

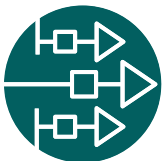


# PlanOS

The comprehensive software platform to confidently plan for a reliable, resilient, and stable energy system.

PlanOS\* provides a holistic approach to planning for your energy system's most pressing challenges. This platform leverages the robust algorithmic capabilities of our decades-proven planning software (MAPS, MARS, and PSLF) and breaks down traditional planning silos. With PlanOS you can analyze the economics, reliability, and power flow of your system, as well as confidently plan for capacity expansion. With the option to augment your modeling with GE Vernova's robustly mapped power system dataset, you can enhance your analysis capabilities and accelerate model development. Your unified dataset model will seamlessly flow between native single- or multi-function analysis – enabling truly integrated energy systems planning.

## Integrated Planning Functions



### Steady State Power Flow

Simulates physical behavior of the grid and connected equipment.

**Answers the question:** Does my transmission system “work”—under stressful conditions will it deliver electricity reliably, protect equipment and people, and comply with regulatory requirements?



### Production Cost

Simulate the economic operation of the power system.

**Answers the question:** What is the most economical way to schedule generation to serve demand, given limitations in the transmission system?



### Resource Adequacy

Assesses reliability of supply to serve customers.

**Answers the question:** Have I built enough generation, storage, and transmission so that I have enough capacity to reliably provide electricity when it is demanded?



### Stochastic Capacity Expansion

Helps users develop a plan for building new generation

**Answers the question:** Knowing what generation we have today, and with estimates of future costs, demand, and regulations, what is the lowest cost reliable and compliant plan for new generation?

**For more information, contact:**  
[www.gevernova.com/consulting/PlanOS](http://www.gevernova.com/consulting/PlanOS)