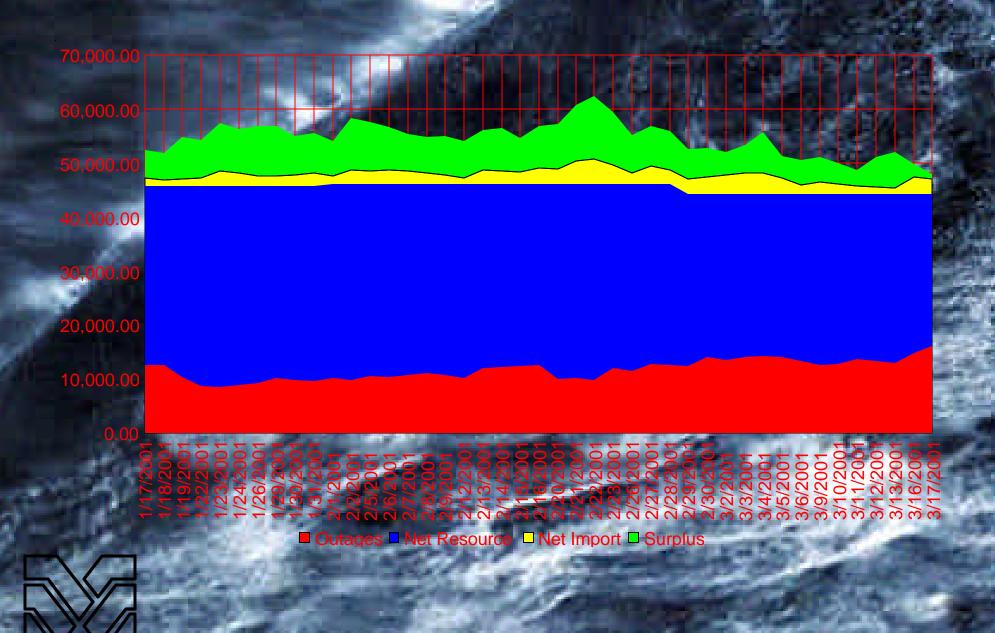
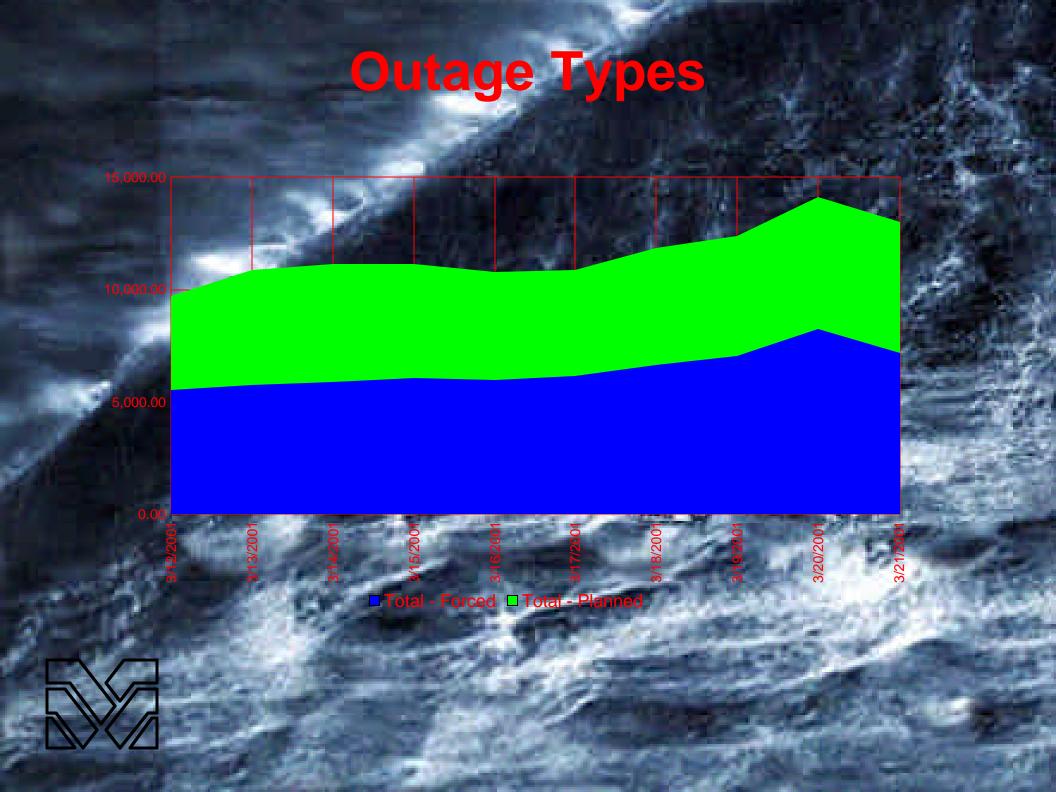
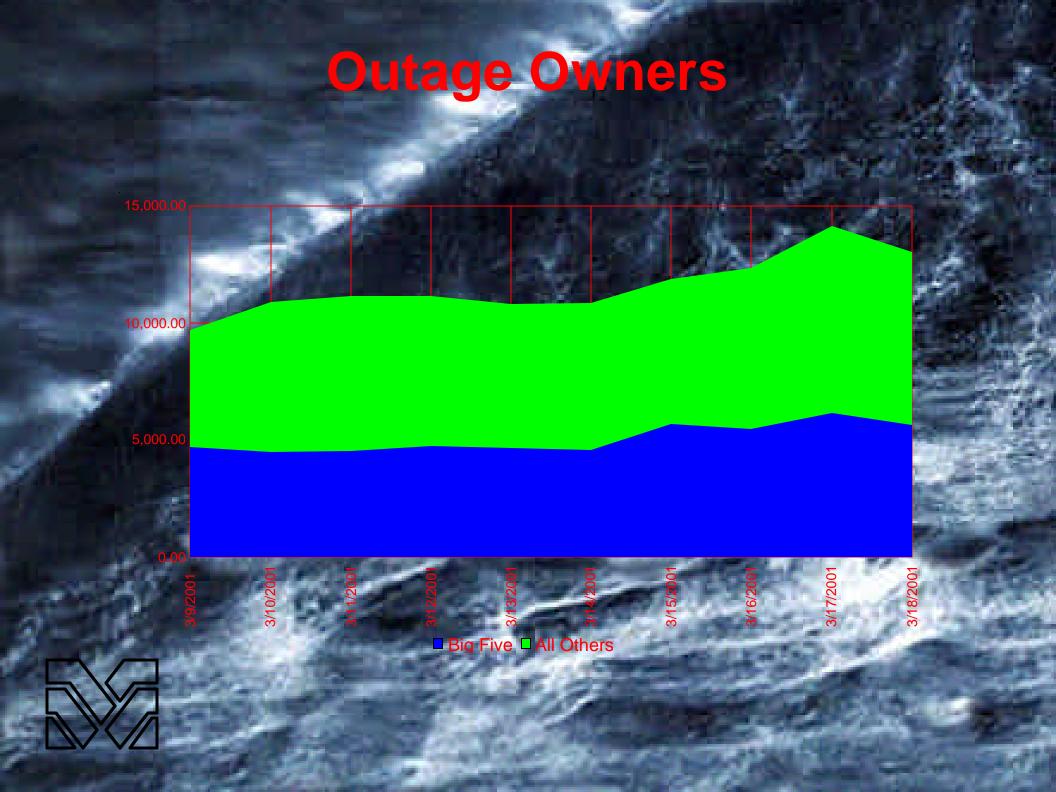


Loads and Resources



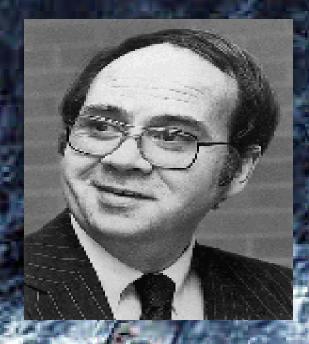




Villian and Victim



Lucius N. Littauer
Professor of Public
Policy and
Administration at the



Emeritus Professor of
Law
University of California
at Davis School of Law





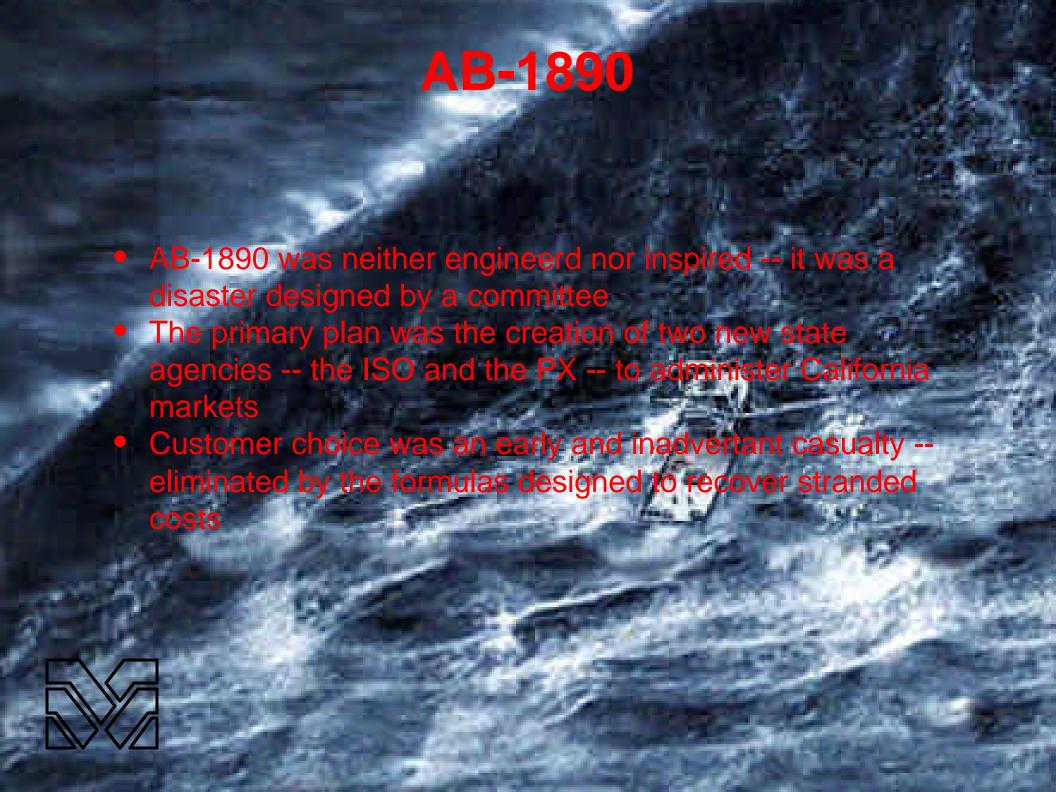
- Professor Hogan believes (to this day) that markets must be guided and managed by government
- Professor Fessler believes (he has been understandably silent since may 22nd) that prices cannot be measured accurately without Professor Hogan's mechanisms
- Their unfortunate common understanding of the world set California down the path to administered markets, mandated secrecy, inefficiency, and ultimately blackouts



The Role of Secrecy

- Secrecy was a central tenet of the California experiment
- The logic was that cost recovery required "transparent" pricing (Dan Fessler), "transparent" pricing required administered markets (Bill Hogan), the absence of competitors required screey of bids and outcomes
- The result was that market manipulation and management failure became obscured by the mantle of competition embracing secrecy
- Simply stated, secrecy in areas of central public policy importance is neither required nor desireable



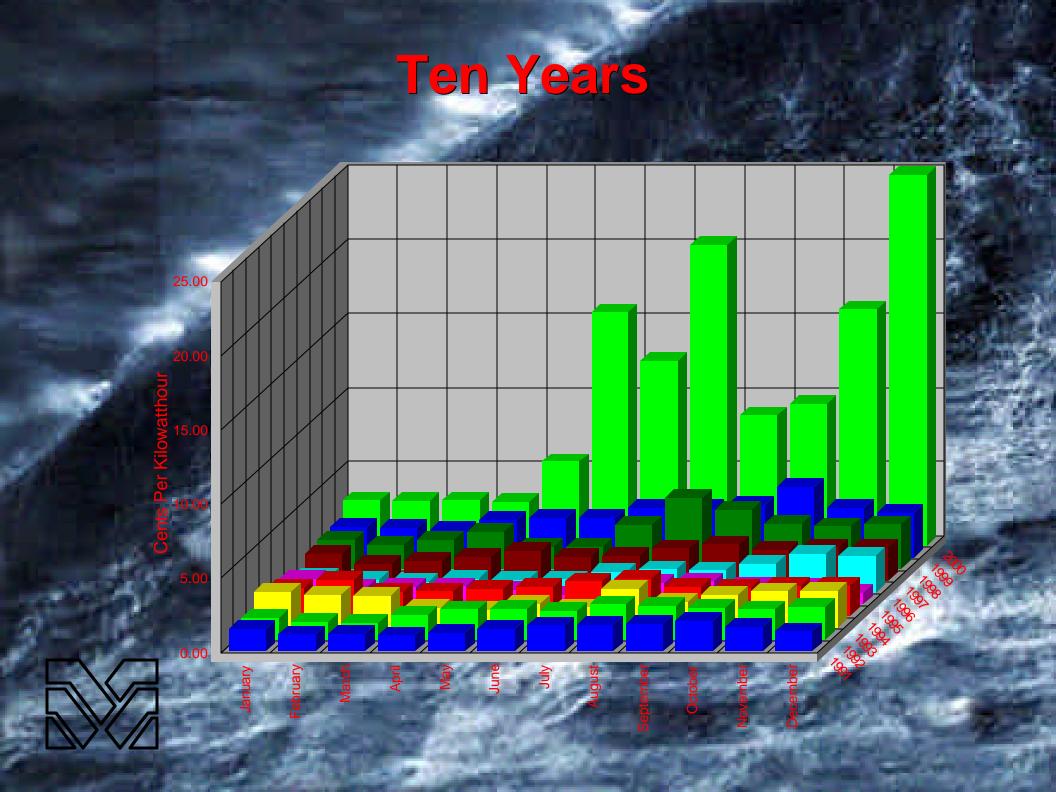


California's System

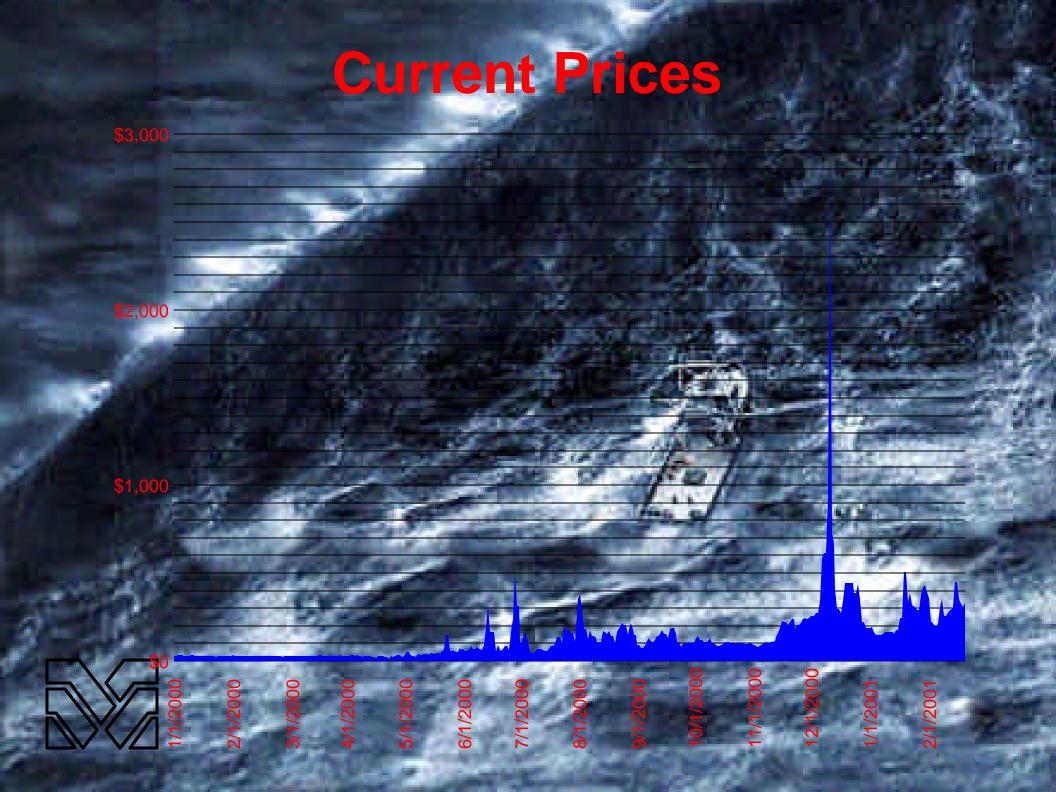


Prices

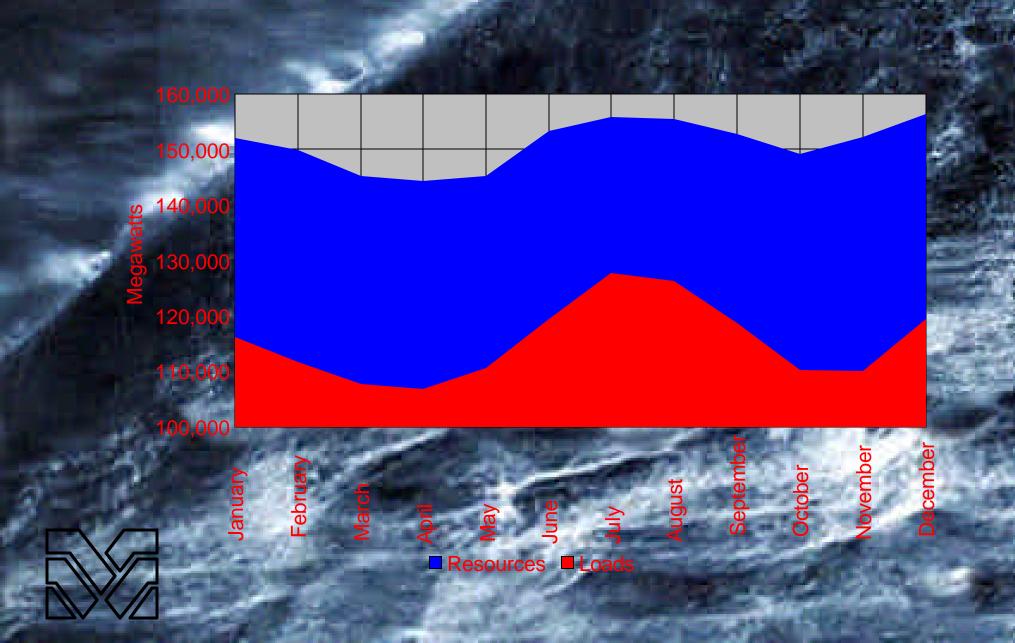




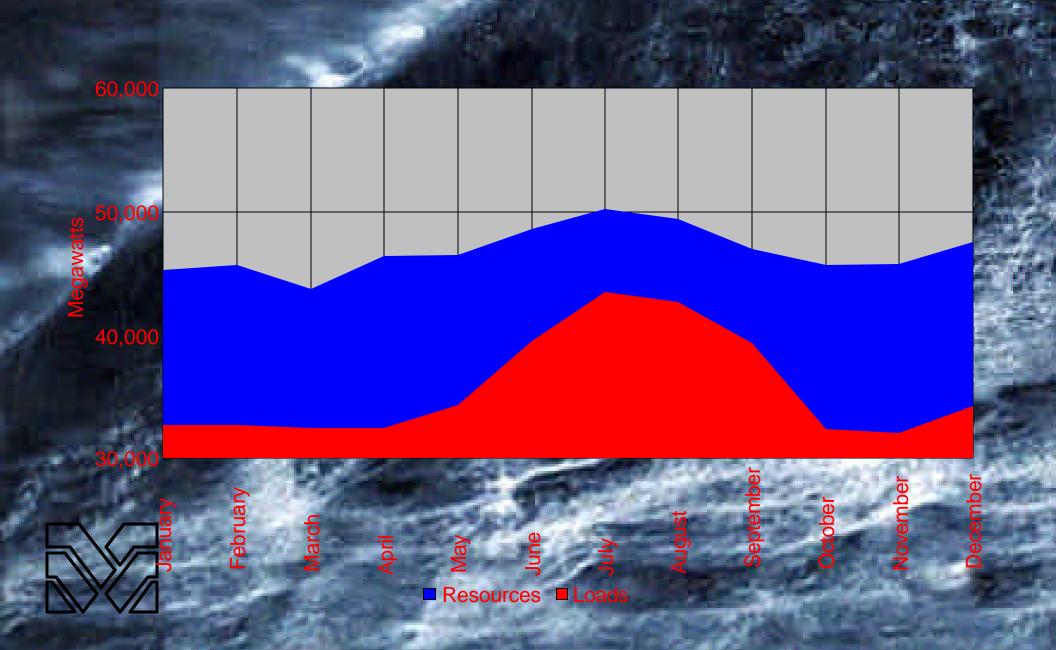


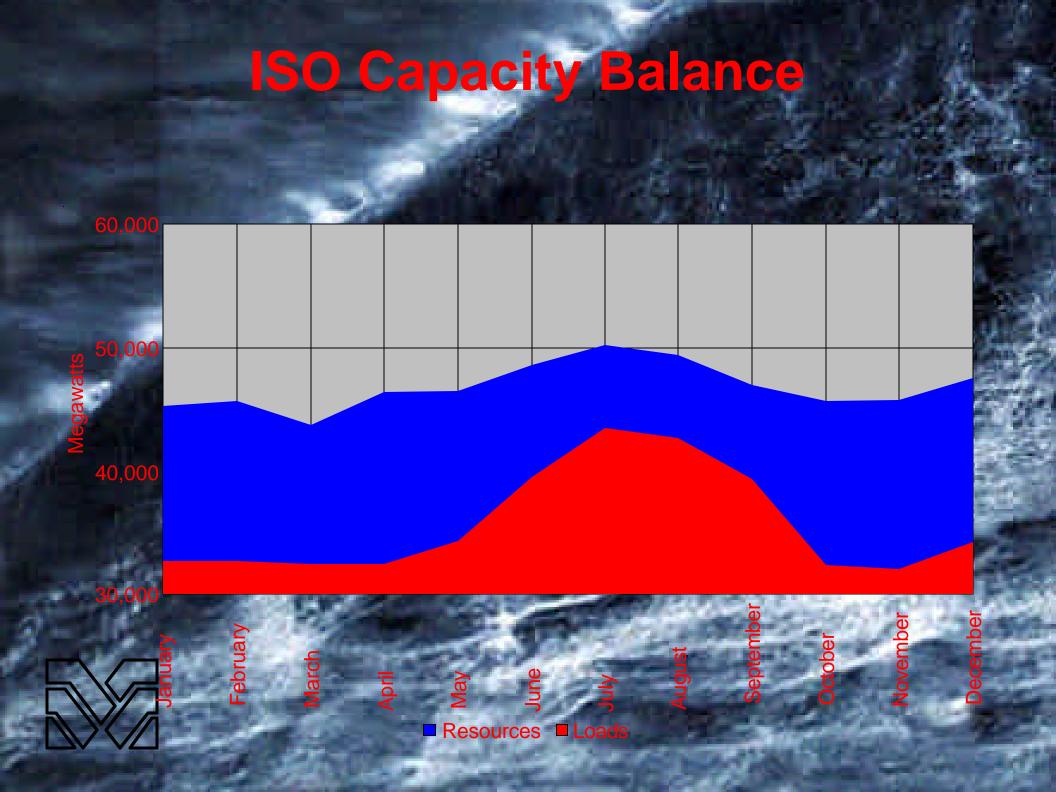


WSCC Capacity Balance

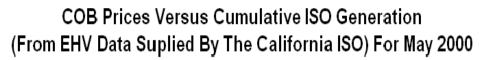


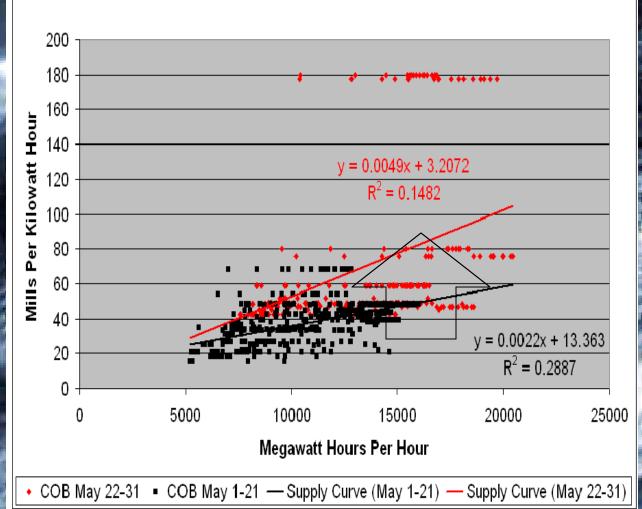
California Capacity Balance





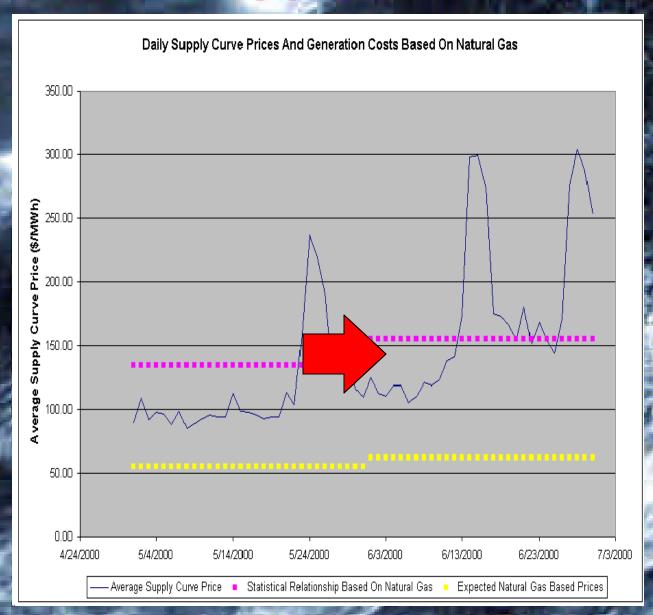
May Shift





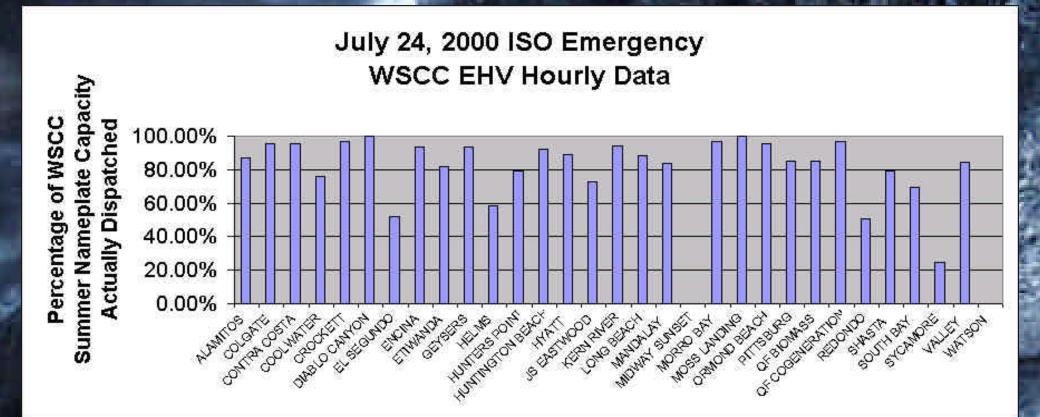


PX Supply Curves

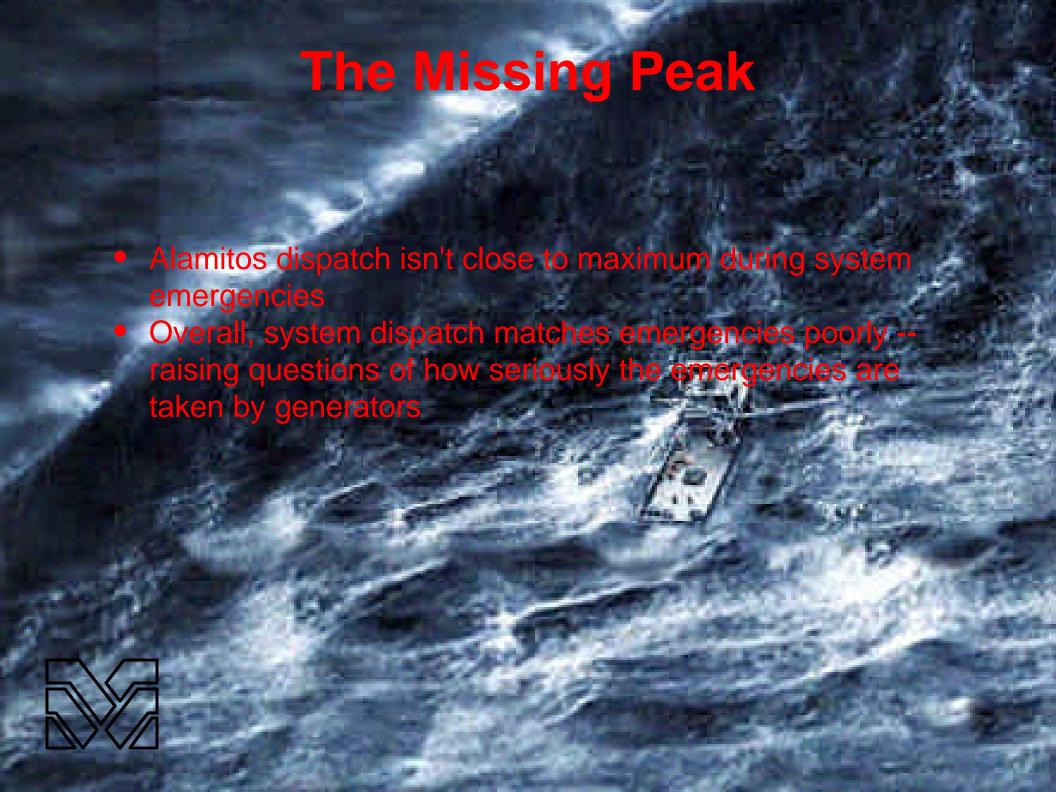




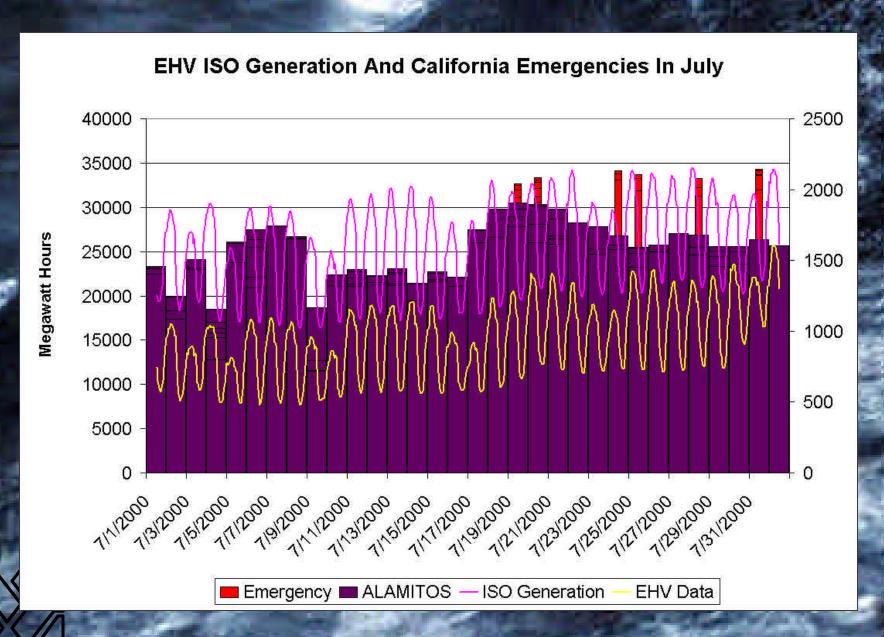
An ISO Emergency





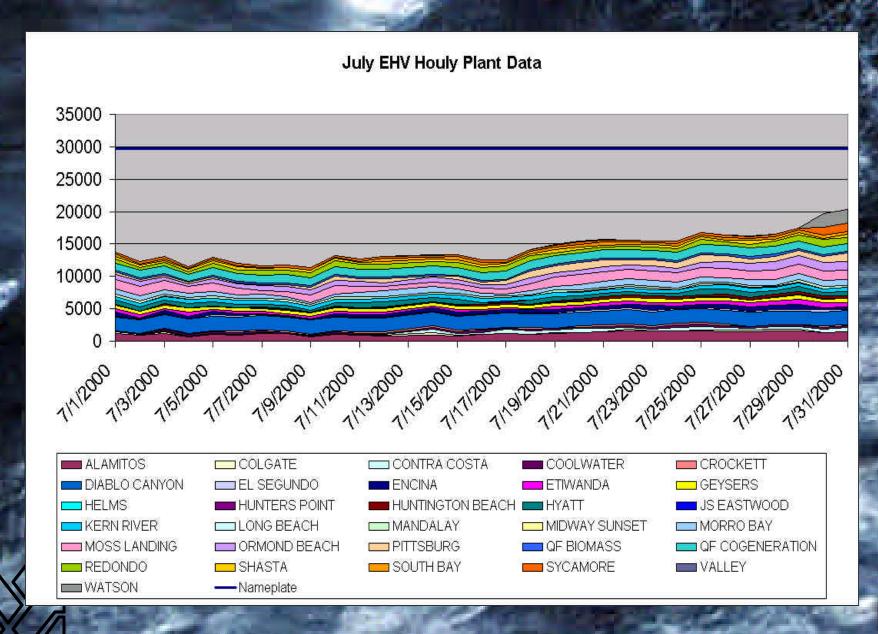


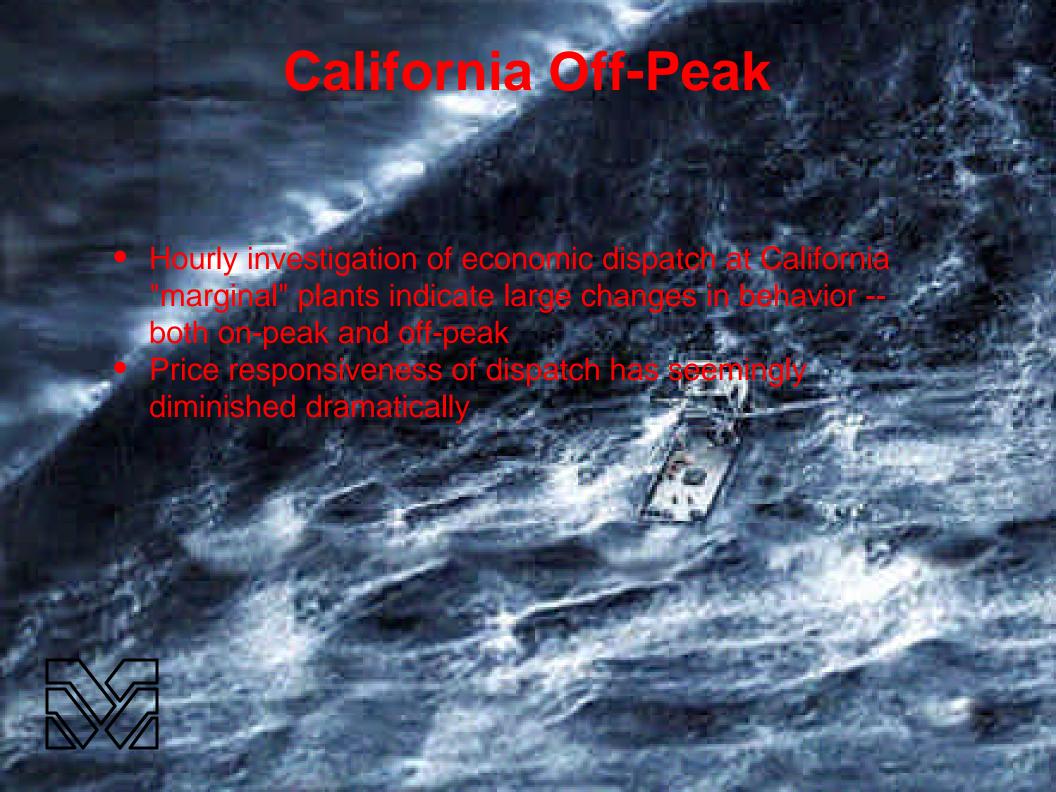
The Missing Peak





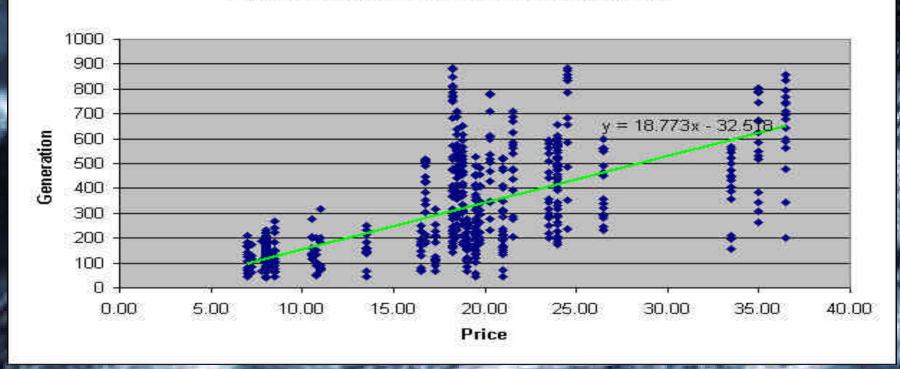
Inefficient Dispatch





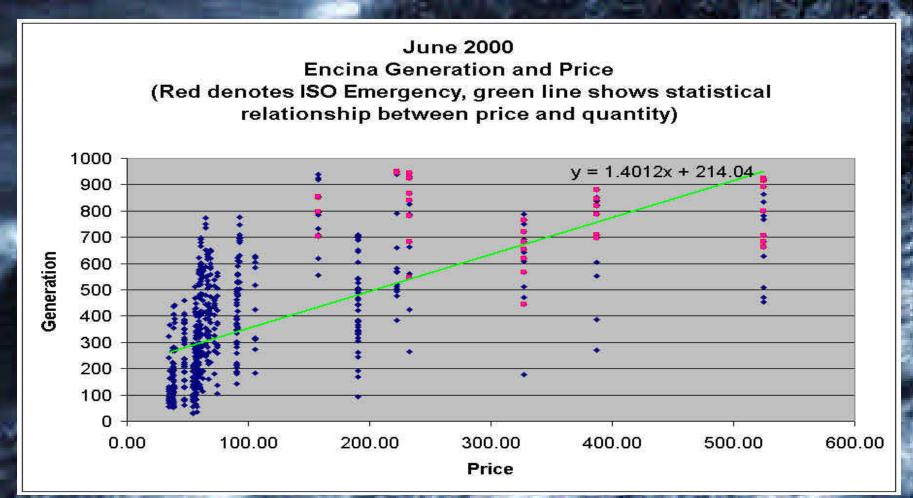
June 1997: Encina Generation and Price

June 1997
Encina Generation and Price
(Red denotes ISO Emergency, green line shows statistical relationship between price and quantity)

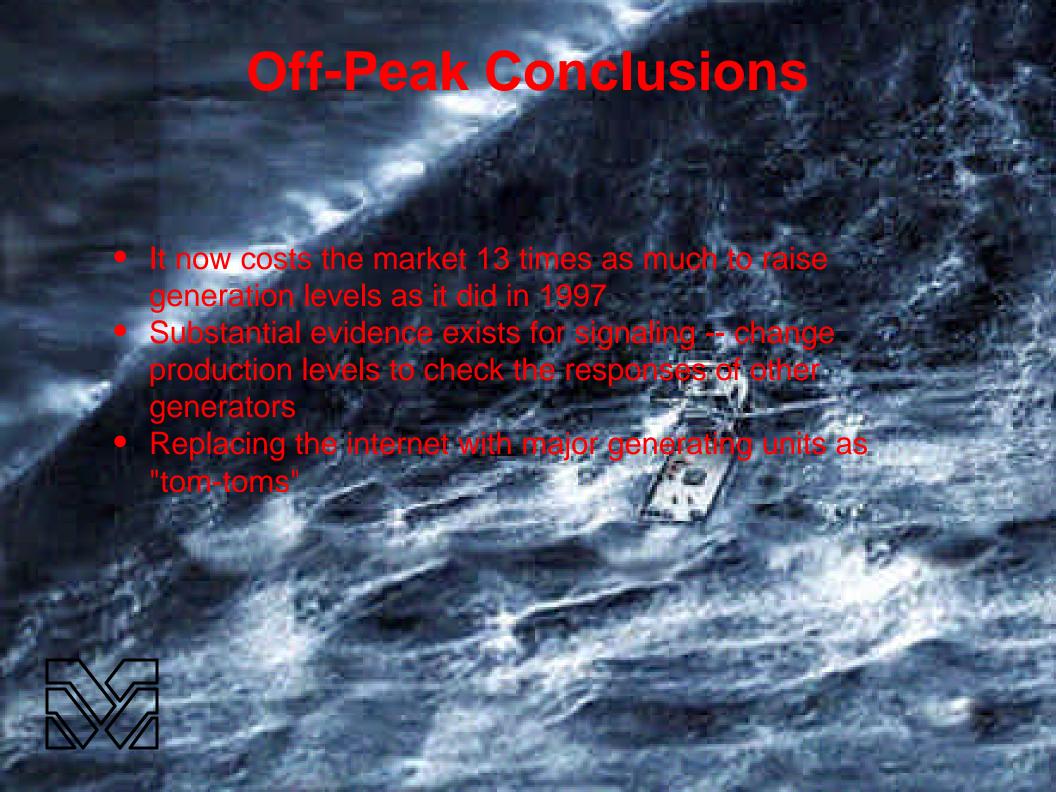


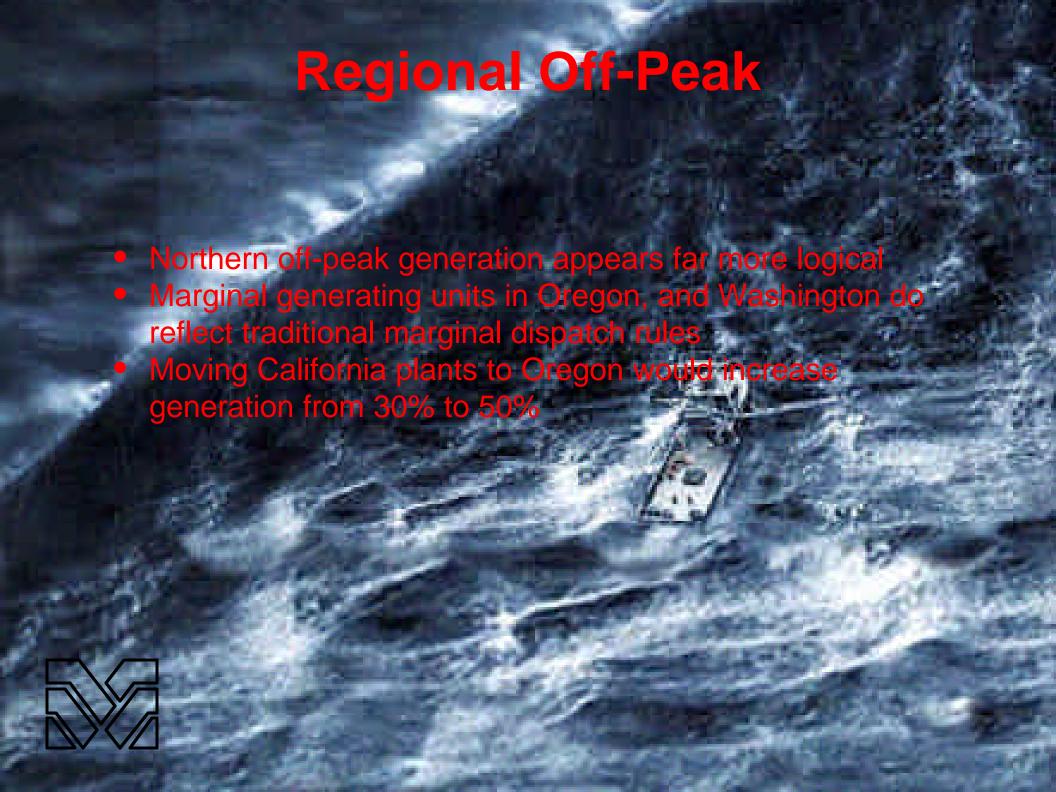


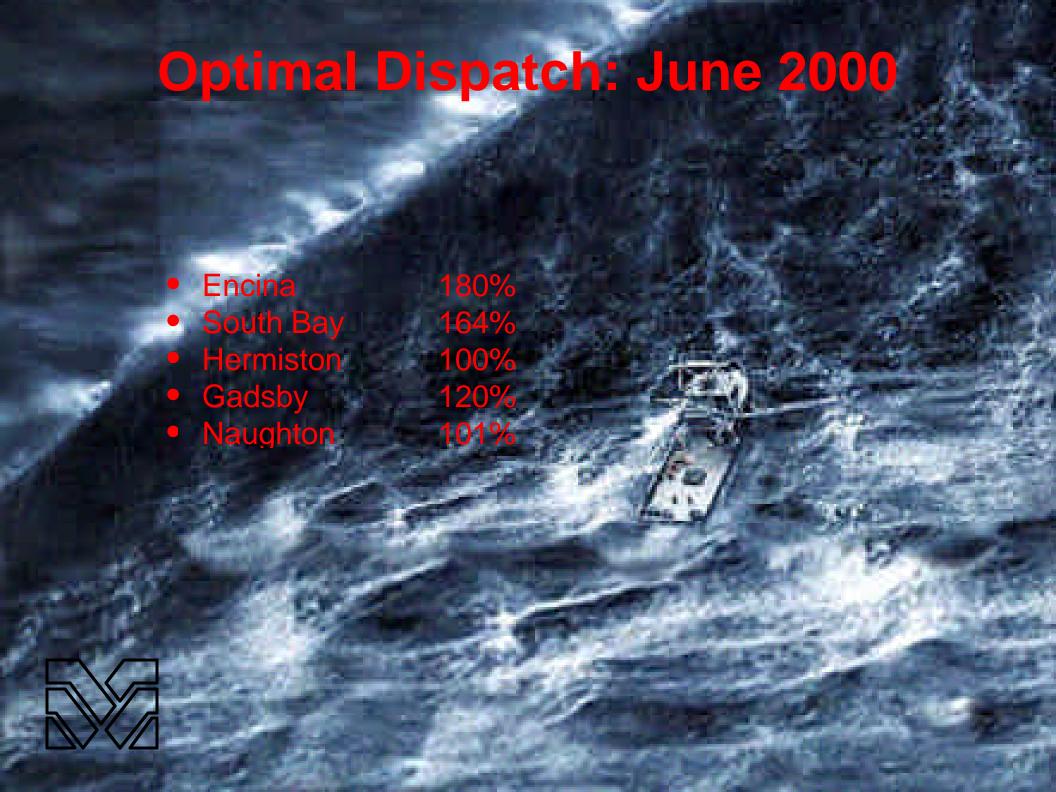
June 2000: Encina Generation and Price

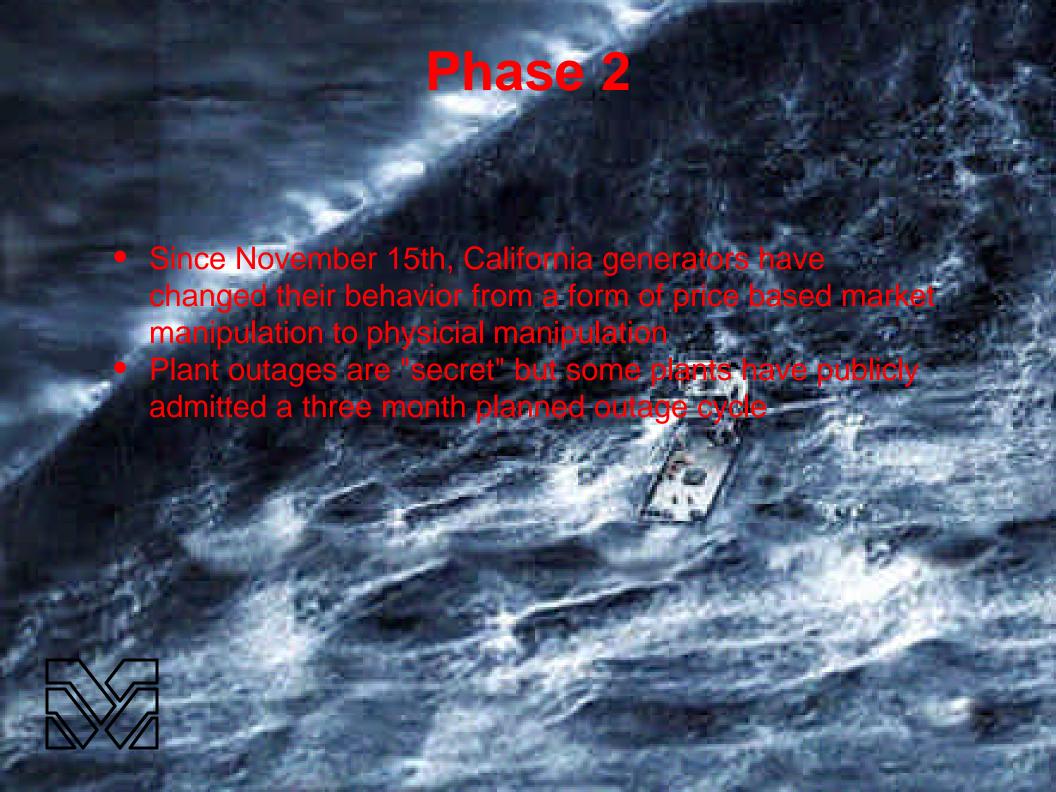


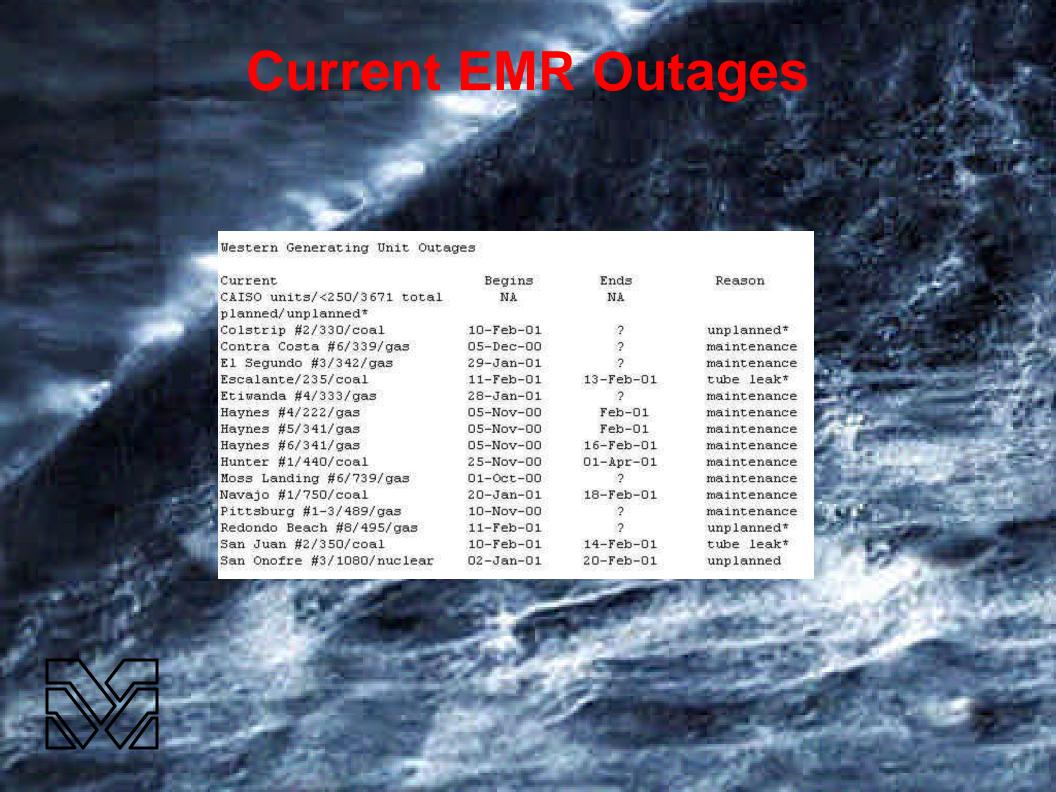








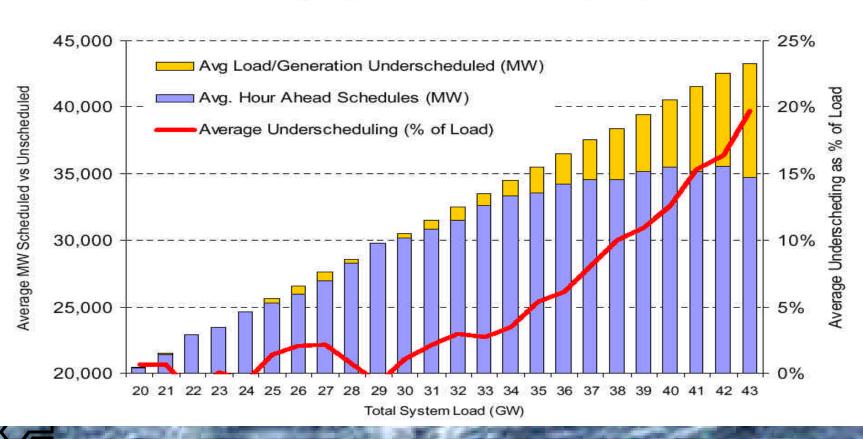






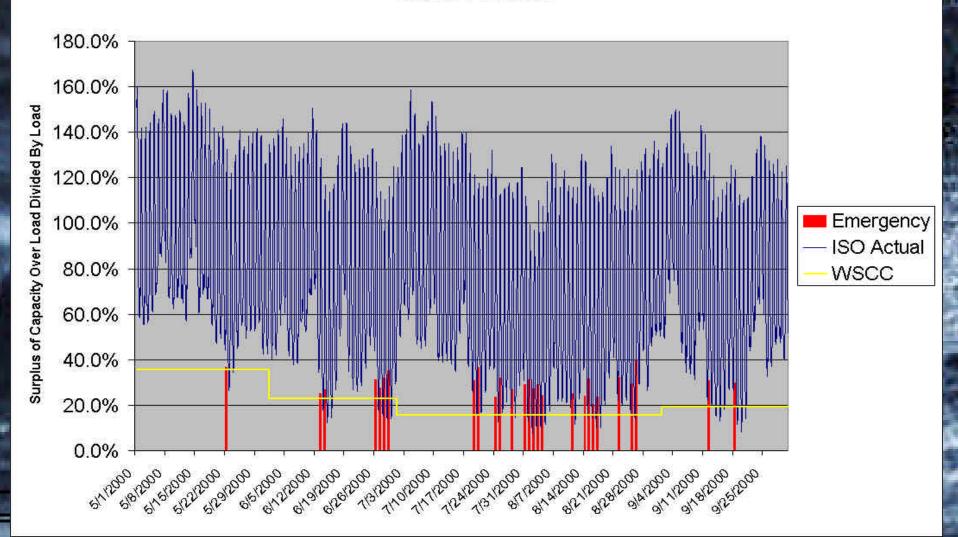
Undergeneration

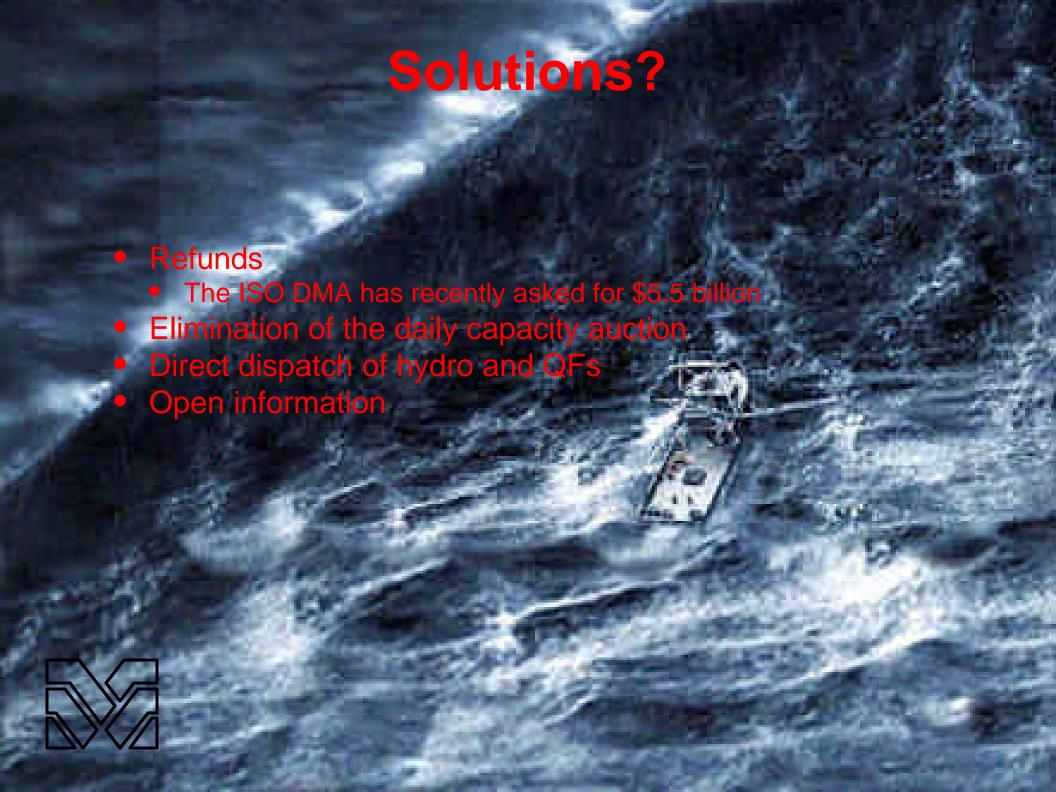
Figure 13. Average Underscheduling of Loads and Generation by System Load Level (June, 2000)

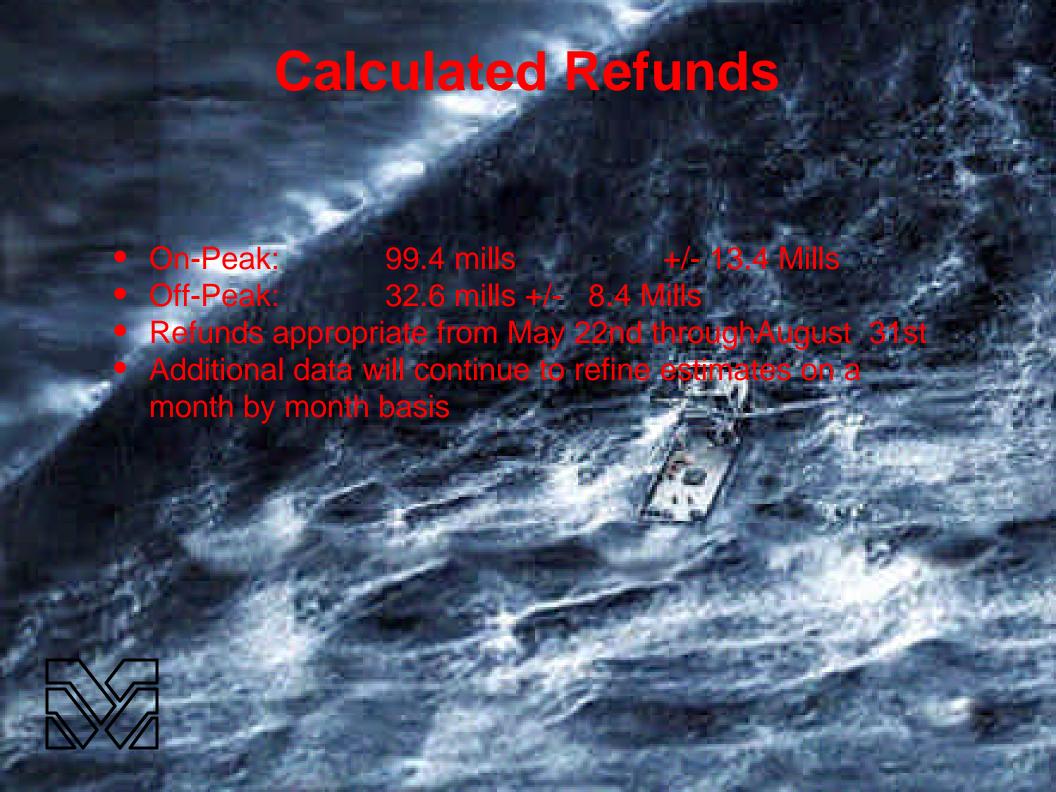


Actual ISO Capacity Margins

Actual ISO Capacity Reserve Margins Compared To WSCC Summer Adequacy Report Forecasts







On-Peak Price Impacts Preliminary Analysis of California Price Impacts 180.00 160.00 140.00 120.00 On-Peak Mills ■ Market Power 100.00 ISO/PX 80.00 ■ Fundamentals 60.00 40.00 20.00

Off-Peak Price Impacts Preliminary Analysis of California Price Impacts 90.00 80.00 70.00 60.00 Off-Peak Mills ■ Market Power 50.00 ISO/PX 40.00 Fundamentals 30.00 20.00 10.00 THE MOLE WAS THE MOLE WAS THE MOLE WAS THE WAS THE WAS THE WOLE WAS THE WAS TH