



Towards a greener earth | für eine grünere Erde

We do **SUZLON** Wind Turbine Services

 **WINDKRÄFT**®
for greener Earth | für eine grünere Erde

www.wkes.in
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ABOUT US

25+ Years of experience and expertise in Wind Energy Business

Rich Knowledge, State-of-the-Art Technology background, Adequate Infrastructures,

Asset management, Strong Supply chain, Turnkey project solutions and having talented Human pools.

Result oriented – Implementing with Versatility in Tools and Modern equipment's for better results and delivery on time.

Head Office Situated in Asia's largest Windfarm – Muppandal, Kanyakumari District, TamilNadu and having Branch Offices in Tenkasi and Coimbatore

VISION

To promote green energy as the major source of power in every developing countries

MISSION

To provide the best value to the customers

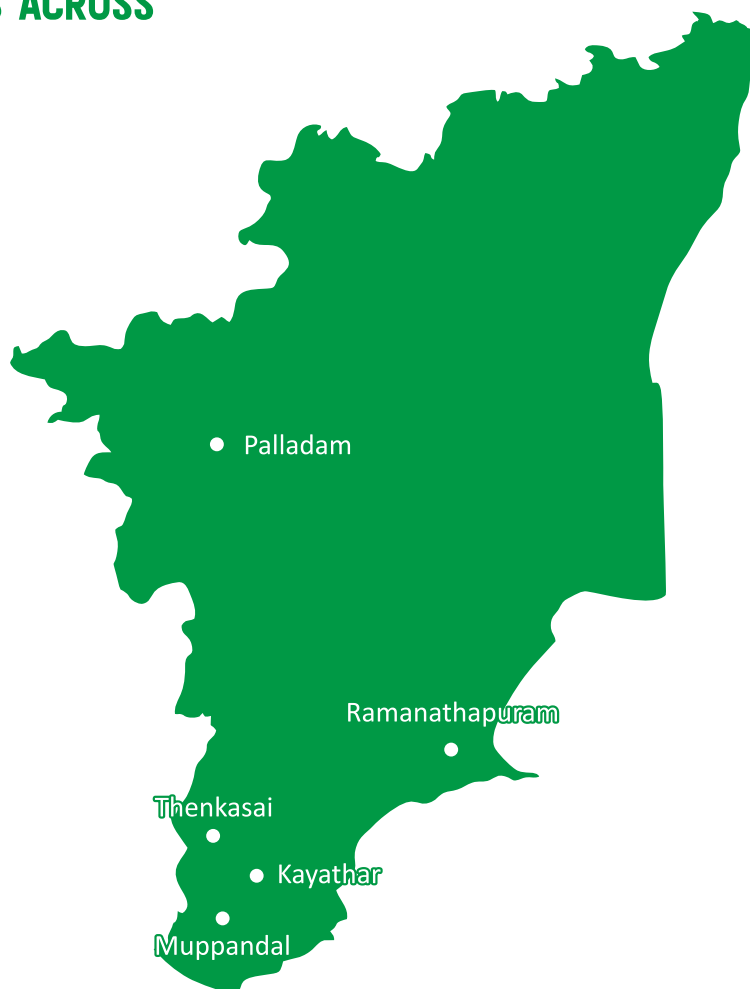
To provide the best returns to the investors

To be the best company to work with

To be the role model company in green energy



FOOTPRINTS ACROSS TAMILNADU



WHY CHOOSE WINDKRAFT?

Expertise in Wind Energy Business
Rich Knowledge, State-of-the-Art Technology background,
Adequate Infrastructures, Asset management,
Strong Supply chain, Turnkey project solutions and
having talented Human pools.
Being Agile, Consistent efforts on Efficiency improvement
programme and focused on ROI to the Investors,
share and stake holders.
Customer Service: Overwhelming Customer responses
for the Excellent Operation Maintenance and Services.
Our work speaks for itself, what we deliver.
The Culture: Top-down approach on Risk management,
Great Place to work with, Good ethical and
100 % Compliances.
GWO Certified Engineers
Successful partnership with many international players
On par with International Standards and Quality adherences.

OUR OTHER BUSINESS VERTICALS

- Micrositing and Feasibility studies
- New Power Projects with imported direct drive WEGs
- Repowering projects with imported direct drive WEGs
- Spares and consumables supply
- Govt liasons in renewable energy

24/7 OPERATIONS & MAINTENANCE

PREVENTIVE MAINTENANCE

Preventive Maintenance is being implemented during lean wind season and completions of Pre and Post Monsoon. This supports our Client for Energy based Availability.

TIME BASED MAINTENANCE

Time Based Maintenance is being implemented like Batteries, Capacitors, Oil and Lubrications Change etc based on OEM recommendations that is done at a regular interval while the equipment is still functioning with the objective of preventing failure or reducing the likelihood of failure.

PREDICTIVE MAINTENANCE

With the advent of Artificial Intelligence and usability of SCADA enables us for doing predictive maintenance for wind turbines.

CORRECTIVE MAINTENANCE

Less equipment outages and low production impact by using SCADA for maintaining reset protocols and keep experts pool round the clock near to the Windmill surroundings with fully equipped.

24 / 7 SCADA

SCADA enables us for real time monitoring from remote locations. Graphic User Interface with higher level supervision helps us for smart decisions and better planning for forecasting and predictions to improve the efficiencies further.

STATE OF ART TECHNOLOGIES

CCTV Installations for full time surveillance of the plant
LIDAR measurements for forecasting and wind resource mapping
Thermograph measurements for power circuits
Non-Destructive Test by using UT, Infra-Red alignment, Endoscopy and SPM devices for Stationary and rotary Components
In-Situ repairs by using UAV, Skylift and Sky climb to access rotor blades and Tower components.
Unmanned Aerial Vehicles for rotor blade cleaning, Surveillance and transmission line Inspections etc.
Crane-less fixtures for all major Wind turbine components like Rotor, main bearing, Gearbox, Generator etc.

WARE HOUSE

Strong Supply Chain management, SAP administrates to upkeep Low medium and High value Inventories.

MANAGEMENT INFORMATION SYSTEM

From Daily productions to monthly predictions, Comparisons and Graphical presentations so as to support clients.

LIFT INSTALLATIONS

We gift with free lift Installations, so as to inspect hassle free even at night times.

Quick response to improve productions.





**WE OFFER SERVICES FOR THE BELOW
INTERNATIONAL/DOMESTIC WIND BRANDS**



SUZLON



Vestas



OUR OTHER BUSINESS VERTICALS



Operation Maintenance



IT Solution



Data Analysis



Wind Turbine Projects



Repowering



Social Responsibility



WINDKRÄFT[®]

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For more information about our turbines, services,
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