



The final decision of erecting a Wind Farm is of great responsibility. One must be certain that all operational and financial assumptions are accurate, and that all risks are tackled.

MEGAJOULE's experience with all stages of wind farms development and operation and the up-to-date knowledge of the main methodologies, tools and skills gives us a privileged insight over a project's confidence and risks.

MJ can deliver an objective, clear and independent assessment of profits, uncertainties and risks involved for all technical issues of a wind farm project. For topics that are not included in MEGAJOULE's core competencies, the company counts with the collaboration of specialized partners.

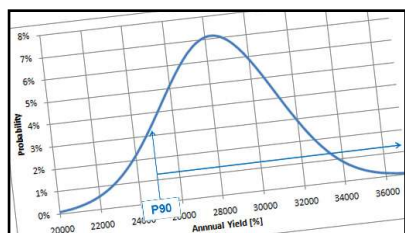
MJ has participated and conducted Due-Diligences for Wind Farm project that amount to more than 500MW.

Project and Technical Assumptions Review

Either you're promoting, buying or financing a Wind Farm, there is a stage where you should review all your plans, engineering, costs and energy and cash flow assumptions.

MJ can deliver a second opinion review of engineering, planning, revenues or future energy yield assumptions. MJ can also analyse future impacts on surroundings and communities, such as noise and visual impacts.

"Bankable" Wind Farm Energy Estimate



Ultimately, the most important assumption for your Wind Farm's financial model is the future net energy yield. A third party independent assessment on this subject is always a crucial part of a Project Finance dossier.

MJ has acted as bank and investor advisor for several Project Finance processes.

Site Assessment



The efficient and safe operation of a Wind Turbine depends on a correct selection of the erection site.

Complex terrain, extreme wind and gusts, dense turbine

array layouts, forestation and obstacles are some of the example of situation that can lead to under performance and hazard.

MJ can perform a complete Site Assessment studying all relevant wind conditions, like ambient and wake turbulence, flow declination, wind shear, extreme winds and wake turbulence. For the more complex sites and forested areas we can deliver a detailed wind flow simulation based on state of the art CFD modelling, identifying risky situation for the wind turbines and proposing alternatives.

Contract Review

Well designed supply or EPC contracts will avoid you unnecessary trouble and risks.

MJ has participated in several tender processes, both on the supplier and on the promoter sides. MJ evaluate or prepare all technical issues related to final contracts. Special attention is given to Operational Tests, Performance Warranties and Provisional and Final Take Over milestones.

Inspection and Supervision of Works



During construction and test period, MJ can provide you a full supervision and inspection service for engineering and construction works, control of costs and delays, supervision

of operational and warranty tests. This way, Final Take Over will be an easy step.

MJ can also perform independent third party Power Curve Measurements or other performance warranties or act as bank, supplier or owner engineer in the analysis of their results.

