



With three decades providing technical services and independent advice for the on-shore wind, offshore wind, and solar energy markets, AWS Truepower has earned its reputation for personal service, quality, transparency and responsiveness. We offer each client a customized approach to their unique situation.

OUR SOLUTIONS

PROJECT DEVELOPMENT

Resource Assessment

Site Screenings
Wind/Solar Resource Monitoring
SODAR & LIDAR Services
Wind/Solar Resource Summary Reports

Energy Assessment

Preliminary Layout Design and Energy Assessments
Energy Production Estimates
Energy Yield Reports
Energy Production Reports
Turbine Layout Design

Environmental Assessment

Noise Analysis
Photo Simulations
Shadow Flicker Analysis
Viewshed Analysis

Technology Assessment

Turbine Suitability Forms
Turbine Selection & Technical Reviews
Power Performance Testing

Electrical Infrastructure Assessment

Grid Integration Studies
Initial Circuit Capability Assessments
Thermal Screening
Contingency Studies
Reliability Studies
Interconnection Application Support
Point of Interconnection Optimization
Site-Specific Electrical System Reviews
Load Variability, Coincidence, and Ramp-Rate Studies

INDEPENDENT ENGINEERING & DUE DILIGENCE

Data Room Reviews
Onsite Inspections
Third Party Independent Reviews
Energy Production Reports
Operational Energy Production Reports
Portfolio Evaluations
Technology Supply and Warranty Contract Reviews
Pre-warranty Expiration Evaluation
Capital Expenditures Estimates
O&M Cost Estimates

PERFORMANCE ASSESSMENT

Operational Plant Performance Reports
Operational Energy Production Reports
Energy Variance Assessments
Plant Performance Optimization
IEC Turbine Testing
Wind Anomaly Assessments

FORECASTING

Advanced Forecasting Services for Solar/Wind/Hydro
Construction Forecasting
Curtailment and Revenue Analysis

RESEARCH AND PLANNING

Grid Integration Studies
Market Penetration and Resource Potential Studies
Economic Impact Studies
Economic and Policy Analysis
Advanced Energy and Resource Modeling