

California Independent System Operator Corporation

Evolution of Power Markets

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Helping Power Markets Work

Focus on the Long-Term Physical Markets

- Adequate transmission
- Long-term transmission rights
- Long-term power contracts
- Long-term local and system reliability requirements
- Retail markets compatible with wholesale markets

Share Information Among Planning & Balancing Authorities

- Shared network data and models
- Shared long-term contract position data
- Early scheduling with near continuous adjustment opportunities

Simplify Spot Markets

- More self-commitment by generation owners
- Multiple transmission, energy and AS spot markets over both *time* and *geography*
- Single part bidding with near continuous clearing & Immediate settlement
- Retail contracted positions exposed to spot market pricing