

# Storage Participation in the California ISO

## Seminar and Modeling

### Summary

Gridwell Consulting is a Sacramento-based consulting firm that does “all thing California ISO”. This seminar improves companies’ ability to optimally offer storage resources into the California ISO energy markets and predict potential revenue streams. The seminar focuses on the intersection of the market rules, resource characteristics, and bidding behavior in order to enable understanding on how a resource can optimally capture market revenues.

### Storage Market Rules Seminar

The storage market rules seminar is on the California ISO (CAISO) Non-Generator Resource (NGR) model and energy market optimization. The seminar includes necessary information on the market rules, optimization constraints, and optimization limitations that must be considered when bidding storage into the CAISO energy markets. The seminar includes:

- Overview of the three potential ways storage can offer into the market, and in-depth look at the NGR model
- Recap of CAISO energy market optimization and how storage resource dispatch differs from conventional resource dispatch
- Mock-up of a Resource Data Template (RDT) for a storage resource and walk through how the CAISO uses each of the components particular to storage in their market optimization
- Examples of how the CAISO will dispatch storage under different bidding and LMP real-world scenarios
- Mini-excel dispatch model that simulates day-ahead storage dispatch against LMP
- Q&A Session with the seminar (in-person or call)

*Cost: \$10,000 plus any travel expenses*

### Storage Dispatch Model

Gridwell offers an excel based model that determines a storage resource’s profit maximizing market offer and dispatch given different LMPs and ancillary service prices in the day-ahead and real-time markets. This is intended for both profit prediction and for use by scheduling coordinators.

*Additional details and cost upon request.*

For more information, please contact Carrie Bentley at [cbentley@gridwell.com](mailto:cbentley@gridwell.com) or go to [www.gridwell.com](http://www.gridwell.com)