



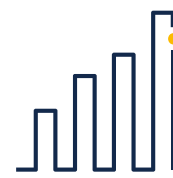
# Fleet Orchestration from GE Digital

Extract more value from assets automating capacity predictions & seamlessly integrating day-ahead planning with real-time operations

Reduce your carbon footprint by spending on what you need, not on excess reserve

Accelerate your energy transition journey without sacrificing reliability with AI/ML enabled probabilistic recommendations for vertically integrated utilities.

## Benefits



Fuel savings



Reduced emissions



Improved reliability

## Fleet Orchestration answers

01 What the demand will be and how much energy each asset can generate in the future

02 Which units should be running

03 How should those outcomes impact your operations

## Features

- **Real time visibility:** know capacity with generation and capacity across the fleet
- **Reduced uncertainty:** with multistage optimization for unit commitment
- **Diagnostic analysis:** know your good and bad actors
- **Integrated system:** one view for ease of use and trust across the organization
- **Automation:** to reduce error and improve productivity



## Case Study

Tampa Electric engaged in a pilot with GE Digital to test the solutions capability to manage their solar fleet and change the mindset of operators and marketers to go from only thinking of reliability to reliability and cost.



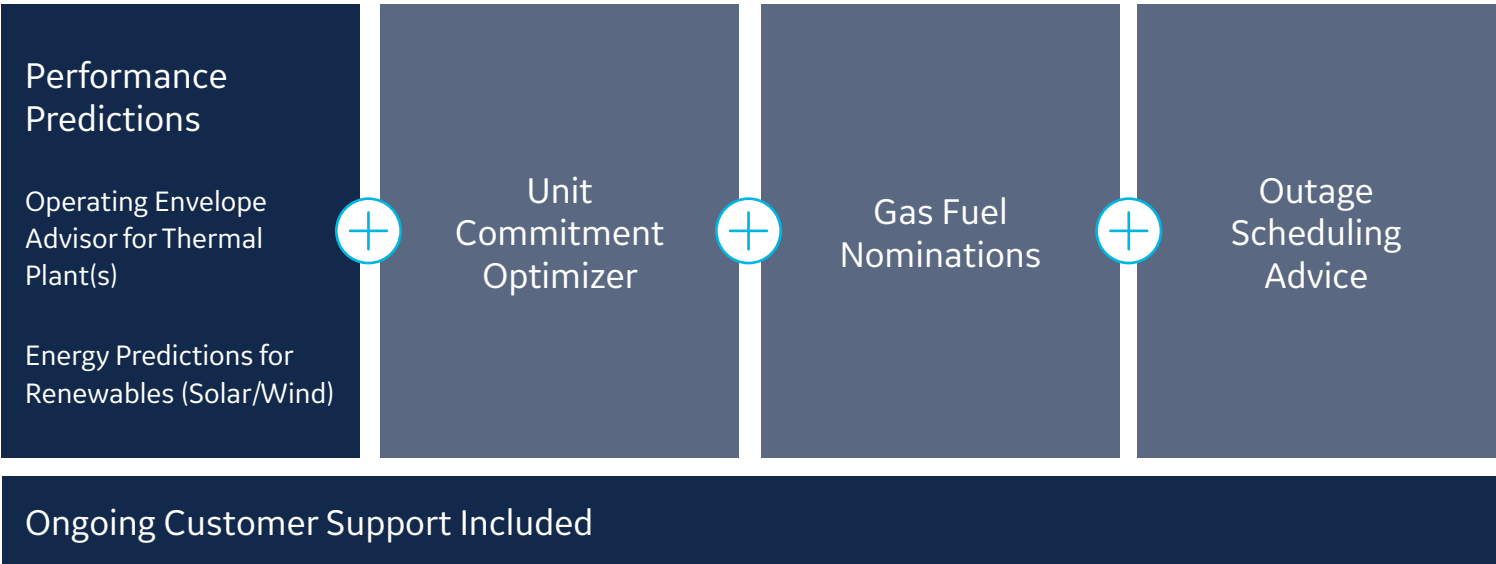
Risk is easy, just need to know how to use it.”

Patrick Shell TECO

WATCH NOW



# Fleet Orchestration Software



**Performance Predictions:**

Automates week-ahead, day-ahead, hour-ahead and 15-min-ahead visibility for each unit, block, plant in the fleet

**Unit Commitment Optimizer:**

Stochastic unit commitment optimizer with recommendations how to best navigate the uncertainty of matching generation and demand

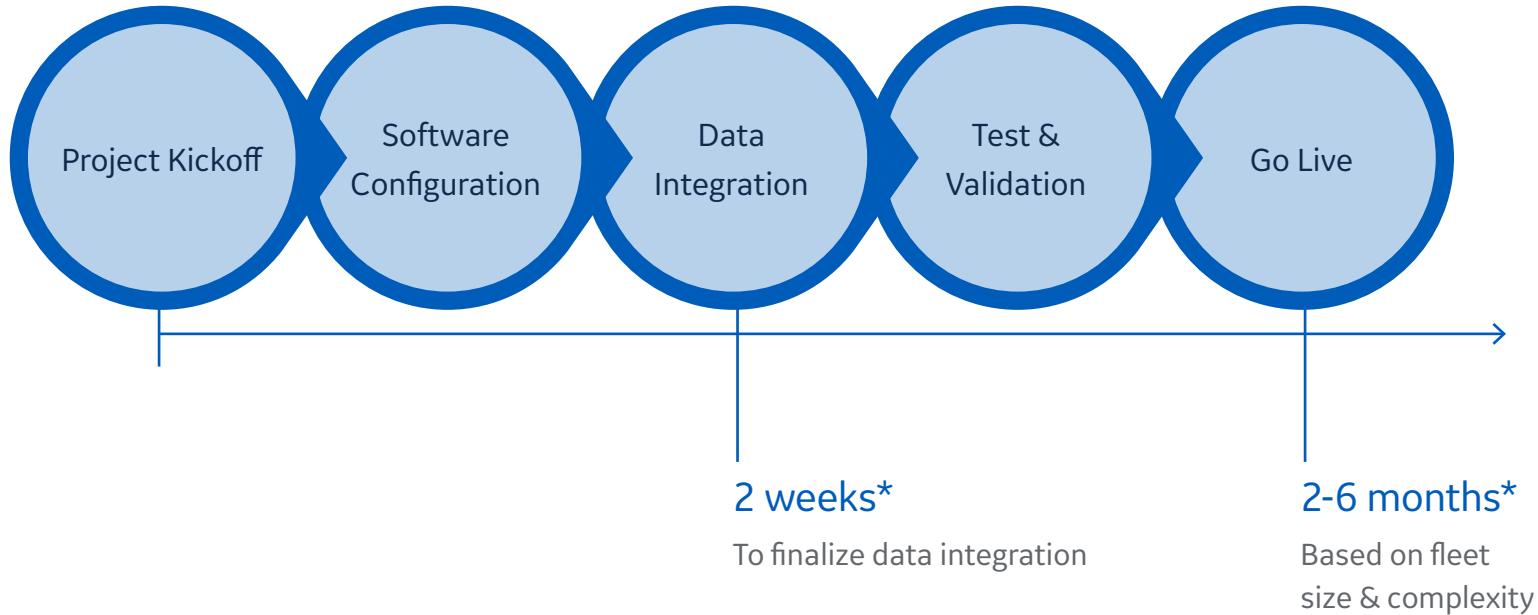
**Fuel Noms:**

Advises the likely fuel required each hour for next several gas days

**Outage Scheduling Advice:**

to understand the impact of op plan on outages

## Deployment from kick off meeting to implementation\*



\*Time to implement may vary based on project scope

# Fleet Orchestration Differentiation

Employs AI/ML technology for fully automated software that:

- Delivers up- to-date insights across multiple workflows
- Enhances accuracy of renewable and thermal generation performance forecasting

Advanced modeling that:

- Trains daily to accurately capture the current state of asset and system
- Produces a predicted maximum output along with user configurable uncertainty bands

**Technical Specifications**

No software prerequisites  
Site operational data needs to be provided by customer

- Already connected to GE
- Customer hosted service for GE to query
- GE hardware or VM on site

