



Dispatcher Snapshot

INCREASE FARM REVENUE

Estimated up to 5% additional revenues based on curtailment avoidance, improved price arbitrage¹

What does it do

The Dispatcher is a supervisory farm-level controller that manages a project's dispatch schedule to achieve a farm-level outcome such as load following. It generates a 24-48 hour look ahead battery charge and discharge schedule, which is used by the plant controller as a reference while being updated every 1-30 min or as conditions change.

- Replaces the fixed scheduled power control with a dynamic one, to optimize plant revenue.
- Connects to external forecasting services, utility SCADA systems and non-GE plant controllers using standard protocols.
- Supports services like energy shifting, energy arbitrage, renewables smoothing, BESS life management, and load following.

Customer value

- Estimated up to 5% additional revenues based on curtailment avoidance, improved price arbitrage¹.
- Improved BESS degradation rate → delayed/avoided augmentation
- Can be adapted to suit changing market operations or constraints.

Key Applications

- Wind/Solar hybrid plants where value of kWh changes with time of day OR plants that have requirements on output profile

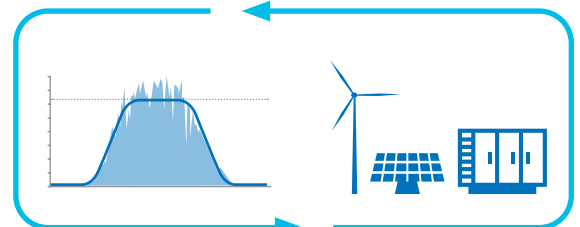
- Collocated assets only

1. Based on solar + BESS, wind + BESS case studies, details can be provided if requested.

How does it do it



Connects to power or price forecasting services and receives instructions from Utility SCADAs



Dispatcher computes optimal charge/discharge schedule to maximize plant revenue and asset life

Adjusts optimization strategy based on real-time asset feedback

Other Related FLEXIQ Solutions

- Architect
- Plant Control
- Monitoring & Diagnostics (MD)

www.ge.com/renewableenergy/hybrid