**ACHIEVING OPTIMUM OPERATIONS OF WIND POWER PLANTS**

This Joint Industry Project will bridge the gap and bring the best together!

Best operation at lowest cost over the life cycle. Capping costs and achieving best balance of capital expenditures and operational expenditures. Determining the optimum operation strategy of the wind power plant. Join now and define the best practice!

**Aim**
Provide best practice for wind power plant operation through a Joint Industry Project (JIP) in order to lower cost of electricity. Collaboration with several stakeholders in Renewable Energy, such as wind plant operators, turbine manufacturers and insurance companies, has evolved into this JIP proposal. The operational configuration and technical management will be addressed in order to define the optimum operational setup. Optimising the performance and thereby reducing downtime will lower cost of electricity during the operational life span of 25 years or more.

**Benefits**
The recommended practice will define the baseline for operators and provide guidance to enhance the power plant performance. A quality mark will enable to benchmark the power plants’ operation in order to compare different operational setups. Developers, operators, service providers, investors, insurance companies, associations and government bodies will exchange ideas and define best practice to achieve cost optimisation.
Project scope
Determine the average way of today’s various power plant operations. Identify the strategy to achieve optimum operations for your individual power plant and also future projects. The planning, implementation and operational phases will be considered together and examined in a detailed manner.

The identification of the power plant operational configuration, plant management and on-site validation are key topics to be elaborated by the partners of this JIP.

Questions to be addressed and discussed are as follows:
- How is the plant control setup?
- How is plant performance managed?
- How effective are the procedures?
- How can learnings be transferred?
- Which optimisations are possible?

Initial contributions from stakeholders have evolved in defining the key subjects in the chart. This will be further developed by a joint collaboration.

Project deliverables
- Project workshops for the partners
- Project reporting for the participants at regular intervals
- Recommended practice for wind power plant operations

TO JOIN AND FOR FURTHER INFORMATION
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