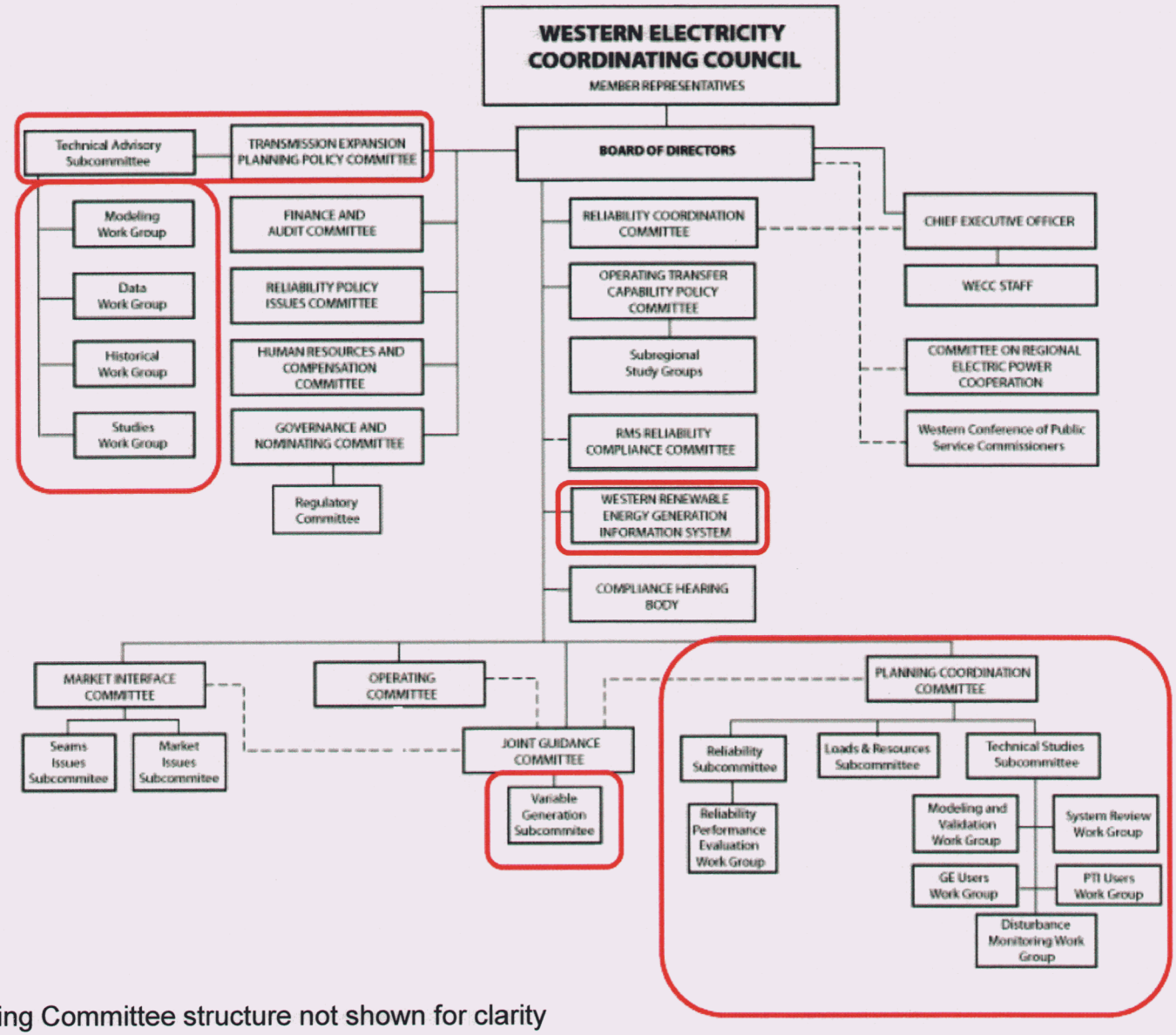
Robert E. Kondziolka, P.E.
Manager, Transmission Planning
Salt River Project

April 20, 2009

Docket E-00000D-07-0376

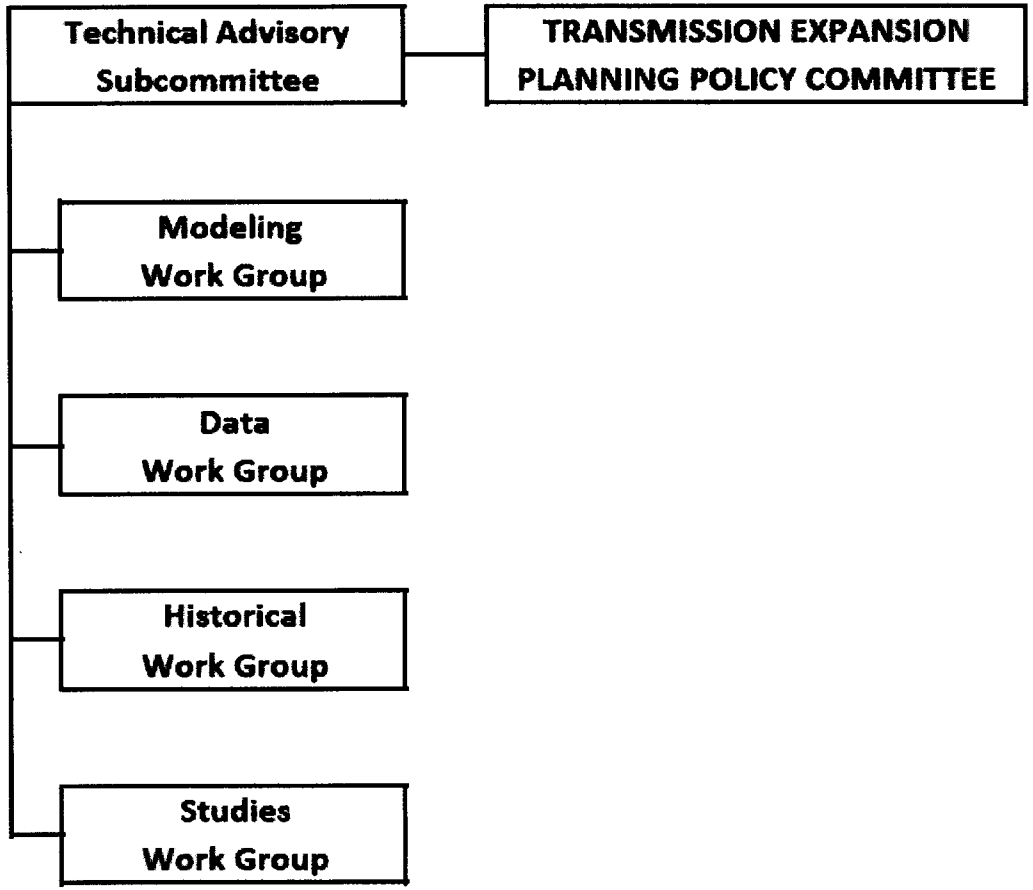
Western Interconnection Transmission Planning Groups



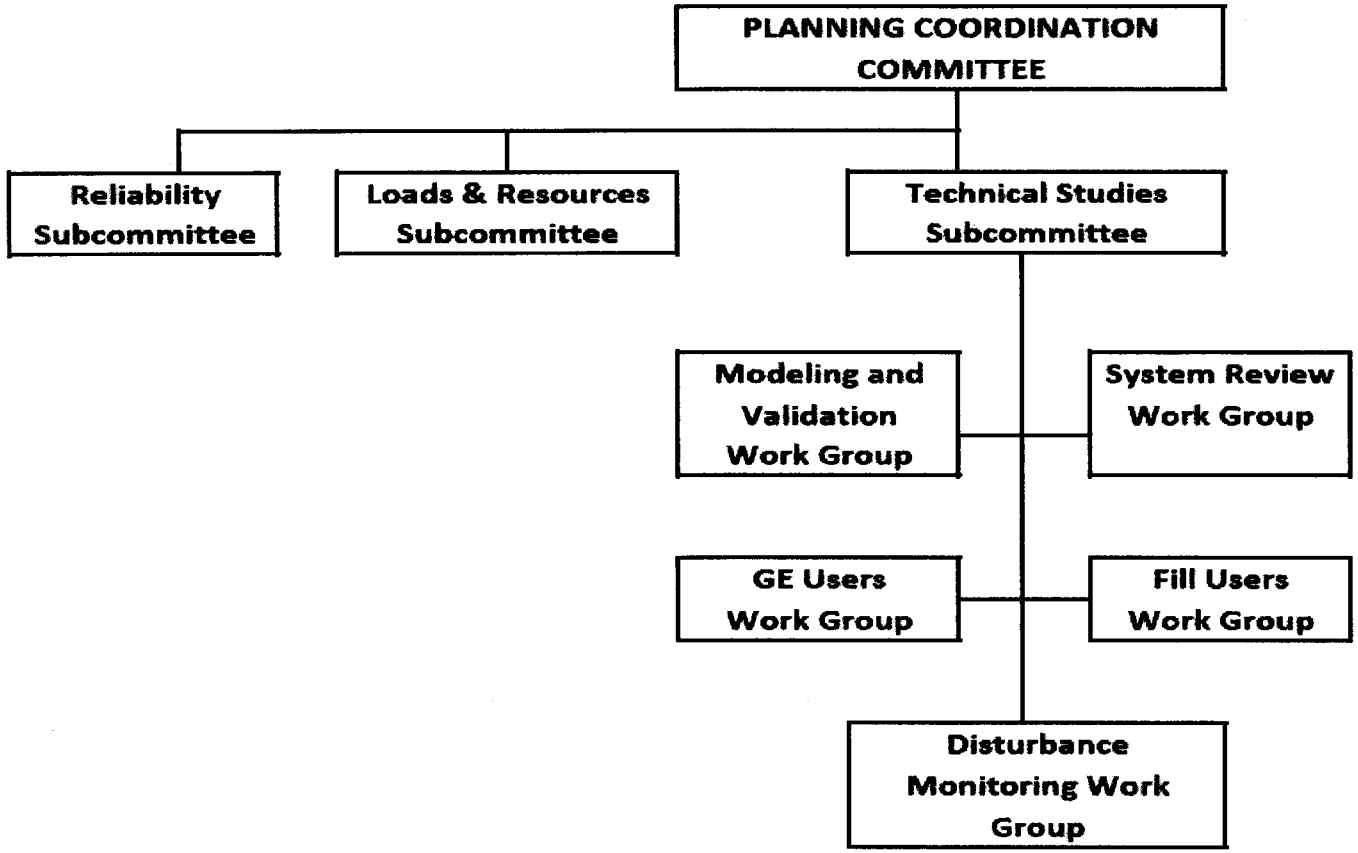


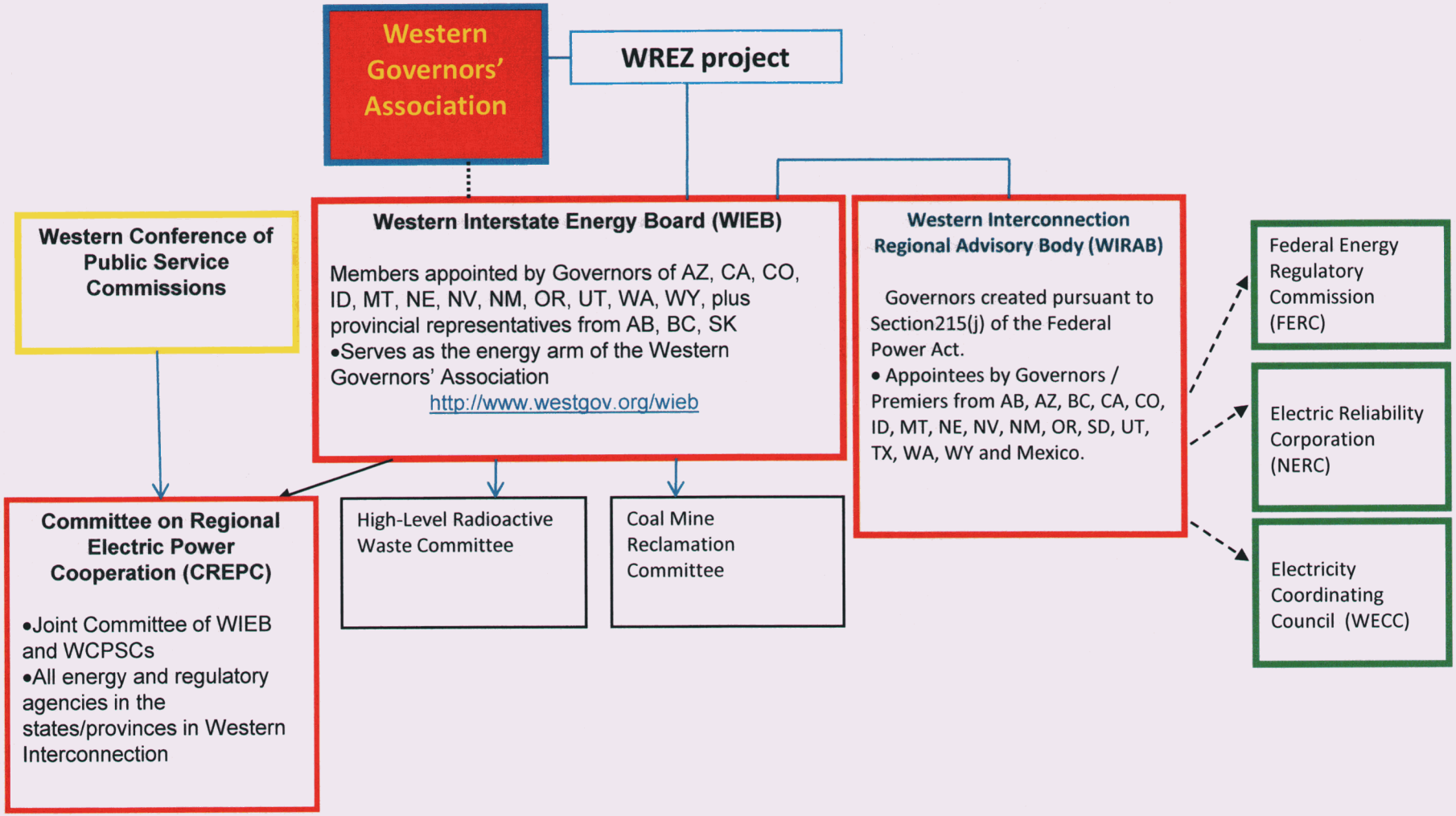
Note: Operating Committee structure not shown for clarity

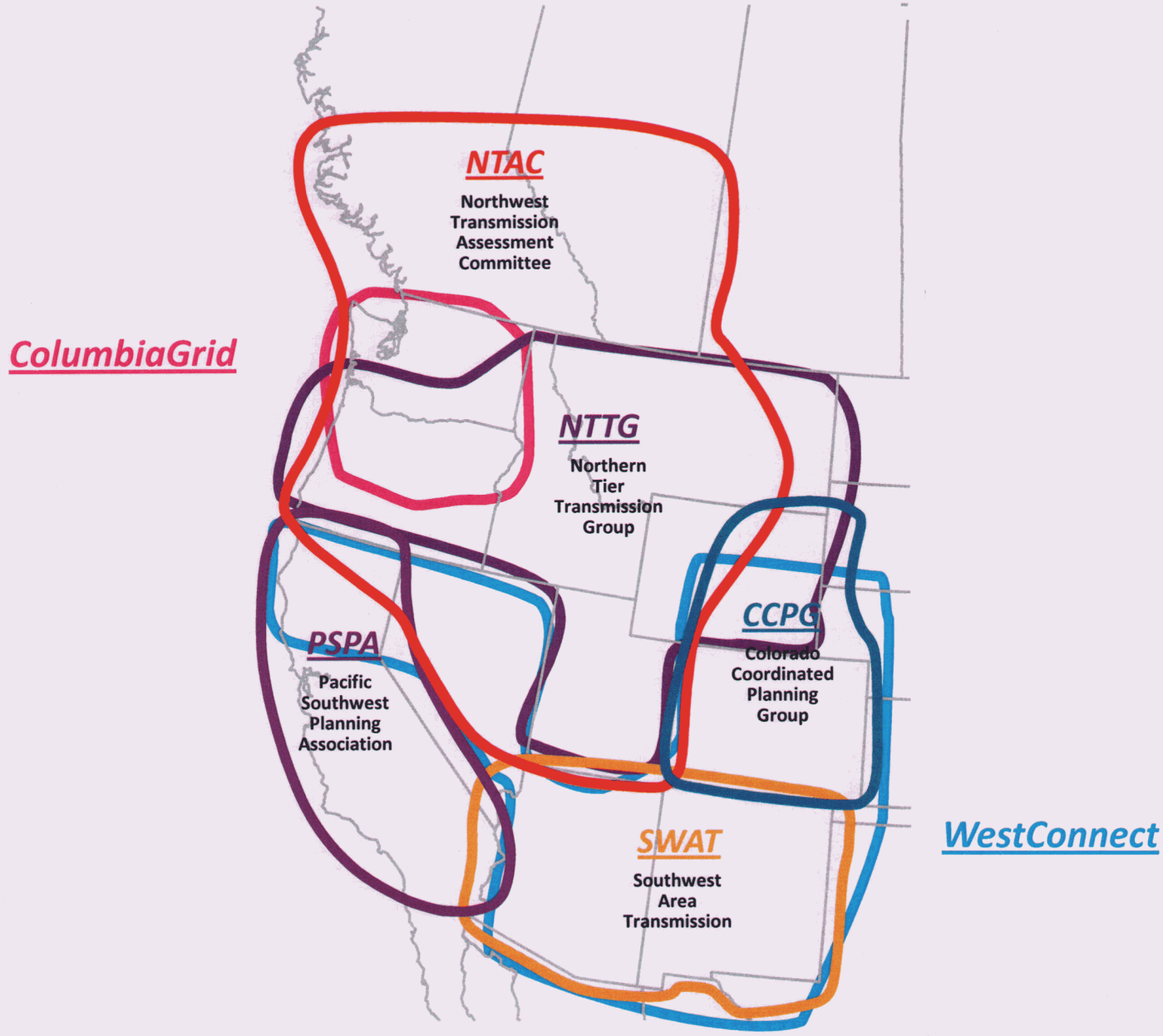
Western Electricity Coordinating Council



Western Electricity Coordinating Council

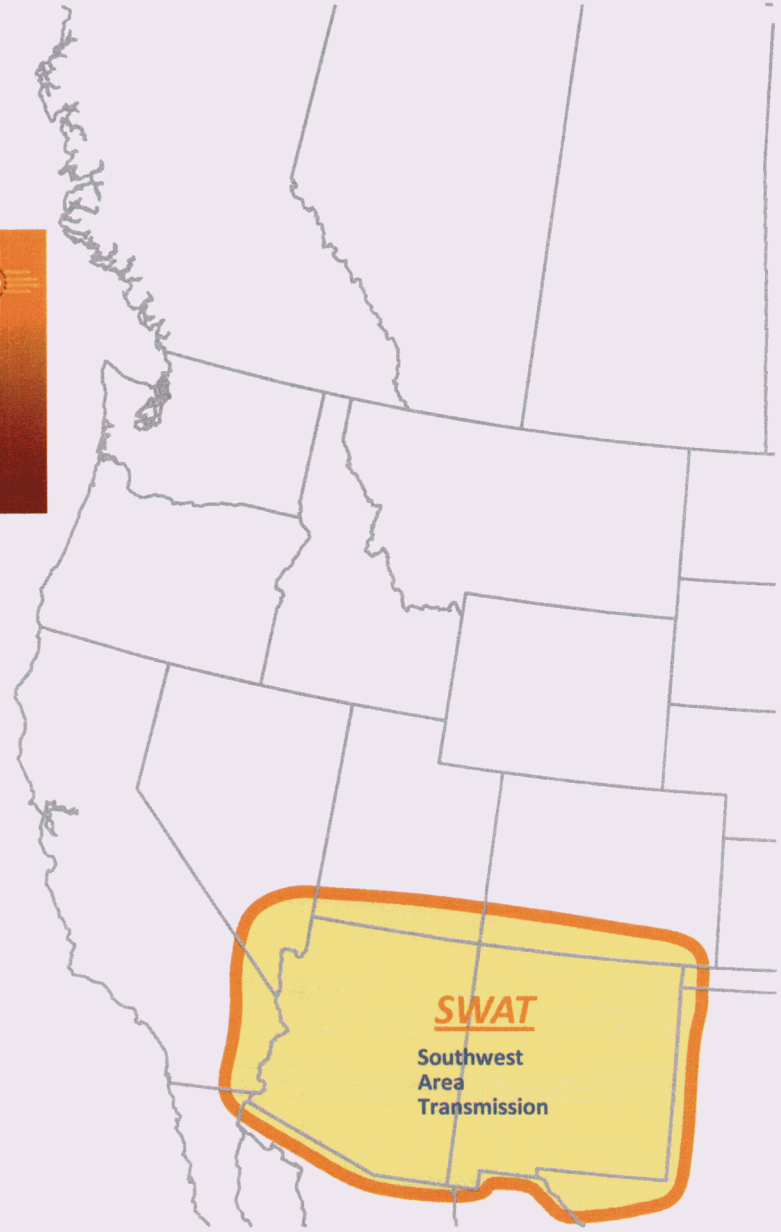



Western Governors' Association
WREZ project
Western Conference of Public Service Commissions
Western Interstate Energy Board (WIEB)
Members appointed by Governors of AZ, CA, CO, ID, MT, NE, NV, NM, OR, UT, WA, WY, plus provincial representatives from AB, BC, SK
•Serves as the energy arm of the Western Governors' Association
http://www.westgov.org/wieb
Western Interconnection Regional Advisory Body (WIRAB)
Governors created pursuant to Section215(j) of the Federal Power Act.
• Appointees by Governors / Premiers from AB, AZ, BC, CA, CO, ID, MT, NE, NV, NM, OR, SD, UT, TX, WA, WY and Mexico.
Federal Energy Regulatory Commission (FERC)
Electric Reliability Corporation (NERC)
Electricity Coordinating Council (WECC)
Committee on Regional Electric Power Cooperation (CREPC)
•Joint Committee of WIEB and WCPSCs
•All energy and regulatory agencies in the states/provinces in Western Interconnection
High-Level Radioactive Waste Committee
Coal Mine Reclamation Committee


ColumbiaGrid
NTAC
Northwest Transmission Assessment Committee
NTTG
Northern Tier Transmission Group
PSPA
Pacific Southwest Planning Association
CCPG
Colorado Coordinated Planning Group
SWAT
Southwest Area Transmission
WestConnect

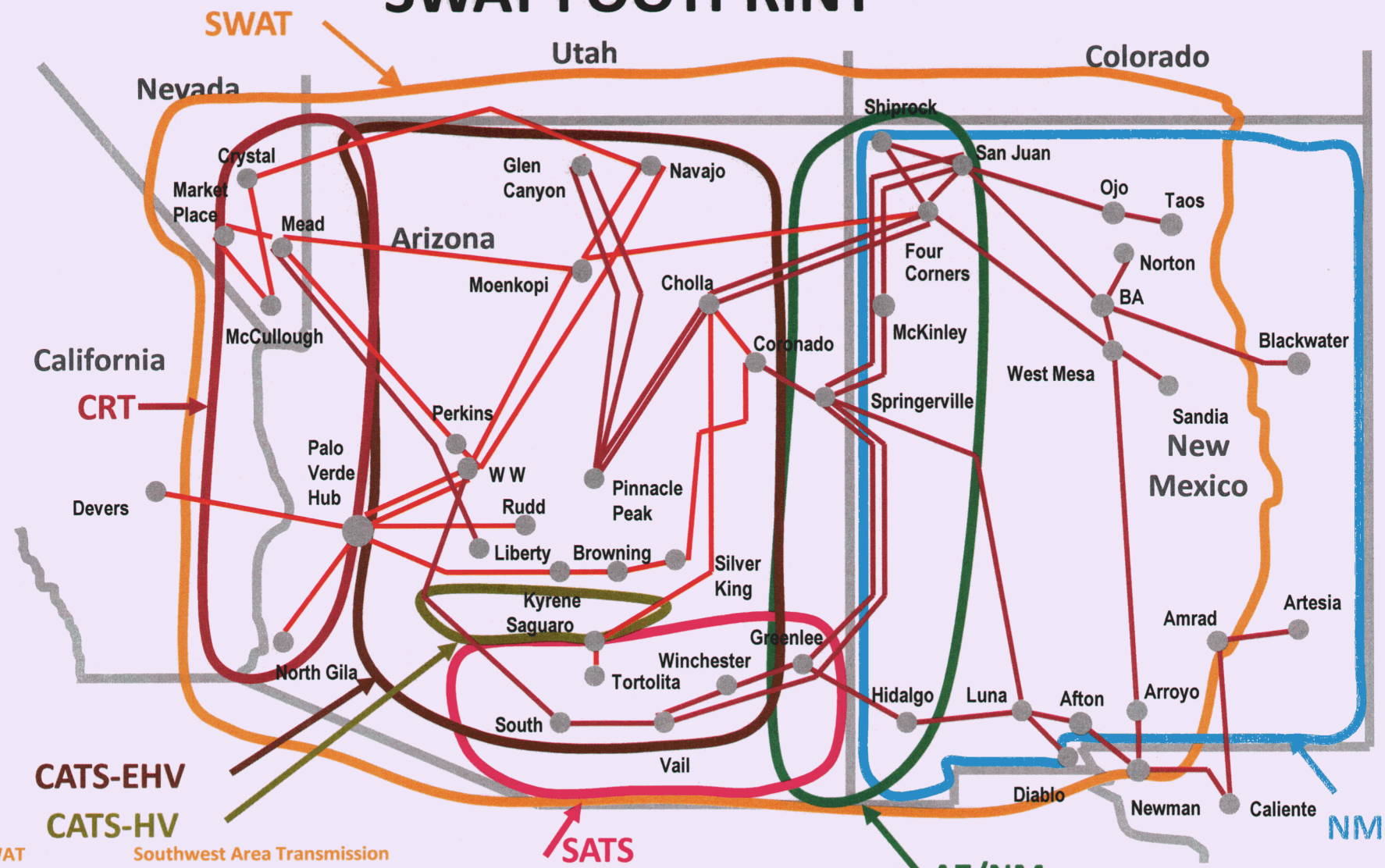
SWAT
Southwest Area Transmission

SWAT Footprint
One of the WestConnect Sub-Regional Planning Groups



http://www.westconnect.com

SWAT FOOTPRINT



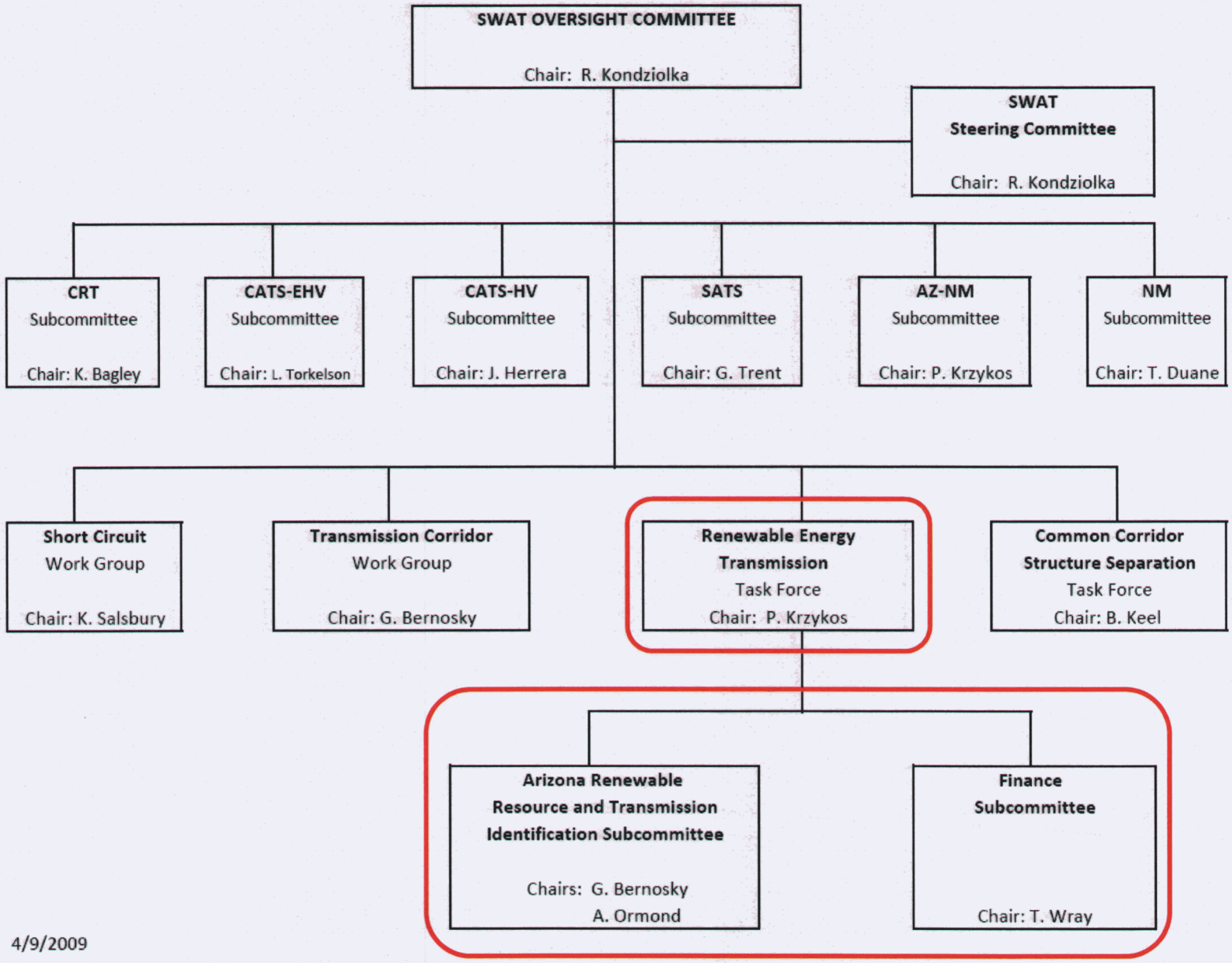
SWAT	Southwest Area Transmission
CRT	Colorado River Transmission
CATS – EHV	Central Arizona Transmission Study Extra High Voltage
CATS – HV	Central Arizona Transmission Study High Voltage
SATS	Southeast Arizona Transmission Study
AZ/NM	Arizona New Mexico Regional Transmission
NM	New Mexico Transmission

500kV
345kV

Web Sites

WestConnect: http://www.westconnect.com/init_swat.php

SWAT ORGANIZATION CHART



4/9/2009

List of Acronyms

ACC BTA – Arizona Corporation Commission Biennial Transmission Assessment
CAISO – California Independent System Operator
CCPG – Colorado Coordinated Planning Group
CEDA – Colorado Clean Energy Development Authority
Col. Grid – Columbia Grid
CREPC – Committee on Regional Electric Power Cooperation
LADWP – Los Angeles Department of Water and Power
NTAC – Northern Transmission Advisory Committee
NTTG – Northern Tier Transmission Group
NWPP – Northwest Power Pool
PCC – Planning Coordination Committee
PSPA – Pacific Southwest Planning Association
RETAAC – Nevada Renewable Energy Transmission Access Advisory Committee
RETA – New Mexico Renewable Energy Transmission Authority
RETI – California Renewable Energy Transmission Initiative
SSPG – Sierra Subregional Planning Group
SWAT – Southwest Area Transmission Subregional Planning Group
TEPPC – Transmission Expansion Planning Policy Committee
WGA – Western Governor Association
WIA – Wyoming Infrastructure Authority
WECC – Western Electricity Coordinating Council
WIEB – Western Interstate Energy Board
WIRAB – Western Interconnection Reliability Advisory Board
WREZ – Western Renewable Energy Zones

Arizona Corporation Commission

Fifth Biennial Transmission Assessment Commission Decision 70635

Workshop on Transmission to Support Renewable Energy Development

Questions?

Contact Information

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(602) 236-0971

Arizona Corporation Commission

Fifth Biennial Transmission Assessment Commission Decision 70635

Workshop on Transmission to Support Renewable Energy Development

SRP General Comments Concerning Policy Issues

Robert E. Kondziolka, P.E.
Manager, Transmission Planning
Salt River Project

April 20, 2009

Docket E-00000D-07-0376

Timing

SRP Will Invest and Develop Transmission Based on Load Growth and Renewable Energy Requirements Defined by SRP's Board

Permitting of Corridors to Renewable Energy Zones

- **ACC should support the siting and permitting of corridors for transmission in advance of specific projects**
- **Broader Evaluation of Need**
- **Provide access to renewable resources**
- **Identify transfer capability needs**
- **Facilitate in-state needs and export opportunities**

Longer Terms of CEC

- **Reduce development time frame difference in development between transmission and renewable resources**
- **Provide certainty to renewable energy financing**
- **Provide certainty to renewable energy development process**

Who Pays

SRP Will Seek Lowest Cost Options to Develop Transmission

SRP Will Only Invest in Transmission That Has Direct Benefits to SRP Customers

SRP supports joint ownership of transmission projects. Parties are responsible for investments to meet their needs. Each party responsible for their *pro rata* share of ownership

SRP will not invest for speculative or third party interest

SRP believes the direct beneficiary should pay the cost to develop the transmission.

Import/Export

SRP will participate in regional and sub-regional planning to identify transmission options that meet multiple purposes

SRP will endeavor to work with other parties to develop the most economical, efficient, and versatile transmission projects

SRP will seek opportunities to include wholesale or export options in transmission development

Definition of Renewable Transmission Projects

The definition of a Renewable Transmission Project should be based on broad characteristics and the projected ability to meet designated objectives, such as "Any new transmission or transmission upgrade that provides for access to and delivery of renewable energy resources in Arizona." An upfront designation will provide certainty for development.

Definition should avoid the use of a specific capacity or energy-hours targets for transmission. How do you measure for compliance (instantaneous values or averaged over different time frames) and what are consequences for non-compliance?

Use of capacity or energy-hour target values introduces potential non-discriminatory open access issues to transmission that would further complicate the use of a specific target. Might introduce private-use type restrictions.

SRP will not limit transmission for renewable energy to designated renewable energy zones as this will likely restrict access to renewable projects

Prioritization of Projects

SRP desires transmission that can meet long term needs and has the ability to serve multiple purposes

Can access multiple resources or energy hubs

Cost and schedule

Distance from service territory

Integration into local transmission system

Ability to align partnerships

Permitting issues