Advisory Work Group – kick off meeting June 28, 2011

Attendees:
LeeAnn Torkelson (SRP), Mike Deis (SMUD), Mo Beshir (LADWP/CTPG), Madeleine Aldridge (First Solar), Julia Souder (Cleanline Energy), Ben Morris (consultant with CTPG on behalf of PGE).

LeeAnn reviewed the genesis and formation of the Advisory Work Group as well as reviewing the group's scope of work. LeeAnn would like to see the group develop a list of activities that are occurring in the west and figure out who is already monitoring the activities and can share the information with the SWAT membership.

Another needed activity is the cross-pollination of planners between California and Arizona to answer questions such as:

- What is SWAT/Arizona doing related to RPS?
- What is SWAT/Arizona studying?
- Is California allowed to take renewable energy from out of state? How much?
- What is California studying?
- How can the adjacent SPG's help one another?

The California representatives on the phone would like AWG to have information flow both ways, not just California providing information to SWAT.

Beginnings of a list of planning activities in the West:

- Transmission Planning NOPR – cost allocation
- How the west can work cooperatively to get to a 33% renewable energy level
- CPUC = building long term planning activities, look at renewable portfolio needs.
- Monitoring the implementation of the CA State law requiring 33% by 2020. Identifies how California utilities meet the 33% (in-state/out of states).
- CEC – IPR process (integrated policy report): develops net short (how much needed for renewable once subtract existing renewable)

Getting involved:

- CTPG Activities:
    - CTPG has stakeholder meeting, providing information via websites, meeting notes, reporting mechanisms. CTPG is an open, transparent, organization
    - Go to website to get put on mailing list. www.ctpg.us.
    - CTPG has a process to get base cases to follow the studies.
- CAISO = need a contact at the CAISO to join this effort
- SWAT activities:
    - Contact LeeAnn to get on SWAT distribution lists, visit WestConnect website to contact chairs of the SWAT subcommittees.
    - SWAT website: http://www.westconnect.com/planning_swat.php

Summary of CTPG activities:

- CTPG prepares an annual conceptual transmission plan, with the first annual transmission plan, published beginning of 2011.
- CTPG doesn't pick projects or winners or losers, only identifies impact on transmission system. The BA's can use the conceptual plan for their planning purposes.
- For the 2nd annual plan, expecting to build 11 cases, 4 portfolios cases. Continuing to develop the study plan, plan is open for stakeholder comment in July. In May 2011 there was a meeting to identify scenarios from Stakeholders.
- CTPG only runs power flow cases (not production cost modeling)
- The scenario of most interest to SWAT will be addressing WOR flows. CTPG studied several peak/off-peak cases in the Phase 4 report that may be of interest to SWAT. CTPG is re-doing the studies this study cycle, to see if OTC (once through cooling) changes flows on the WOR capabilities and imports for renewable.
- When CTPG models renewable energy outside of the state, it injects energy at the California border as to avoid choosing a particular area or project.
- This study cycle, due to state law requirements, scope, and to complete studies requires a statewide plan at the end of the year.
- Why annual studies? Trying to help the membership, this is why it is annual. Work is voluntary from the members. Small fund for executive committee to do stuff beyond what is needed for the membership.

CTPG organization and study efforts

- Have an executive committee (VP/AGM level have capability to acquire funds to do studies/efforts, can help bring resources to the table).
- Also a mandate – FERC – must have a coordinated plan to bring people together. Executive committee has taken on role to represent California and the planning activities.
- Must have annual studies, per RPS standards to have long term transmission concept.
- CTPG is early in development, so there is a lot of interest and personnel assigned to the project, the interest and activities may wane in a few years when studies become routine.
- State legislation may change to 40-45% renewable requirement.
- Last year's plan was heavily driven by those projects that had signed PPA's.
- This year's plan expects to study the impacts to the grid if resources are acquired from areas that may not have PPA's.

Summary of SWAT planning activities

- SWAT is a volunteer organization that does study work in response to an identified need. There is no formal annual planning cycle or process to take study requests, evaluate, and then study.
- The current study work by SWAT is performed by SWAT subcommittees is generally in response to Arizona Corporation Commission requirements. The Arizona jurisdictional utilities must with assistance from non-jurisdictional entities generally complete the studies.

Action items

- Mo to send the SBX1-2 (the 33% legislation) law to LeeAnn for distribution
- LeeAnn to begin development a list of activities and ask for volunteers who may be monitoring
- All – make sure there is cross pollination between the sub regional planning groups
- Mike/Mo coordinate getting LeeAnn/Amanda on a future CTPG agenda to highlight SWAT activities

Upcoming meetings:

- CTPG = Executive committee – July 7, Sacramento. Public comment period. All day meeting
- CTPG = Technical subcommittee meeting – Thursday June 30. Not open to stakeholders.
- CTPG usually has Technical study meetings every Tuesday, but may be scheduled as needed.
- CTPG stakeholder meeting tentatively July 18 to review the study plan.
- SWAT = August 16 1-5 pm, Westminster, Colorado.