



RESOURCE INTEGRATION ADVISORY



RESOURCE INTEGRATION ADVISORY SERVICES

Qualus Resource Integration Advisory (RIA) consultants have guided more than 200,000 megawatts of wind, solar, geothermal, storage, and conventional resources, as well as various large load types such as data centers, vehicle charging, and hydrogen generation stations for nearly 250 clients through various stages of the grid interconnection process with nearly 75 transmission and distribution service providers in all regions of North America, particularly in California.

Qualus consultants have helped clients reduce grid interconnection costs by aiding in the selection of the point of interconnection and project size before the interconnection process and through review and proper critique and protest of the interconnection study results. In this capacity, Qualus consultants have also acted as expert witness in the related regulatory proceedings.

CAPABILITIES

INTERCONNECTION SERVICES

- Perform automated capacity injection and deliverability studies for potential POIs and develop Heat Maps
- Conduct pre-application assessments and feasibility studies
- Interpret and critique transmission/distribution service provider studies and costs and offer more suitable interconnection solutions when applicable
- Review and negotiate interconnection agreements
- Provide technical support during project implementation
- Provide technical data for material modification assessments; review and critique MMA results

TECHNICAL ANALYSIS AND CONSULTING

- Perform interim and final deliverability studies
- Review and analyze deliverability assessments by transmission service provider
- Perform affected system studies
- Assess interconnection risks for resource acquisitions
- Study commercial viability from congestion/curtailment viewpoints
- Offer technical advice for Power Purchase Agreement negotiations
- Perform interconnection and transmission studies using PSLF, PSSE, ASPEN, CAPE, PSCAD, and more
- Provide expert witness testimony