

Proven in Wind Energy Development

Our experience in wind energy consultancy, inspections, technical due diligence, risk assessments and in-service condition monitoring encompass more than 5068 MW of wind power.

Global Reach in Life Cycle Services

Our staff has extensive experience addressing the toughest technical challenges for owners, investors, manufacturers of projects worldwide and wind turbine models from the most recognized brands in the industry. By understanding the risks and helping solve issues in every phase of the wind turbine life cycle – Conceptual, Design Basis, Site-Specific, Manufacturing, Installation, Commissioning and In-Service – we have become a highly qualified owner’s engineer.

ABS Consulting is working on projects in more than 30 wind farms worldwide. A sample of our projects can be seen in the table at right.

Our message is simple. Whether helping conceptualize and build a project or performing inspections and practical condition monitoring services, we are the global technical engineering team of choice to help you maximize your wind energy assets.

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Project	Capacity	Country	Year	Client	Services
Multiple Wind Farms	1,384 MW	USA	2011-	Gamesa	Wind Turbine Service Lift & Compliance Verification
ZeeEnergie and Buitengaats Offshore Wind Farms	600 MW	The Netherlands	2011-	Typhoon Offshore	QHSE Management, Cable Package Management & Wind Turbine Package Management
Kriegers Flak Offshore Wind Farm	600 MW	Sweden	2009-	Vattenfall	Consultancy QA Management
Greater Gabbard Offshore Wind Farm	500 MW	UK	2009-	Fluor	Consultancy & Inspections
Nordsee Ost Offshore Wind Farm	300 MW	Germany	2011-	RWE Innogy	Manufacturing Monitoring of Foundation
Belwind Offshore Wind Farm NV	300 MW	Belgium	2010-	Belwind	QHSE, Gearbox inspection & Consultancy on Sub-Structure
Northwind Offshore Wind Farm (Eldepasco)	216 MW	Belgium	2011-	Northwind NV (Eldepasco)	QHSE Management, Supervision & Risk Management
Ormonde Offshore Wind Farm	200 MW	UK	2009-	Vattenfall	Consultancy
St. Nikola Onshore Wind Farm	156 MW	Bulgaria	2008	AES	Technical Assistance for foundation & tower
Lake Benton Wind Farm	106 MW	USA	2011	AES	Independent Blade Investigation
New Creek Onshore Wind Farm	100 MW	USA	2010	AES Wind	Site-specific Extreme & Wind Analysis
Multiple Wind Farms	100+ MW	USA	2011-	Iberdrola	In-Service Consultancy & Risk Management
Shin Izumo Onshore Wind Farm	78 MW	Japan	2009	Eurus Energy	Risk Assessment
Fazenda Nova Onshore Wind Farm	74 MW	Brazil	2010	Endesa	Risk Assessment, Construction & Electrical Transmission Risks
Soyamisaki Onshore Wind Farm	57 MW	Japan	2006	Eurus Energy	Seismic Assessment
Takpol SA	50 MW	Uruguay	2011-	Takpol SA	Wind Date Certification
Roth Rock Onshore Wind Farm	50 MW	USA	2010	Nordex	Transportation Damage, Investigation & As-built Tower Analysis
Middelgrunden	40 MW	Denmark	2011-	Wind Turbine Owner	Consultancy Assistance on main transformer
Offshore project in US	30 MW	Germany	2011-	Wind Turbine Manufacturer	Site-Specific Design Review of 5 MW offshore wind turbines
Rio de la Plata Onshore Wind Farm	30 MW	Uruguay	2010	Utilaje (Corriente Alterna)	Technical advice for wind farm layout
Buffalo Ridge Wind Farm	29 MW	USA	2011	NextEra	Storm Forensic Inspections & Assessments
Fishermen’s Energy Atlantic City Wind Farm	25 MW	USA	2011-	Fishermen’s Energy	Project Certification
HPH	15 MW	Mexico	2011-	HPH	Wind/Solar Assessment
Yttre Stengrund Offshore Wind Farm	10 MW	Sweden	2010-	Vattenfall	Repowering & Foundation Evaluation
Gamesa G10	4.5 MW	USA	2011-	Gamesa	Wind Turbine Transportation & Finite Element Analysis
Nordex	2.5 MW	USA	2010-	Nordex	Wind Turbine Platform Design Assessment
WindFloat I Floating Offshore Wind Turbine	2 MW	Portugal	2011	Principal Power	Certification of Design & Fabrication and Installation
Inox	2 MW	India	2011-	Inox Wind Ltd.	Composite Glass FRP Blade Inspection
PowerWind	0.9MW	USA	2011-	PowerWind	Wind Turbine Design, Safety Compliance & Verification
PowerWind	0.9MW	United Kingdom	2011-	PowerWind	Wind Turbine Design & Safety Compliance
Enercon	0.8 MW	India	2010	Enercon	Inspections
Total	5,070+ MW				