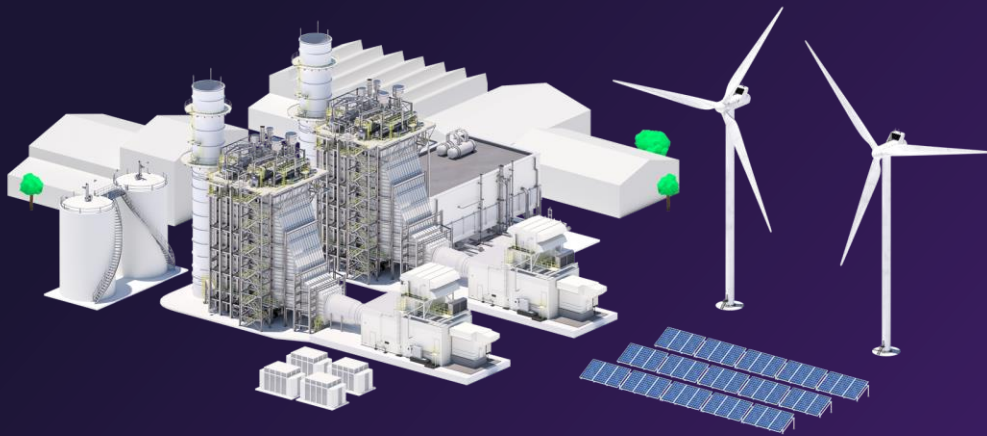
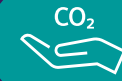


myDispatch

Intelligently optimize your operational dispatch



+0,8 %*



-21 kg
per MWh_{el}

Product Overview

Siemens Energy offers a digital solution to support power producers to optimize the operational dispatch of their plants. Currently, this solution is only available for SGT-800.



Improved Features

- OEM thermodynamic models together with state-of-the-art machine learning models to predict fuel and electricity prices, demand, capacity, and efficiency up to 2 weeks horizon. Those key factors are the input to the dispatch optimization problem to solve
- It can help you to optimize full-load and part-load operational points.
- The solution requires connected equipment and installed performance KPI agents



Benefits

- Operational efficiency improvement
- Reduction in CO₂ emissions and facilitate fuel cost by guiding you to attain optimal dispatch of your entire fleet
- Predict power and steam production schedule up to 2 weeks by forecasting upcoming demand and electricity and gas prices
- Baseload power output based on the weather forecast and actual gas turbine performance
- Evaluate real power plant start-up conditions and accurately plan when to deliver to the grid
- Additional hardware not required



Scope of Work & Implementation

- Ongoing pilot for mid-sized gas turbines
- Relevant experience from other digital services such as Continuous Performance Optimization

