



Optimizing the Energy Transition

A fireside chat with Gurobi and enccord

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GUROBI
OPTIMIZATION

Our Speakers



GUROBI
OPTIMIZATION



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Overview

enCOORD overview

Optimization purpose
and challenges

Why Gurobi?

SAInt in other
networks

Optimization VS.
simulation

The future of Gurobi
and enCOORD

SAInt optimization and
simulation models

SAInt Modeling Capabilities

OPTIMIZATION

System Expansion

Capacity Expansion Modeling

Market & Operations

Production Cost Modeling



Intuitive GUI with geographic map integration.



Flexible API for automation and integration into planning processes.



Import functionality from industry-standard dataset formats.



Integration with high-resolution weather data for wind & solar profiles.

PHYSICAL NETWORK SIMULATION

Electricity Transmission

Balanced AC power flow simulation

Electricity Distribution

Unbalanced AC power flow simulation

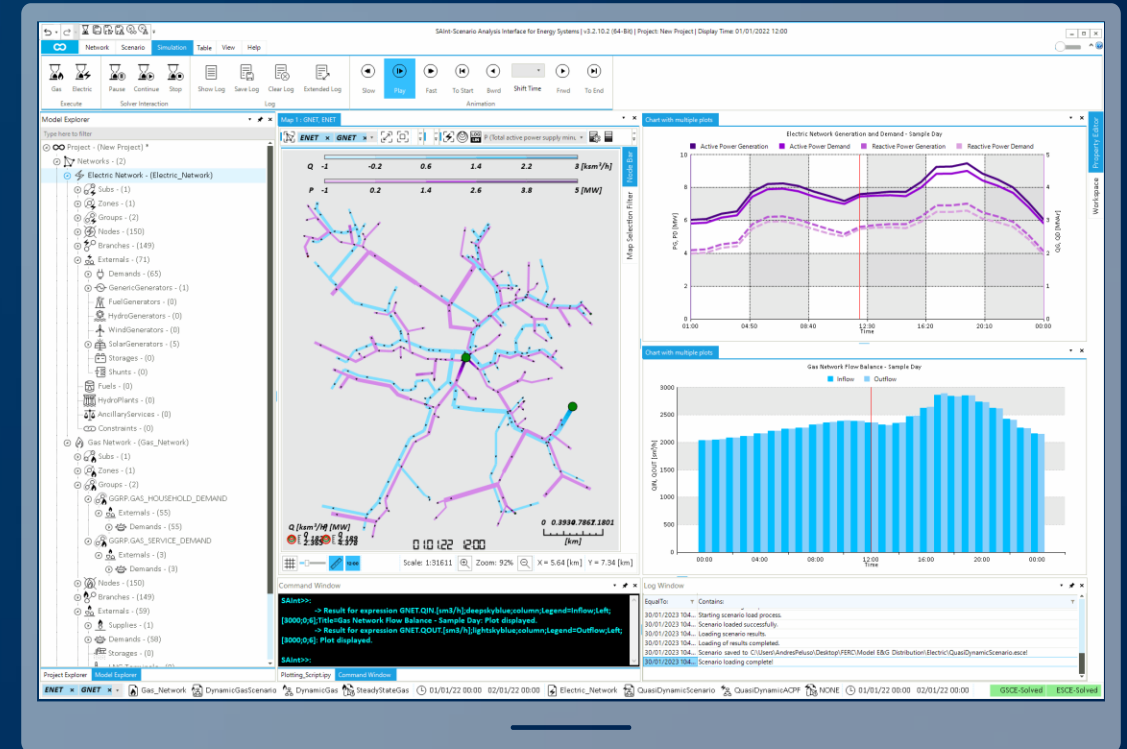
Gas Transmission & Distribution

Steady-state & dynamic hydraulic simulation

Thermal Heating & Cooling

Steady-state thermal-hydraulic simulation

SAInt: an integrated planning software



Q&A



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Learn More



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