

**Western Markets Executive
Committee
WEIS Resource Adequacy Task Force
Scope Statement 0727/2022**

PURPOSE

The WEIS Resource Adequacy Task Force (WRATF) is responsible for evaluating and reporting on the viability of two alternatives of Resource Adequacy constructs: a) the Western Resource Adequacy Program (WRAP) and b) the existing SPP construct in the east RTO footprint. The evaluation will provide the basis for establishing a Resource Adequacy standard for the Western Energy Imbalance Service (WEIS) footprint.

The WRATF reports to the Western Markets Executive Committee (WMEC).

GOALS AND PRINCIPLES The Task Force will consider the attributes listed below when forming any recommendation brought to the WMEC regarding the preferred Resource Adequacy Construct: :

1. Resource Adequacy is determined by:
 - a. Reliability of generating facilities in all weather conditions
 - b. Reliability of fuel supply (in terms of adequate volumes and duration)
 - c. Reliability of transmission for deliverability of generation to serve load (could be framed as need for firm transmission rights)
2. In order to ensure reliability, Resource Adequacy constructs need to apply to all load within the WEIS, both direct WEIS Participating Load and Non-Participating Load.
3. There may be a need for Phase-in, such as:
 - a. A period when identification of and reporting of RA sufficiency and RA insufficiency occurs, followed by,
 - b. A move to requirements which could include an enforcement of penalties for non-compliance along with potential implementation of incentives for compliance.
4. Recognition of unique operational characteristics such as:
 - a. Environmentally constrained hydro facilities; or
 - b. Limited dispatched capability generating facilities such as solar and wind
 - c. Energy storage (i.e. batteries, pump storage)
5. Recognition of any state or federal regulatory requirements.
6. Recognition of potential future RA constructs and potential transition to

such future RA constructs, if advisable. (for example, start with SPP's construct and transition to WRAP, if advisable)

7. Review of RA constructs and their respective supply adequacy policies, processes and requirements. This includes, but is not limited, to the following:
 - a. Review of resource adequacy requirements
 - b. Review of Loss of Load Expectation (LOLE) study processes
 - c. Review of Deliverability study processes
 - d. Review of Effective Load Carrying Capability (ELCC) studies (pertains to wind, solar, and batteries)
 - e. Resource accreditation methodology including availability, fuel supply, or any other areas specific to generation and demand response resources
8. Work with appropriate entity(ies) [most likely SPP for SPP RA and WPP for WRAP RA] to have education sessions for the RAWG and WEIS participants. Education session to address background on need for RA construct and delving into details as necessary.
9. Provide updates to the WMEC at regularly scheduled meetings commencing on August 31, 2022 and continuing until the task force is retired or a formal working group is created or an RTO is formed.

REPRESENTATION

The WRATF is an ad-hoc working group to evaluate and present to the WMEC the pros and cons of the two potential Resource Adequacy constructs along with a recommendation used for establishing a WEIS footprint Resource Adequacy standard.

The WMEC Chair will appoint representatives to the working group and SPP will provide a Staff Liaison.

Task force is meant to be informal, but will generally conform to working toward consensus with a one person - one vote as necessary.

Representatives should have expertise in at least one of the following areas: resource planning, load forecasting, power plant operations, transmission (operations or planning), markets, or regulatory.

REPORTING

The WRATF reports to the WMEC for all activities. As necessary, the WRATF may appoint a representative of the WRATF as a liaison to other groups, such as the WRAP and the SPP's SAWG.