

GoWind-n-Sun EnerTechCon India Private Limited



<http://gowindsun.com>



Overview :

Government of India's energy sector policies aim "to provide access to affordable, reliable, sustainable and modern energy", which intends to achieve the following milestones on the way –

- Make available 24x7 power to all by 2019.
- Achieve 175 GW of renewable energy (100 GW solar, 60 GW wind, and 15 GW biogas) generation capacity by 2022.
- Reduce imports of oil and gas by 10 per cent by 2022-23.
- Continue to reduce emission intensity of GDP in a manner that will help India achieve the intended nationally determined contribution (INDC) target of 2030.

India is making significant strides in developing strong policies supporting both wind and solar energy and have potential to create up to 1 million job opportunities for over 3 lakh workers by 2022. States or provinces in India also play a major role through state level energy policies.

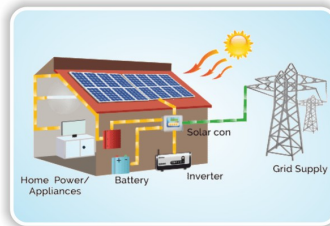
Realising these important aspects, **GoWind-n-Sun EnerTechCon** will create significant impact in Wind Energy, Solar Energy, New and Smart Technologies and Consulting. Our mission is to be key stakeholder to support nation's efforts by identifying right opportunities in Wind and Solar power and new technologies.

Lifecycle Services in Wind and Solar Energy

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Project Development & Management:

- Identify Project Opportunities
- Site Identification for the Grid connected Wind and Solar energy projects in Indian provinces - Gujarat, Maharashtra, Madhya Pradesh, Karnataka, Andhra Pradesh, Telangana, Tamil Nadu, Rajasthan and others
- Wind and Solar Resource Measurement
- Micrositing of Wind turbine and Layout optimization
- Grid Connection Study, Planning, All Permits of STU and CTU
- Wind and Solar Energy Generation Analysis with different technologies
- Strategic Support for Land acquisition for wind and solar projects
- EPC of Balance of the Plant-Transmission Lines and Sub-stations



Solar Energy:

- Turkey EPC of Grid connected Solar PV Plants
- Turkey EPC Solar Rooftop Projects
- Solar Street Lights
- Solar Smart Systems

Consulting Services:

- Owner's / Lender's Engineer
- Technical Due Diligence of Technology and (New & Operational) Project
- Technical Consulting service from Start to Commissioning to O&M
- Research on Government Policies and Regulations across the globe
- Analyze Cost Reduction Opportunities in the project by Best Engineering Practices and Equipment
- Global Market Research in Renewable Energy and New Technologies
- Type Certification, MNRE-RLMM Certification, ISO Certification, Power Curve Testing
- Statutory Permits for setting up Wind and Solar projects



Strategic Assignments and Projects:

- Energy Trading: Corporate/Third Party PPA
- RePowering of Wind Energy Projects
- Market Entry in Indian Renewable Energy business by a foreign company
- Advise on Project Sale and Acquisition - Complete Techno-commercial due diligence of wind and solar assets, Valuation of Projects
- Offshore Wind Energy

Asset Management:

- Wind Farm, WTG O&M Services • O&M Electrical BoP systems
- Performance Analysis • Project Performance Improvement Studies
- Staffing Engineers and Technicians at Projects • Wind Mast Installation and Maintenance



Research, Consulting and Projects in New Technologies

- Smart Energy Technologies • Energy Storage • Electric Vehicles
- IT, ITES and Digital Marketing • Infrastructure for Smart Cities



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