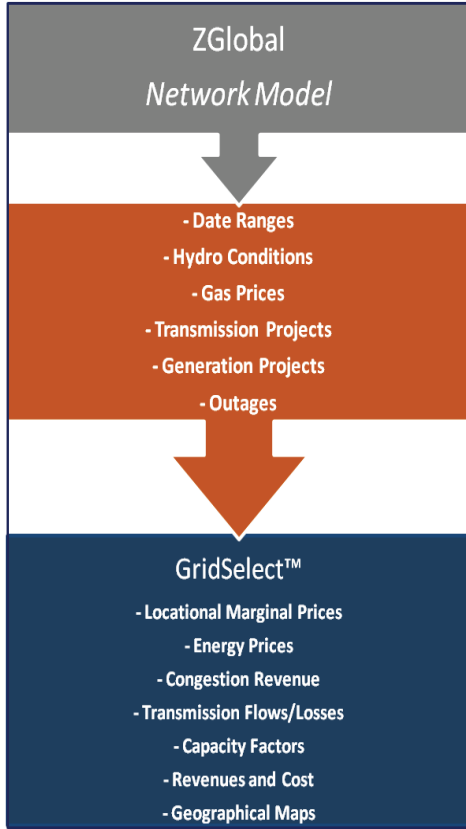


**GridSelect™**



ZGlobal has developed its own transmission network model reflecting the specifics of CAISO MRTU design. ZGlobal utilizes a commercial co-optimization engine that optimizes the energy and ancillary services. For instance, we model the following:

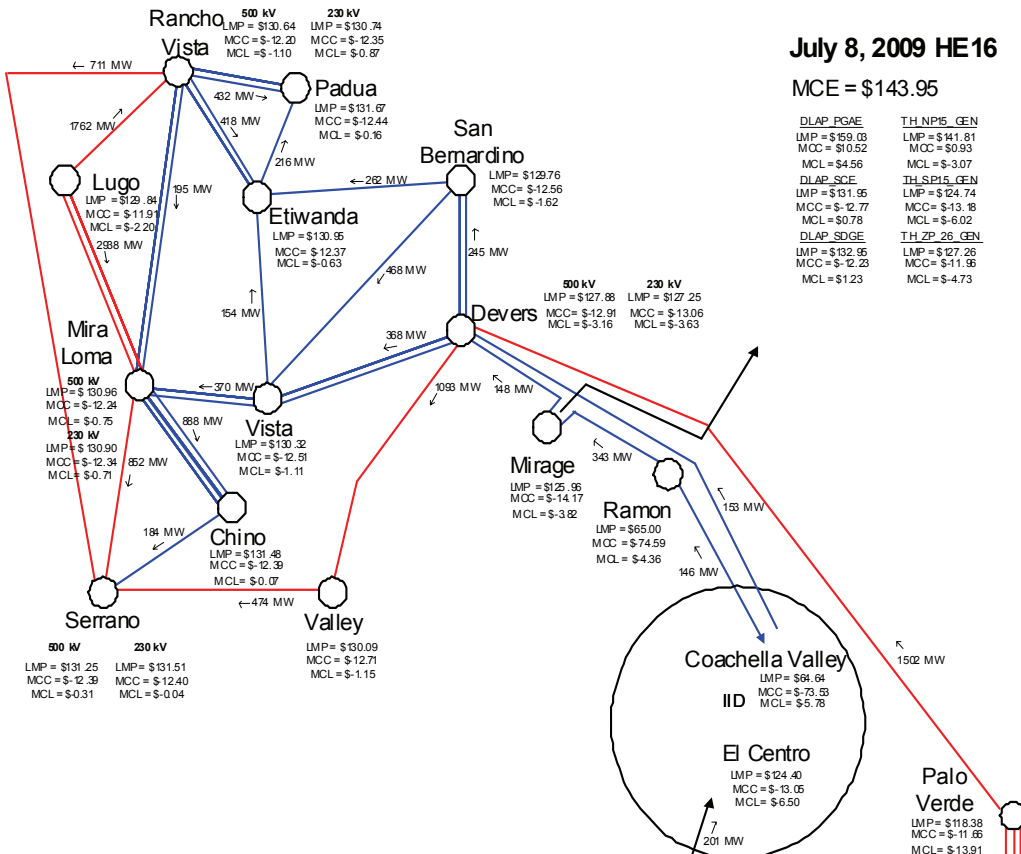
- Over 105 transmission constraints
- Reliability Must Run and Locational constraints

The ZGlobal team utilizes in-house expertise to verify transmission line flows, dispatch of resources, combined cycle, hydro, imports and pump storage operation, renewable capacity dispatch and emission constraints.

**GridSelect™** combines transmission, generation, renewable modeling and market rules to forecast:

- Transmission flows and energy prices
- California generation
- Imports
- Congestion
- Marginal loss costs for various scenarios
- Ancillary Service prices
- Total revenue

**GridSelect™** provides our clients critical data for evaluating their transmission and generation assets and their energy portfolios.



**LMPs for CAISO pricing nodes or aggregate pricing nodes**

- Energy, Congestion & Loss components
- Price Spreads
- Case Comparisons
- Transaction Evaluation

• Comparison to CAISO LMPs

**Assess nodal or hub price distributions for a time period around:**

- Varying hydro conditions
- Load Forecasts
- Gas Prices
- Outage Conditions
- Generation Output
- Transmission Flows

*Data available now for tomorrow and years into the future!*