

RENEWABLE ENERGY SYSTEM PLANNING, ANALYSIS & CONSULTING

RENEWABLE ENERGY SOLUTIONS

System planning in the renewable energy industry requires first-hand experience and leadership. The EN Consulting team offers comprehensive expertise and demonstrated success in electric power system management including electricity generation, transmission, distribution, and battery storage.

EN Consulting engineers deliver valuable insights on technical and complex transmission projects, HVDC, and FACTS system solutions along with the services needed to support these projects from inception to commissioning.



We also provide strategic guidance through methodologies such as power flow studies and case-specific analysis in all phases of project conception, development, and planning. That includes guidance in technical, regulatory, and operational aspects of electric power systems.

SERVICES

Strategy and Planning

- Utility-scale transmission and distribution planning studies
- Large generator and merchant transmission interconnection studies
- Renewable resource and energy storage interconnection studies for transmission and distribution
- Project feasibility and screening studies
- Cost allocation studies and methodologies
- Business model feasibility and development
- Economic decision-making analyses
- Understanding electric markets and commercial aspects of power systems

Conception and Development

- Project scope development and refinement
- Conceptual design development
- Stakeholder identification and strategies
- Comprehensive economic evaluations
- Regulatory process preparation, testimony, and support
- Site investigations and evaluations
- Technical and commercial contract development and negotiation

Project Management

- Scheduling and budgeting
- Interface management and coordination
- Project controls and quality assurance
- Commissioning coordination and support
- Construction observation
- Witnessing of equipment tests
- Owner's engineer services

