



## Digital Energy Market

*Integrated, flexible e-business solutions for electricity markets*

# INTEGRATED, FLEXIBLE E-BUSINESS SOLUTIONS FOR ELECTRICITY MARKETS

Listening and understanding your unique issues is a key component in designing and delivering a successful energy market

### APPLICATIONS:

#### Market Clearing Engine:

An advanced optimization engine used to clear the market bids in the day-ahead and real-time markets based on market rules and customer requirements. This application brings the capability to combine financial and physical considerations to the market clearing process. It also features a built-in pricing capability ranging from system price or regional price to nodal price (locational margin pricing, or LMP).

#### Unit Commitment:

A comprehensive security-constrained resource scheduling and commitment program designed for competitive electricity markets.

### CUSTOMER CHALLENGES

- Market Interface infrastructure
- Registration (allow participants to expose asset data to market operator)
- Bidding
- Market Transparency
- Scheduling (energy, outages, ...etc)
- Management of Market evolution



### Market Management Systems

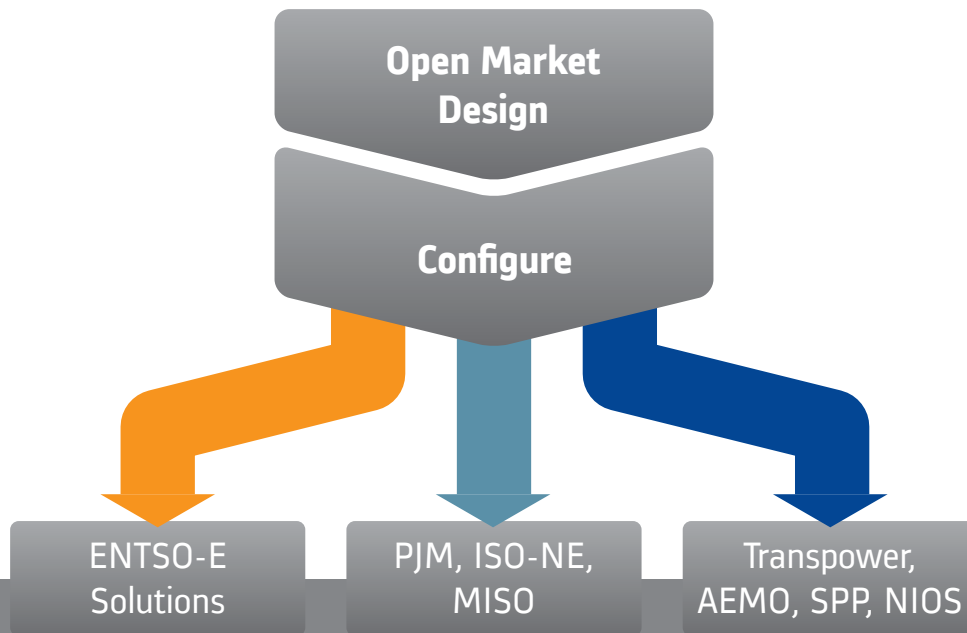
Solutions are used by Regional Transmission Organizations, Independent System Operators, and Transmission System Operators in competitive electricity markets worldwide. It provides the necessary tools for processing transactions, clearing and settlement of competitive bids in a multi-commodity market.

The Market product supports real-time, day-ahead and intra-day markets integrated with power systems operation and represents a low-risk, high-value solution for market and system operators in an evolving, competitive energy market.

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We use an Open Market Design as the basis for the development of market systems. This provides the project team with the capacity to design and deliver a system that meets specific market functionality, e.g. congestion management, transmission rights or market monitoring. Additionally, the Open Market Design includes the “soft collateral”, e.g. training, documentation, business processes, user administration, security, market rules and other vital business elements, associated with the market systems.



### Contact Us

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