



EDF Renewable Services PERFORMANCE AND RELIABILITY ENGINEERING

11 GW
north america

9,575 MW
wind

1,279 MW
solar

6,064
wind turbines

20
turbine manufacturers

1,400
solar inverters

479
technicians and supervisors

30
years in the renewable industry



Facts and Figures EDF Renewable Services as of 06-30-16.

It all starts with data.

The engineers in our Performance and Reliability Engineering (PRE) department ensure the highest levels of plant performance and availability. Our staff includes fleet experts on Vestas, GE, Siemens, Servion, Gamesa, and Mitsubishi turbines.

We have the knowledge and experience to make data work for you.



MONITOR

- Proactively monitor performance and reliability
- Create tools and engineering models to measure key plant performance metrics
- Prepare routine performance and reliability reports
- Quantify monthly curtailment (MWh)



SOLVE

- Use root cause analysis for failures or underperformance
- Identify and quantify causes of lost production
- Develop and manage corrective actions
- Identify components that need inspection/repair
- Support warranty claim negotiations



IMPROVE

- Prepare detailed operational assessment reports
- Identify retrofit and performance enhancement solutions
- Analyze performance of new or emerging technologies
- Optimize powerplant control system

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