



# TRANSMISSION SYSTEM STUDIES

Our engineers are experts at performing transmission system studies that include steady state, stability, short-circuit, transient switching and congestion analyses. Tools that we use for these analyses are PSS/E, TARA, PSLF, ASPEN, PSCAD, ATP and our own specialized programs. Our client list includes large investor-owned utilities, Independent System Operators (ISO) and merchant power plant developers.

## TYPICAL STUDIES PERFORMED:

- Generation System Impact
- Generator Feasibility
- Transmission System Expansion and Operations
- Non-Transmission Alternative Analysis
- Congestion Analysis
- DER Cluster Studies
- Power System Protection
- NERC Modeling, Testing and Documenting for MOD-025, -026, -027, -032, and TPL-001
- Capacitor Bank Switching and Application
- Needs Assessments
- Transmission Upgrade Approval Studies



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