

Examining The Outlook On Deregulation

Robert McCullough McCullough Research June 26, 2001



Standing Th Outlook

Texas

- What has happened this week? Is There A Middle Ground? Will The Real National Energy F What Happened On May 22nd? nd Up?
- Will We Return To A Bi-lateral Marke Who Is Making These Decisions Any



% to High discounts ---20 <u> 30</u>

∰ ⊕

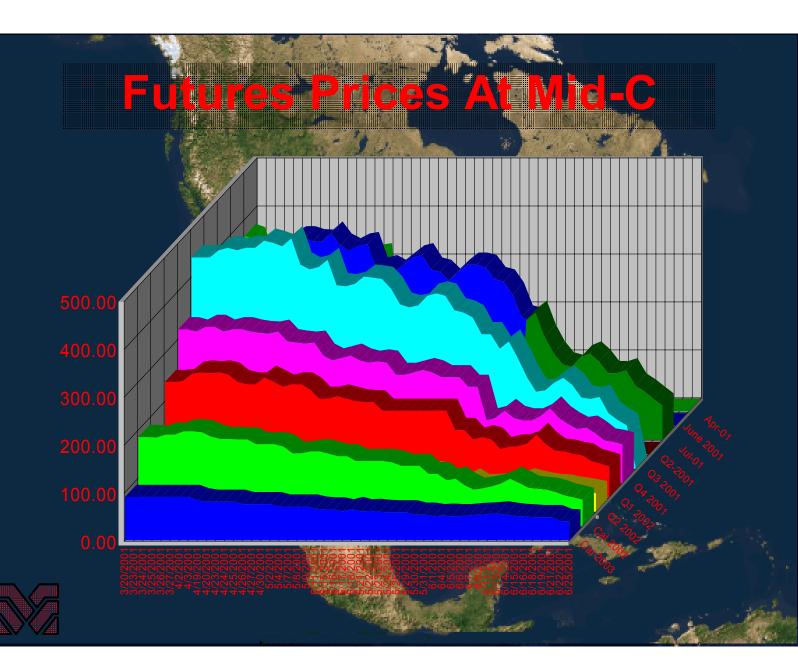
Ercot computer models are still rocky Rules are too complicated -- too much of infrastructure has been copied from Calif



What Haptene KP

- Futures prices continued to
- FERC expanded their regulatory model of the 3.5. WSCC California and the generators are discu refund and an apology the rest
- sing a

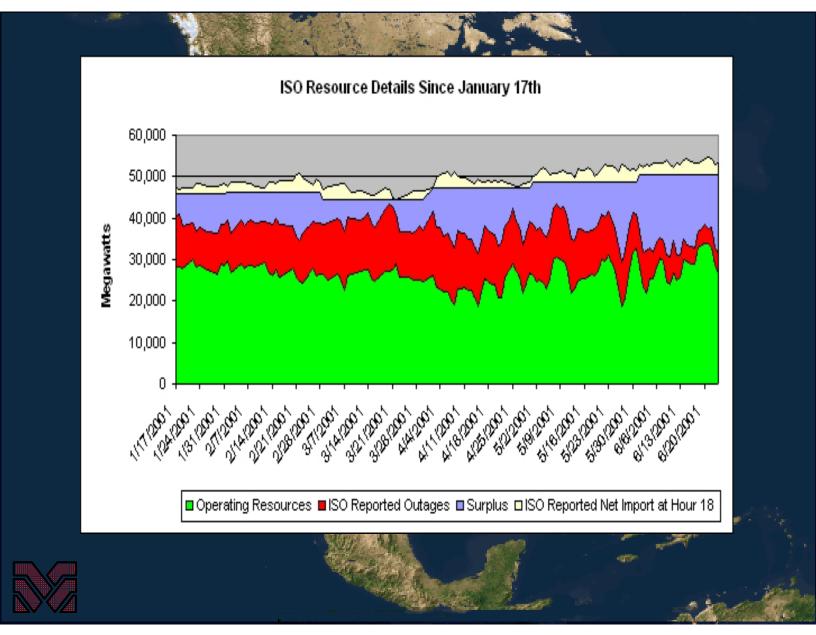


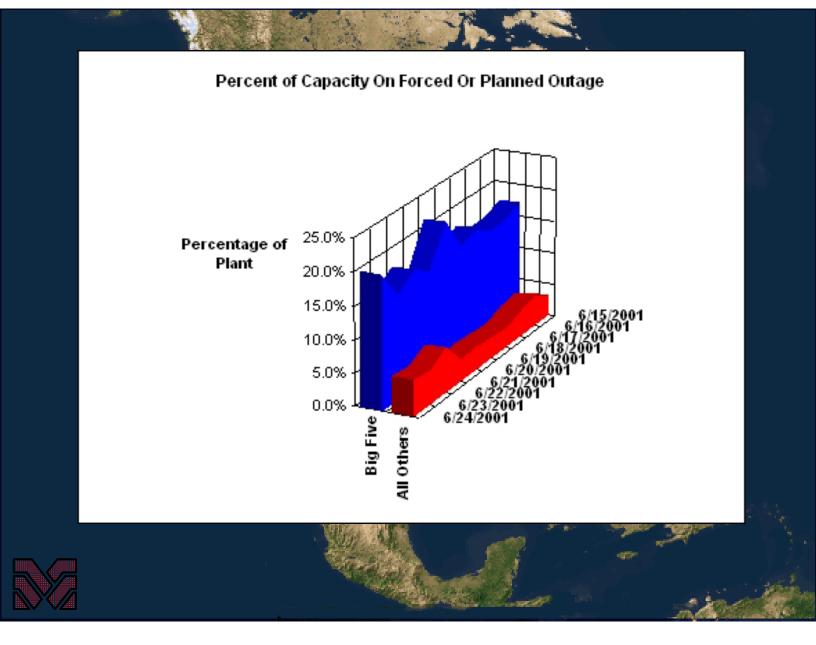


June 20

- FERC has extended its "proxy m
- remainder
- Between Stage 1 Emerga 85% of the previous level <mark>da plis</mark>
- During Cal ISO emergencies, the pric equal to the price cap O&M has shifte
- d to
- NOx costs hav ecen removes from the cap
- s little understanding of the loopholes FERCIstil







Is There A Middle Ground?

• Yes

- The best approach has been recommanded for some time now by Robert Michaels a professor at the University of California
 He recommends dropping "electric" deregulation
- He recommends dropping 'electric' deregulation and following the far simpler, proven, and more successful gas dereg model
- Electricity
- Natural Gas



10 <u>a</u> **₩**

- The Problem In A Nutshi Changing Markets Established Special Inter Legislative Spaghetti

- Legislati



Pédbé

- At the turn of the century Sam Insull invente irusts, utilities, stock manipulatio control, and the Securities and Exchange Commission He wrote the laws, established the Commissions,
- and founded the utilitie
- Ultimately, he implemented a ninety year cost plus structure that left North America with the best (and most costly) electric infrastructure in the world





#

- Carteris 197 <u>)</u> aw rory Practices A Regul into
- bulk power generation Competition quickly reduced generation by a factor of thre The resulting measuring stick traditional regulation look ver
- veny exprens



4 (

- Insull's regulatory sch special i
- None of these would ex California is an extreme
- Hispanic Energy League
 Lesbian Wind Association
 Unfortunately, even mor spawned numerous speat
 the Gray Partners to Grag



Legislative Spachetti

- Each state has attempted to placate a variety of different groups
- Environmentalists have relieved largely symbolic funding for a variety of ultimately worthless pursuits
- Business has goiten some acces
- Homeowners have gotten rate guarantees
- Utilities get market pricing guaranices
- The result in every state has been to bring far, far too many cooks into the kitchen



Yes and N

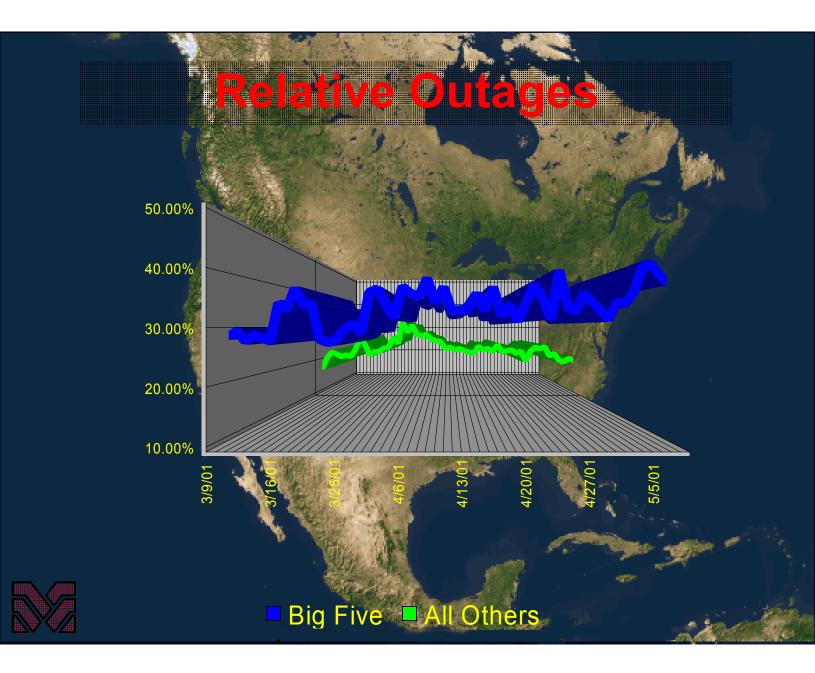
- On the yes : fined ine ISO
- December On the no side, they eliminate now have resuscitated th They have ass d the short term atomini asserted an authority t erred market
- unwilling
- For the April 26th order, the document reads better if you stap
- he dissent to the cover. , FERC extended the order to the On June 191 rest of the U.S. NSCC



Last Venits fie

- May is a period of low loads in both
- resistance heating and cooling The California ISO announced days last month The problem was not loads (as but outages
- n<mark>aunced</mark>)





Villam and Vietnm



Professor Hogan: Lucius N. Littauer Professor of Public Policy and Administration at the John F. Kennedy School of Government, Harvard University



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



Allains and Vietims

- Professor Hogan believes (to this day) that markets must be guided and managed by government
- 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
- Their unfortunate common understanding of the world set California down the path to administered markets, mandated secrecy, inefficiency, and ultimately blackouts

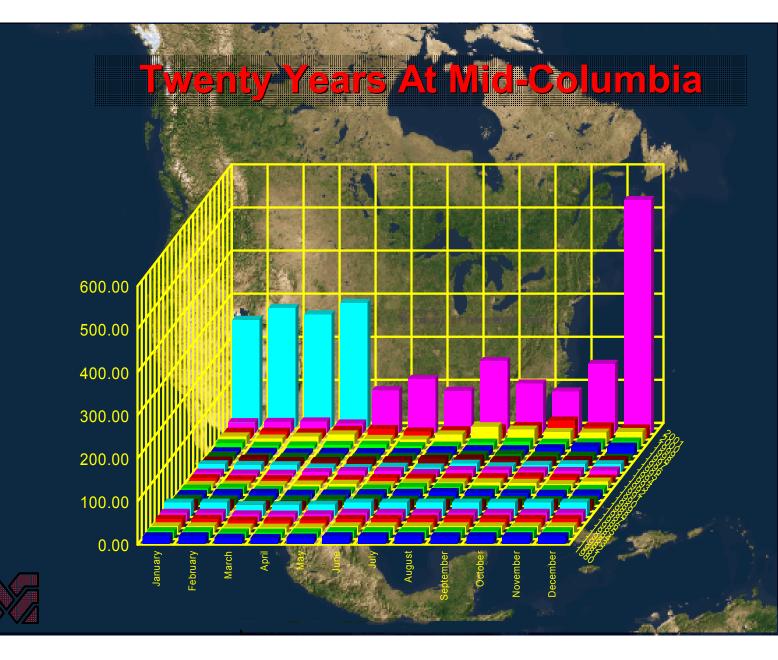


Twenty Years of Efficient

Markels

Since 1980 the West Coast has enjoyed an active wholesale market
FERC ratified the market in 1987
Californials deregulatory scheme was a step backwards from competition

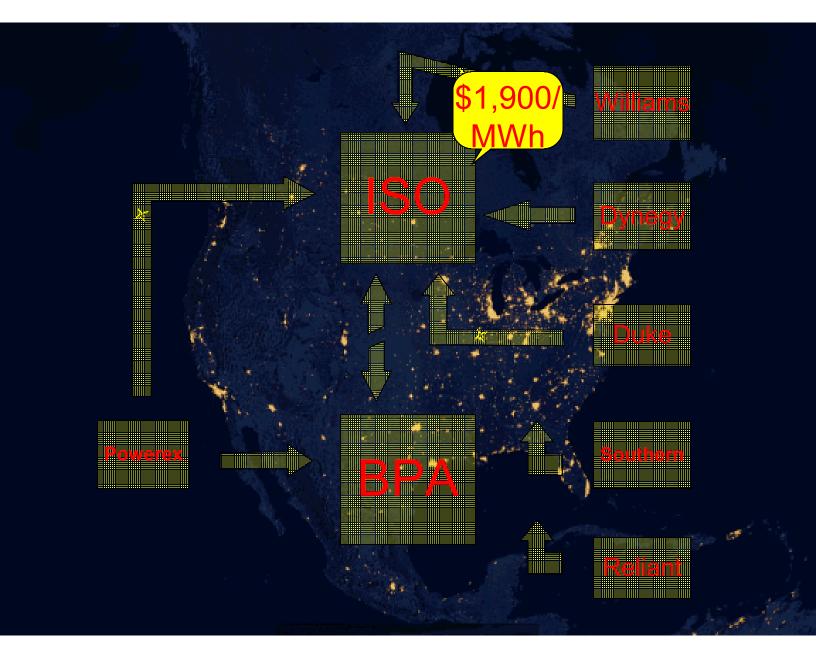




Instituten Varkeis

- Since May the ISO has taken direct compol of markets every few days
- Since November, the ISO has taken direct control almost every day
- The primary "market" if this term cambe used is the bilateral daily negotiation between Williams, Dynegy, Reliani, Duke, and Southern The regional market has suffered from the
- massive level of governmental intervention





4 •

- No centralized ma Wholesals wheel Access by state p erk ling
- tate policy b Ingness



Will The Real National Energy Policy Stand Up?

- The National Energy Plan
- Not National
 Only-some forms of energy
 The word "plan" needs to be
 Facts are not the strong pression of the strong pression



andes

- AB-1890 California's Structure The Role of Secrecy



AB41890

- The primary plan was the creation of two new state agencies the ISO and the PX to administrate Colline to be administed as a difference of the primary plan.
- al minister Sal (onna markale
- Customer challes was an party and inadventent
 casually eliminated by the formulas designed
 to recover stranded costs:





tie Role of Secrety

- Secrecy was a central tenet of the California experiment
- The logic was that cost recovery required "transparent" pricing (Den Fessior), "transparent" pricing required administered markets (Still Hogan), the absence of competitors required secrecy of bids and outcomes
- The result was that market manipulation and management failure became closecured by the mantle of competition embracing secrecy
- Simply stated, secrecy in areas of central public policy importance is risither required nor desirable
- Increased secret: will bring additional government controls in order to avoid widespread blackoute

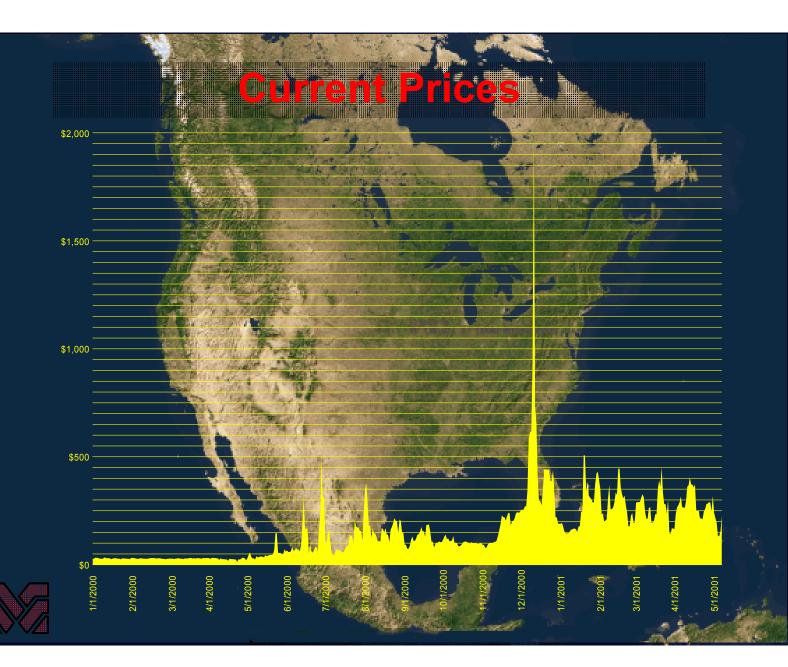


MARS. _____ 8

22nc

- With the penefit of hindsight we now know that administered prices rewards of market power ISO emergency purchasing
- oi energy for the following year
- Without the PX and the ISO have ever happened f this would

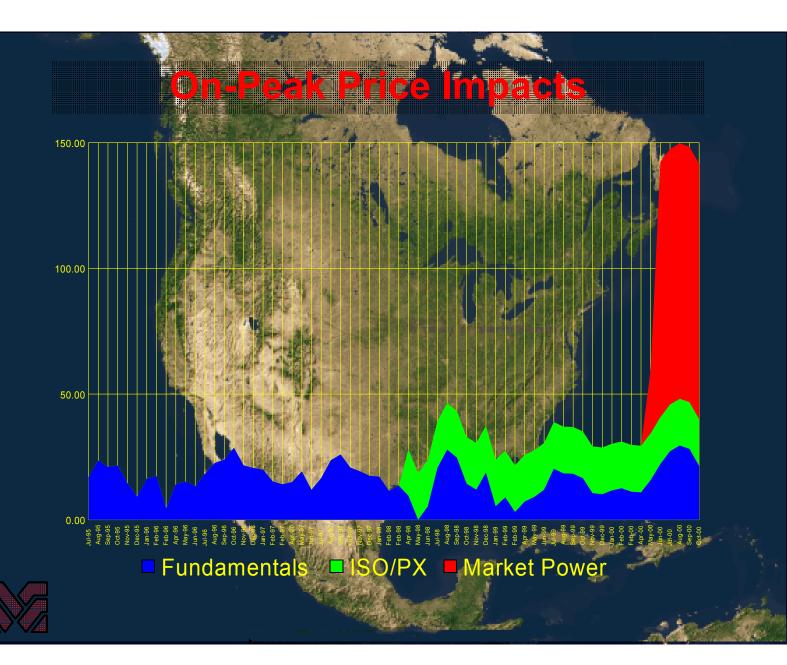


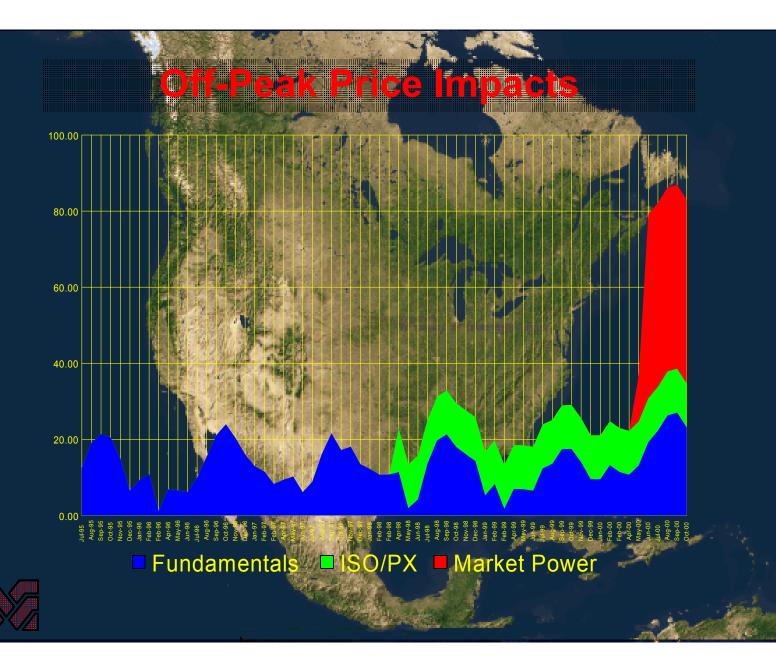


Calculated Reit 6

- +/- 23.2 Mills +/- 111.6 Mills **101.6 mills** 48.4 mills On-Peaks
- Off-Peak
- Refunds appropriate from Nay 2216 through October 31st
- Acciditional dates will continue to retine estimates on a month by month basis







Re ١ n Ke ## ## .

- The current trend C intervention A triumph of theo Cost without bene



eume

- **Recent FERC orders have continued** place
- markets with mandated solutions Clearly, seeking markets through r difficult, if not impossible, path FERC's desire to replace 858 solut mandated ISO and RTO mechanis of the cost imply a step back to the regardless



A Thumph of Theory Over

- The California experiment now explicitly derates almost 7.000 MW of generation
- almost 7,000 MW of generation
 California's tSO routinely ships power to the wrong locations using the wrong routes, misclepatches plants, and fails to refill pumped storage units -- even during emergencies
- even during emergencies
 After management failures, they classify the facts to protect 'competition'
- Bringing the Third World to town



Cost Without Benefit

- The motel of the California crisis has been that we can pay more for little or no benefit
- can pay more for little or no benefit
 High prices have been taken as proof positive of deficit against all evidence and common sense
 Cost plus goldplating may soon be seen as
- Cost plus goldplating may soon be seen as inexpensive when compared to regulatory imitations of competition



Alto Is Making These Decisions Anyway?

- FERC
 - Heberi
 - Masse
- DOE?
- The New Bureaucrac
 - California (SO)
 - ERCOTY
 - New England



McCullough Research garretteaw Omresearch.com 503-771-5090

