

EXPERIENCE PROFILE OF WISE (Major Assignments Only)

Sr.No.	Name of Project/Assignment	Client/Funding Agency	Status
I	CENTRE FOR WIND POWER (CWP)		
1	Re-powering of Old Wind Power Projects in India	MNRE, Gol	Completed
2	Small Wind Turbines in India: Market Study	MNRE, Gol	Completed
3	National Survey on HRD Needs of the Wind Power Sector in India	Suzlon Energy Ltd & Vestas India	Completed
4	Wind Turbine Blade Market in India	L M Wind Ltd, Denmark	Completed
5	Survey of Indian Wind Power Market	Siemens, Germany	Completed
6	Wind power market survey (July 2008)	Ghodawat Energy	Completed
7	India Wind Power Market Survey (May 2009)	Vestas India	Completed
8	Wind Power Market in India 2010-2015: A market survey report	Pioneer Wincon Pvt Ltd	Completed
9	Concept-to-commissioning advisory support for 3.7 MW wind power project	WISE's Own Project	Completed
10	Wind Power in India: Towards 5000 MW Annual Market by 2012 (A comprehensive Survey on Market Potential, Industry Growth & Policy Development) (January 2009)	In house project (Supported by IWTMA and InWEA)	Completed (Report Published)
11	Third Party Vetting & Validation of Energy Estimation of 33.0 MW Wind Power Project (April 2009)	Super Wind Power Project Pvt. Ltd, Chennai	Completed
12	Third Party Vetting & Validation of Energy Estimation of 52.2 MW Wind Power Project (April 2009)	Simran Wind Power Project Pvt Ltd., Chennai	Completed
13	Preparation of feasibility cum DPR report for 5-6 MW wind power project	BEML Limited	Completed
14	Feasibility Study for Wind Power Project (including tariff structure and land lease rent etc) in West Bengal	Suzlon Energy Ltd	Completed
15	Preparation of Detailed Project Report (DPR) for installation of 51.25 MW wind power project in Orissa	Suzlon Energy Ltd	Completed
16	Validation report on Market Outlook: Wind Power sector in India & project cost estimates	Powerica Ltd, Mumbai	Completed
17	Preparation of Business Plan for developing 600 MW wind power projects	Anurav Power Private Ltd	Completed
18	Concept-to-Commissioning Support for Wind Power Projects	BEML, Bangalore	On-going
19	Comprehensive RE Master Plan for Tamil Nadu	Shakti Sustainable Energy Foundation, New Delhi	On-going

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II	CENTRE FOR SOLAR ENERGY (CSE)		
20	Research Study on Incentive Structures for Solar Power	MNRE, GoI	Completed
21	Determination of Model Tariff for grid connected solar power projects in India	MNRE, GoI	Completed
22	Preparation of policy map for accelerated solar power development in India	WISE Initiative (Submitted to MNRE)	Completed
23	Evaluation of Solar PV Power System in Ladakh (Durbuk Block)	India-Canada Environment Facility/MNRE	Completed
24	Techno-economic Evaluation of Solar Power Generation Technologies	GVK Power & Infrastructure Ltd	Completed
25	Techno-economic Assessment of Solar Technologies	Suzlon Infrastructure Service Ltd	Completed
26	Detailed project report for 10 MW solar PV farm	Suzlon Infrastructure Service Ltd	Completed
27	Feasibility Studies for 5/10 MW Solar (PV) Power Projects in Rajasthan	PDCORE Limited, Jaipur	Completed
28	Assessment of solar resource and tariff determination of solar energy	Maharashtra Energy Development Agency	Completed
29	Feasibility Studies for Development of 25 MW Solar Thermal Power Plant at NTPC Singrauli & NTPC Rihand	National Thermal Power Corporation	Completed
30	Preparation of Business Plan for 100 MW Solar Power Investment in India	Anurav Power Pvt Ltd	Completed
31	Preparation of Detailed Project Report, Financial Model, Expression of Interest/Tender Document etc, for setting up of 5MW grid connected demonstration solar (PV) power project in Maharashtra	Maharashtra Energy Development Agency (MEDA)	On-going
32	Preparation of Solar Road Map for Tamil Nadu	TEDA (Govt of TN) & CII (Southern Region)	Completed
33	Preparation of Solar Road Map for Karnataka	KREDL, Govt of Karnataka	On-going
34	Preparation of Feasibility Report / DPR for development of 50 MW solar thermal based power project at Morwada in Banaskantha Dist. Gujarat	National Thermal Power Corporation (NTPC)	On-going

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III	CENTRE FOR CLIMATE AND SUSTAINABILITY POLICY (CCSP)		
35	A Road Map for Introduction of Generation Based Incentives (GBI) for Renewables in India	MNRE, GoI	Completed
36	Renewable Energy Vision Document – 2020 for Union Territory of Puducherry	Renewable Energy Agency, Puducherry	Completed
37	Consultancy Support to Total Energy Security Mission of Kerala	Government of Kerala	Completed
38	Study of Renewable Energy-based Microgrids in Indian Villages: Pre-feasibility Study	New Energy Foundation, Japan	Completed
39	'Public Cost of Conventional Electricity Generation in India' – 2 year research study	Indian Wind Turbine Manufacturers' Association	Completed
40	Creating a Carbon Neutral Company	Vestas India	Completed
41	Analysis and critique of Integrated Energy Policy of the Govt of India (policy intervention)	WISE Initiative	Completed
42	Clean Energy Technology Action Plans for Climate Mitigation in three Indian States (Rajasthan, Maharashtra and Karnataka)	UK-Foreign & Communication Office	Completed
43	Renewable Energy Action Plan for Bihar	DFID and Government of Bihar	Completed
44	Comparative Evaluation of Incentives to RE based Grid and off-grid Systems and Evolving Normative Guidelines for Revised Incentives for Off-grid Systems	MNRE, GoI (Under UNDP Sponsored "Access to Clean Energy" Project)	On-going

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IV	CENTRE FOR RENEWABLE REGULATION AND POLICY (CRRP)		
45	Fixation of Intra-state Electricity Trading Margin for Maharashtra	Maharashtra Electricity Regulatory Commission	Completed
46	3-year Comprehensive Consulting Support to MERC for Developing Regulatory Policy for R E in Maharashtra	Maharashtra Electricity Regulatory Commission	Completed
47	Determination of Tariff for R E	Orissa Electricity Regulatory Commission	Completed
48	'Possibilities of Introduction of Renewable Energy Certificate Schemes in India'	Australian Government (APP Project)	Completed
49	Assessment of Solar Resource and Tariff Determination of Solar Energy	Maharashtra Energy Development Agency	Completed
50	MSW to Energy Project Tariff Fixation Consultant before MERC	Solapur Bio-energy Systems Pvt. Ltd	Completed
51	Determination of Annual Revenue Requirement and Tariff for electrical utilities in Orissa	OERC	Completed
52	Assessment of various options for sale of electricity from proposed Wind Power project in TN	Converging World Renewable Energy Ltd, UK	Completed
53	Consultancy Support for presenting the case before MERC for determination of tariff for Waste-to energy project at Pimpri (Pune)	RAMKY Enviro Engineers Ltd Hyderabad	On-going
54	Consultancy Support for determination of tariff for Waste Heat Recovery based Co-generation project in Maharashtra	Lloyds Metal and Engineering Ltd	On-going
55	Achieving 12% green energy in Indian Grid by 2017 (and 15% by 2020)	Climate Works Foundation USA	Completed
56	Consultancy Support for presenting the case before KERC for determination of tariff for Waste-to-Energy Power Project at Bangalore	Organic Recycling Systems Pvt Ltd Mumbai	On-going
57	Determination of RE potential and RE tariff for the Republic of GHANA	World Bank	Short-listed in 1 st phase
58	Establishing Regulatory Framework for Renewable Energy Sources in KOSOVO	World Bank	Short-listed
59	Assessment of Renewable Energy potential in Indian states, RPO trajectory and its impact on Tariff – November 2009/2010	Forum of Regulators	Short-listed
60	Consultant before MERC representing for tariff and purchase obligation for 23 MW Co-gen Power Plant	Hi-Tech Carbon (Aditya Birla Group)	On-going

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V	CENTRE FOR HUMAN RESOURCE DEPARTMENT (CHRD)		
61	Capacity Building of State Nodal Agencies	MNRE, GoI/USAID	Completed
	Training Assignments		
62	Orientation Training of Media Personnel in Renewable Energy undertaken in various parts of India 10 programmes, 400 trainees	WISE Initiative (Funded by MNRE, GoI)	Completed
63	International Training Programme on Wind Farm Designing and Optimisation in association with Garrad Hassan & Partners Ltd, UK 60 professionals	Wind power professionals in India	Completed
64	Training Programme on 'Wind Resource Assessment and Micrositing' (5 days duration) 70 professionals	Vestas RRB India Ltd	Completed
65	National Level Training Programmes for Energy Professionals on 'Regulatory and Policy Framework for Market Development for R E in India' 8 programmes, 450 trainees	US-AID	Completed
66	Organized and Conducted various technical & management training programmes for wind industry professionals	Major wind farm operators, developers, owners, researchers, investors and financial institutions associated with wind power sector	Completed
67	National Level Training Programmes for Energy Professionals on 'Regulatory and Policy Framework for Market Development for R E in India' 12 programmes, 700 trainees	US-AID	On-going
68	3-year Comprehensive Training Contract for Wind Power Professionals 319 professionals	Vestas India	On-going
IV	MAJOR CONFERENCES HELD		
69	Organized 'Wind India 2006' the first-ever National Conference-Cum-Exhibition (August, 2006)	MNRE & Major stakeholders in Indian Wind Industry	Completed
70	Solar India 2007-India's Premier Conference-Cum-Exhibition on Solar Energy, Bangalore	MNRE & major stakeholders in solar industry	Completed
71	Organized 'Wind India 2008' the first-ever International Conference-Cum-Exhibition (November, 2008)	MNRE & Major stakeholders in Indian Wind Industry	Completed
72	Climate Change India 2008: National Conference	Various Agencies	Completed
73	RE Regulation India - Pune - 2010	Various RE stakeholders	Completed
74	Wind Power India 2011. International Conference & Exhibition (April 7-9, 2011) at Chennai.	MNRE & Major stakeholders in Indian Wind Industry	Completed