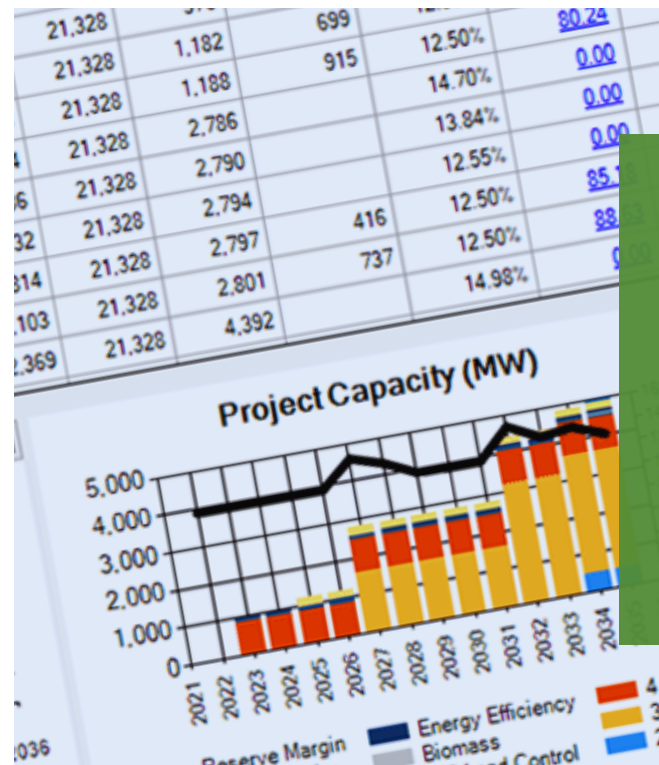# YES ENERGY®

EnCompass™

POWER MARKET SIMULATION SOFTWARE FOR AN EVOLVING MARKET

The energy industry's software of choice for transmission and generation development, portfolio optimization, and capacity expansion, in addition to assessing market dynamics and policy implications.

Produce market price forecasts, identify transmission congestion & constraints, forecast generator operations and renewable curtailment, and make optimal power supply decisions.

Supporting utilities, co-ops, developers, traders, ISOs, regulators, and consultants, EnCompass comprehensively evaluates new technologies for decarbonization, sustainability and reliability.

- Create multiple scenarios using shared datasets, with scenarios grouped into structured folders that make it easy to set capital projects, outage dates, and initial conditions based on prior simulations

- Represent demand response, various battery configurations, hybrid technologies, and hydrogen

- Perform a full optimization of all resources within the Eastern Interconnect, ERCOT, and WECC while enforcing transmission limits & generator parameters

- Simulate individual ISO/RTO regions, Balancing Authorities, or individual portfolios

- Analyze and calculate shift factors and transmission element flows using powerflow analysis capabilities

- Identify new transmission constraints and easily add them to the list of congestion elements

PRODUCT FEATURES

- Model outputs have a higher level of accuracy because they factor in ancillary services in modeling and decision making
- Designed with the analyst and engineer in mind, with intuitive data setup and superior reporting
- Co-optimized energy, capacity, and ancillary services
- Integrated Resource Planning, capacity expansion & portfolio optimization
- Market simulation & Production Cost Modeling (PCM) tools
- Security constrained unit commitment & economic dispatch
- Full nodal representation with integrated powerflow capabilities

ABOUT YES ENERGY®

Yes Energy is how traders, power companies, and asset managers and developers can finally make sense of the complex, rapidly changing power market.

Supported by best-in-industry customer support, you get up-to-date data, comprehensive tools, and a specialized partner to help you make the right decisions every day.

It's time to Win the Day Ahead™ and only Yes Energy brings you the unique combination of better data, better delivery, and better direction you need to do that.

★ ★ ★ ★ ★

"The team knows their product well and the industry knowledge they bring truly makes them a partner. Anytime we have an issue or suggestion, they have either found a solution or implemented a solution in a version release."

- ACES, EnCompass Customer

Say yes to a free demo!

Contact Us

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