

Power Generation



The power generation industry is in a state of transition from past practices to an environment of carbon footprints and intermittent renewable resources. And this change is occurring in a highly regulated and cost-sensitive business climate, where safety and reliability of output are the highest priorities.

Power companies need to:

- Improve asset availability and utilization
- Optimize responsiveness to dynamic market demand
- Integrate generation and operational data for analysis
- Rapidly investigate asset and service data
- Increase the value of existing data infrastructures

Now, advanced analytics applications like Seeq are opening a new world of process and performance optimization that will transform the power generation industry.

Power company engineers need diagnostics, predictions, and self-service analytics. Plant and operations managers and staff need documents, reports, and dashboards. Teams need to share knowledge and collaborate. At the top of the corporate pyramid, executives need data on which to make decisions and take actions that will drive profitability.

Being able to provide each role with the right insight—without help from a data scientist— is now within reach, thanks to modern advanced analytics and Seeq.

Review our resources to help you get started with the key concepts, features, and capabilities of Seeq.

USE CASES

- 1 Power Plant Boiler Efficiency
- 2 Wind Turbine Ramp-Up
- 3 Real-Time Production Potential (RTPP) Calculation
- 4 Power Loading Reduction

↓ DOWNLOADS



Webinar: Optimizing Production in Power Generation



Webinar: Asset Performance Monitoring with Advanced Analytics



Case Study: Wind Farm Operator Investigates Time Series Data to Help Monetize Curtailed Generation



Case Study: Optimizing System Performance for Solar Operators