Severe weather events in the West over the last several years have demonstrated the vulnerability of the power system to resource adequacy risks. In addition, with the majority of western states committed to aggressive clean energy targets and new federal energy policies dedicating billions of dollars to clean energy development, rapid changes to the mix of available resources will continue and is likely to increase in magnitude and pace for the foreseeable future.

WECC BACKGROUND

Resource Adequacy is one of WECC’s four Reliability Risk Priorities. To assess this risk priority and provide valuable insights that inform decision-making, WECC produces an annual Western Assessment of Resource Adequacy (Western Assessment). The Western Assessment is an energy-based probabilistic analysis of resource adequacy across the entire Western Interconnection for the next ten years.

WECC’s Western Assessment complements NERC’s Long-Term Reliability Assessment (LTRA), offering additional perspectives on resource adequacy in the Western Interconnection. In addition, the assessment can complement analyses performed by other entities in the West by providing a high-level look at resource adequacy risks that can help stakeholders target areas for deeper examination and mitigation.

WECC is committed to evaluating evolving trends and risks, conducting comprehensive analyses, and providing unbiased and objective information to industry stakeholders on resource adequacy. WECC’s unique interconnection-wide perspective, access to data and resources, and resource-agnostic approach make WECC an essential contributor to these discussions. For more information on the Western Assessment and WECC’s resource adequacy work, visit WECC.org.