



# EnCompass™

## POWER MARKET SIMULATION SOFTWARE FOR AN EVOLVING MARKET

EnCompass™ is a power planning model that helps users produce market price forecasts, identify transmission congestion and constraints, forecast generator operations and renewable curtailment, and make optimal power supply decisions. This makes EnCompass the software of choice for transmission and generation development, portfolio optimization, and capacity expansion, as well as assessing market dynamics and policy implications.

Supporting utilities, co-ops, developers, traders, ISOs, regulators, and consultants, EnCompass comprehensively evaluates new technologies for decarbonization and sustainability while maintaining reliability. This is the only power market simulation software needed for all facets of power planning and forecasting.

### Capabilities

- 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 and generator parameters
- Simulate individual ISO/RTO regions, Balancing Authorities, or individual portfolios
- Analyze and calculate shift factors and transmission element flows using EnCompass powerflow analysis capabilities
- Identify new transmission constraints and easily add them to the list of congestion elements

# DATA INSIGHTS THAT POWER YOUR BUSINESS



## 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, & ancillary services
- Integrated Resource Planning, capacity expansion & portfolio optimization
- Market simulation & Production Cost Modeling (PCM) tools
- Security constrained unit commitment and economic dispatch
- Full nodal representation with integrated powerflow capabilities

## What Customers Say

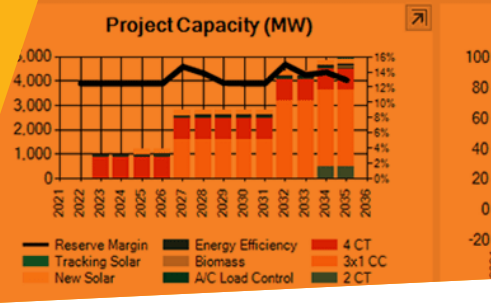
*“The team knows their product well and the industry knowledge they bring truly makes them a partner. Anytime we have an issue or suggestion, they have either found a solution or implemented a solution in a version release.”*

**~ACES, EnCompass Customer**

## 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.

	Net Imported (MW)	Reserve Margin (%)	Price (\$/kWh-yr)	(\$/MWh)
8	869	12.50%	73.06	50.22
969	149	12.50%	76.76	51.62
976	603	12.50%	79.17	54.32
1,182	699	12.50%	79.97	56.60
1,188	915	12.50%	80.24	59.49
2,786		14.70%	0.00	58.73
2,790		13.84%	0.00	61.68
2,794		12.55%	0.00	65.14
2,797	416	12.50%	85.18	69.97
2,801	737	12.50%	88.63	74.15
4,328	4,392	14.98%	0.00	73.53



Say yes to a free demo!

**CONTACT US**

