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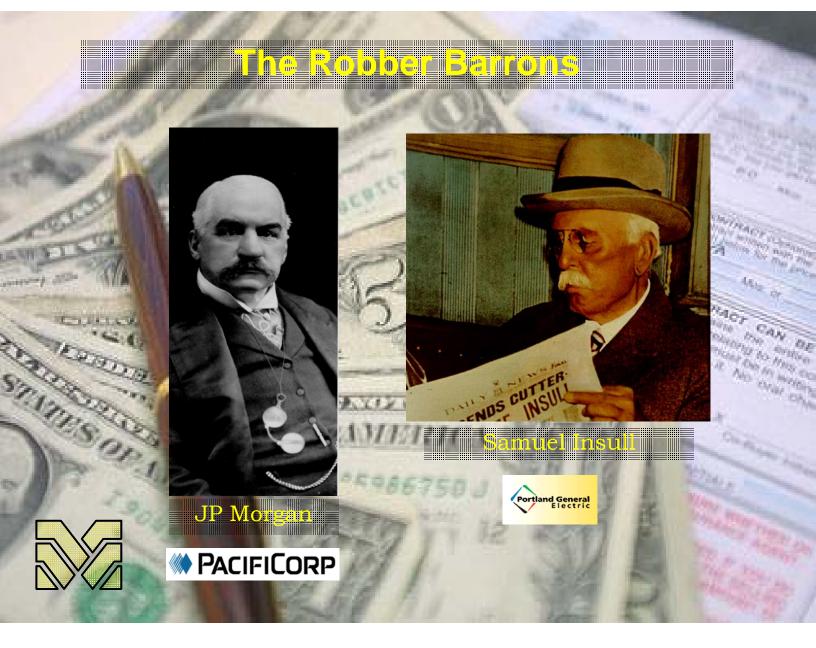
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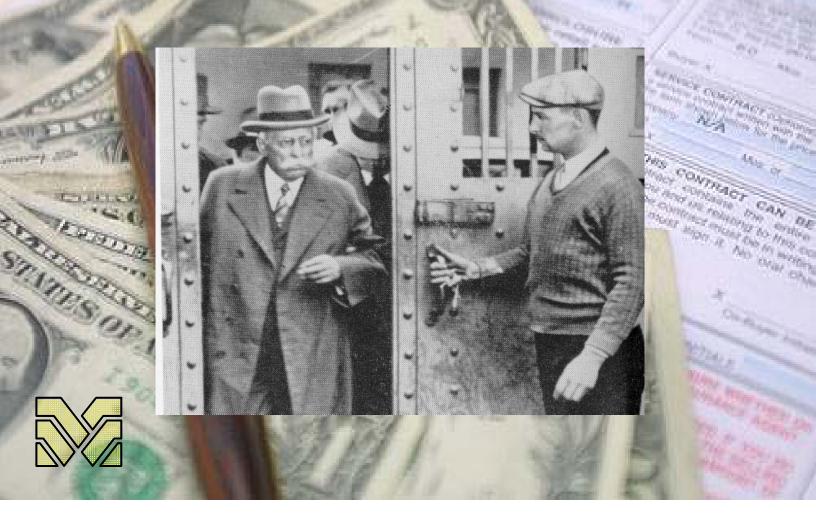








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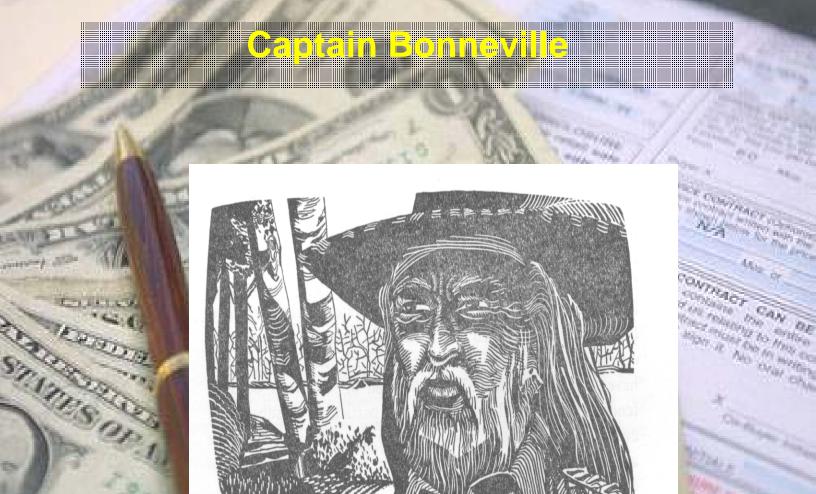


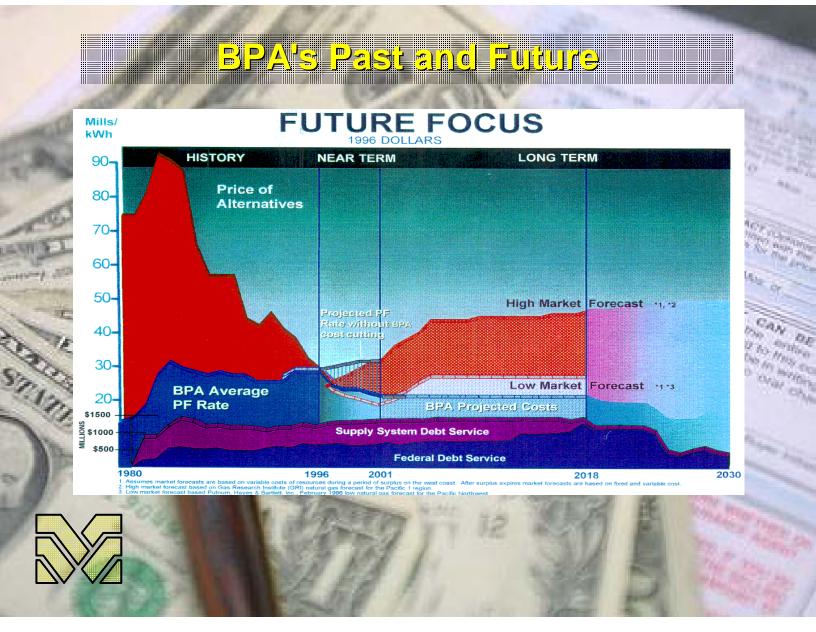


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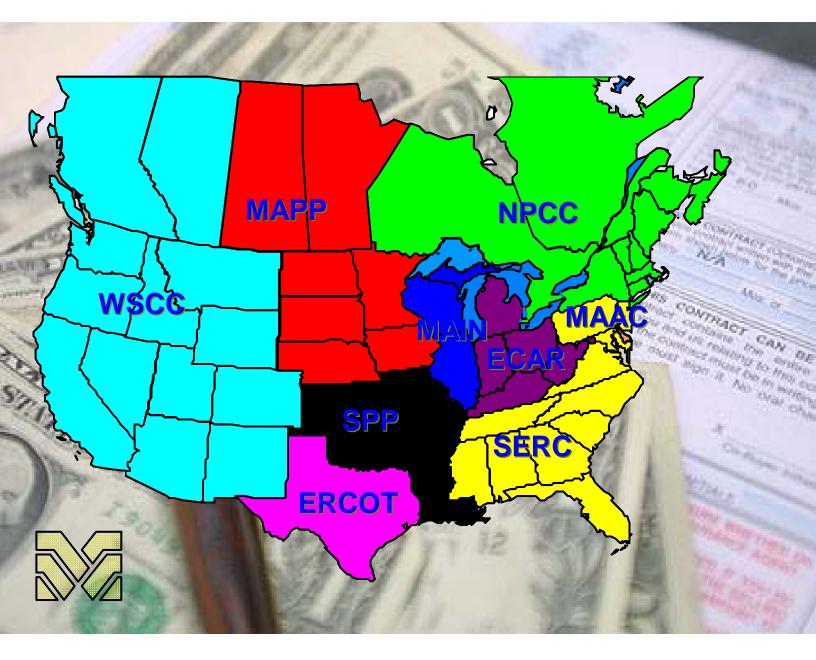
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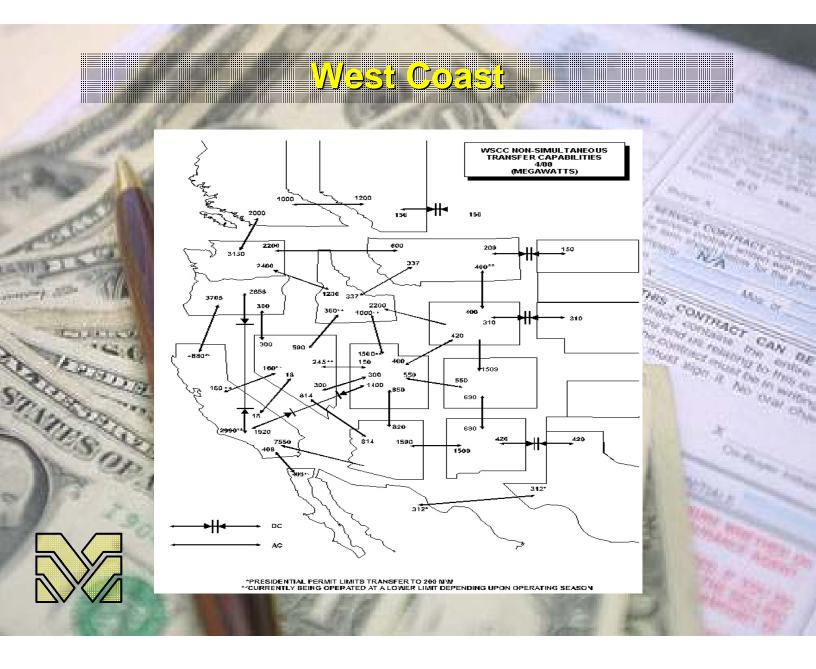
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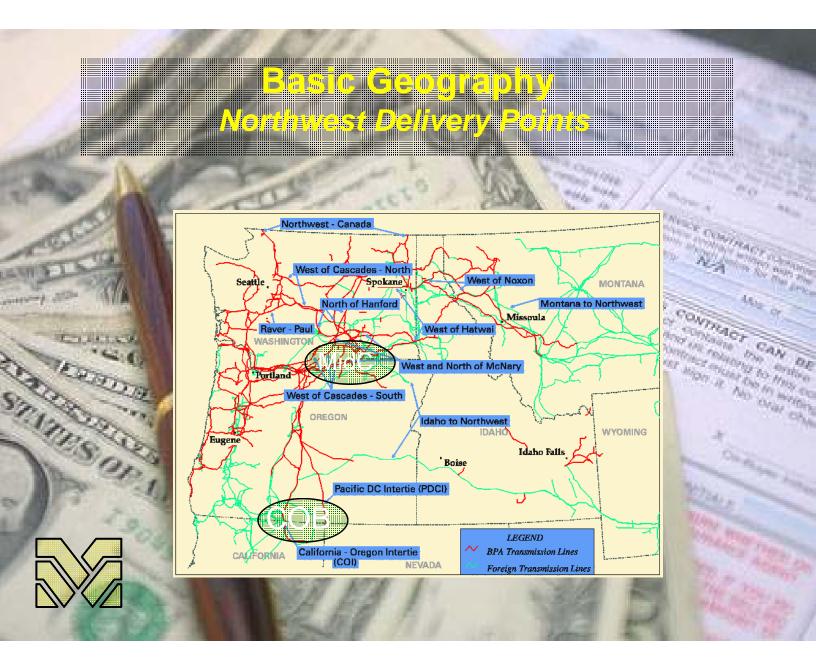
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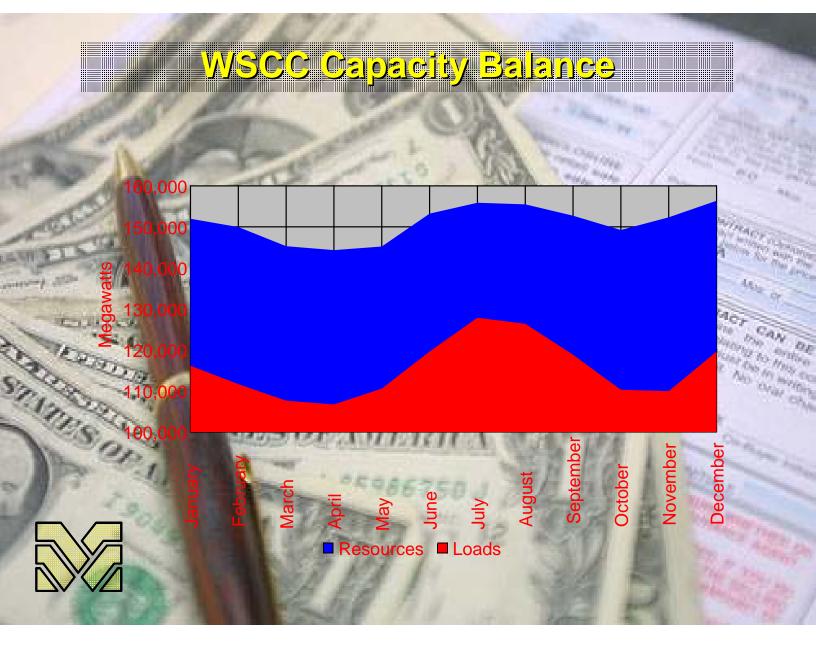


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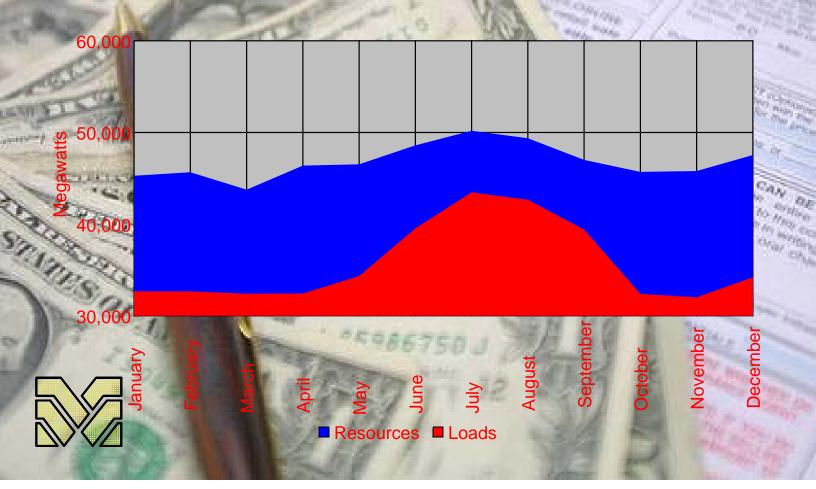
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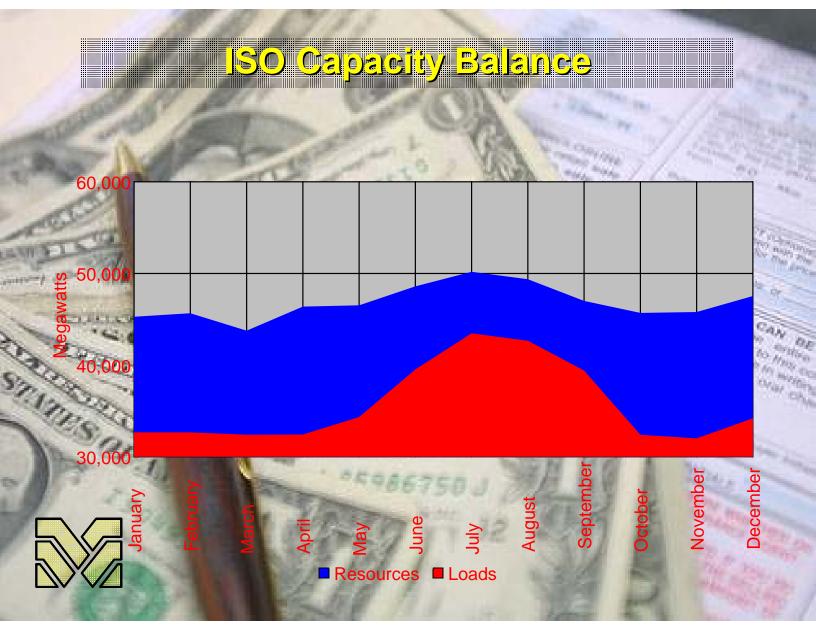
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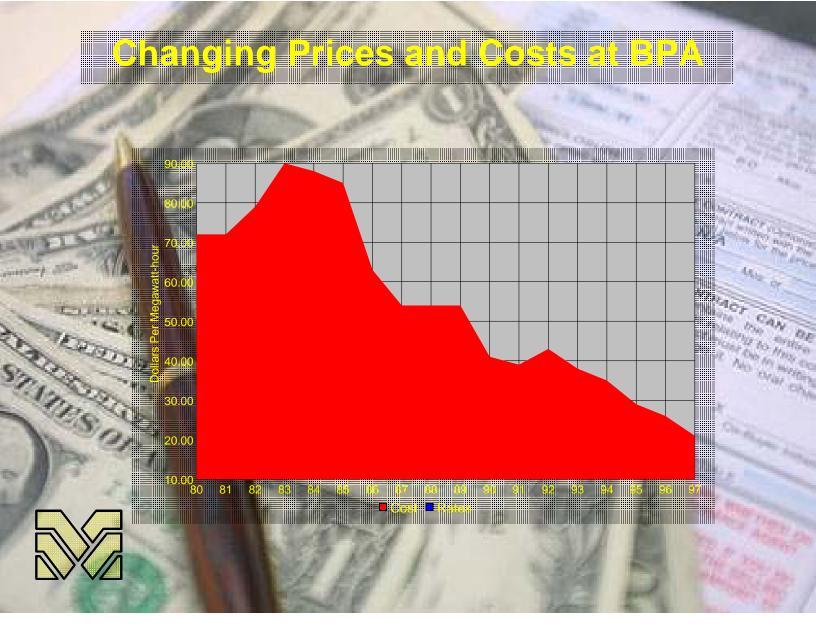
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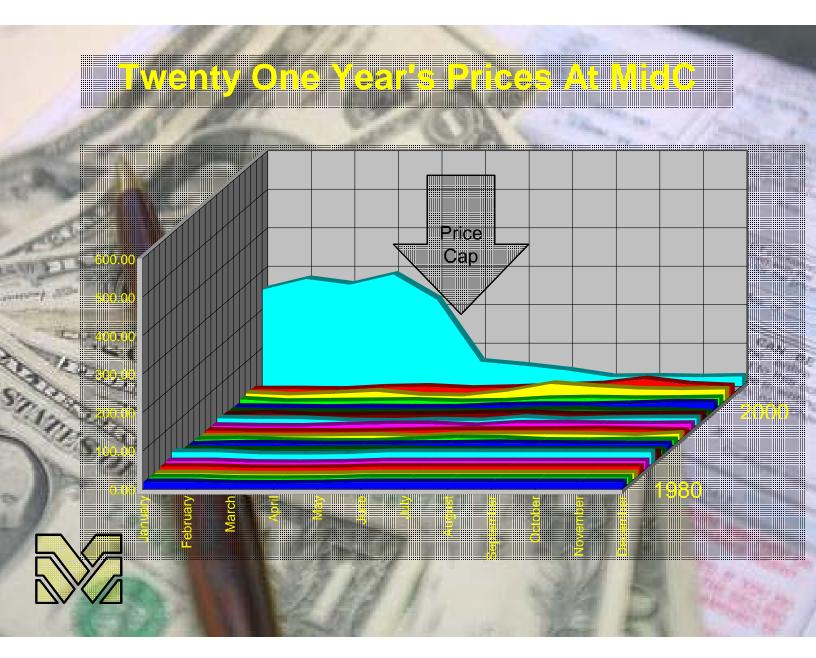
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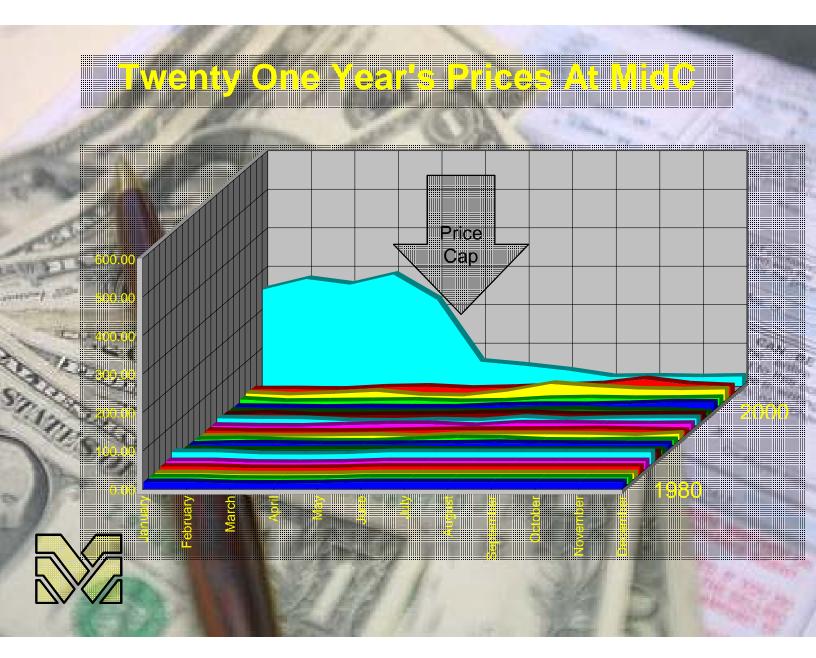
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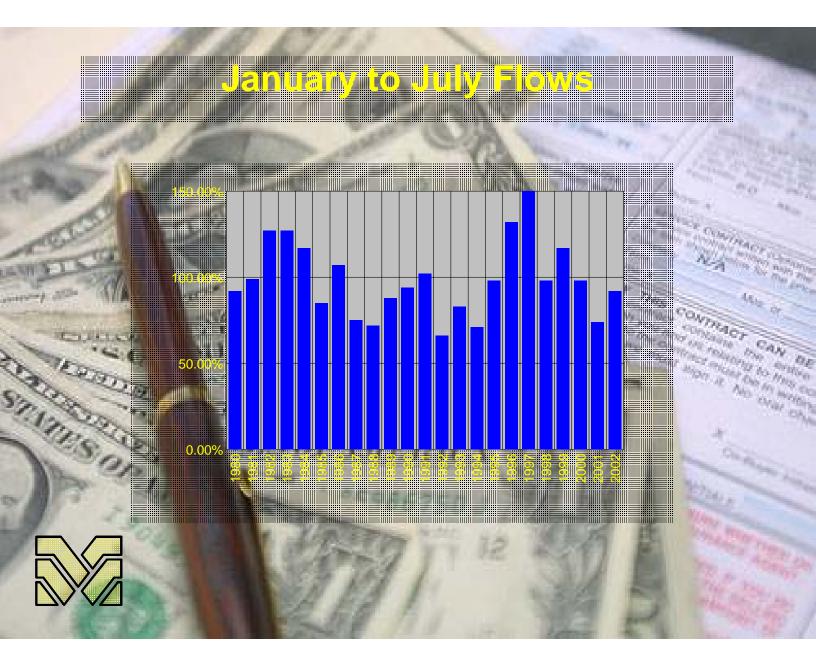


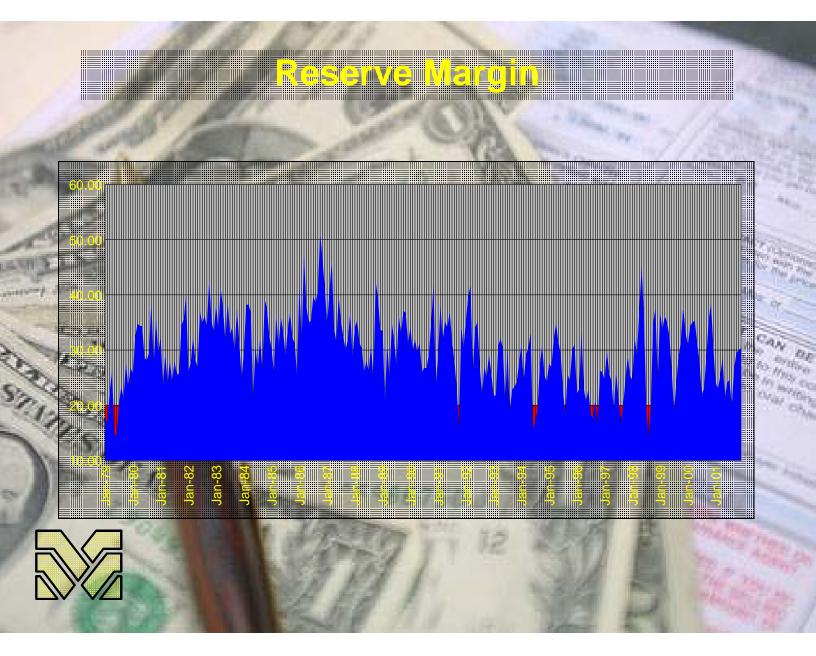
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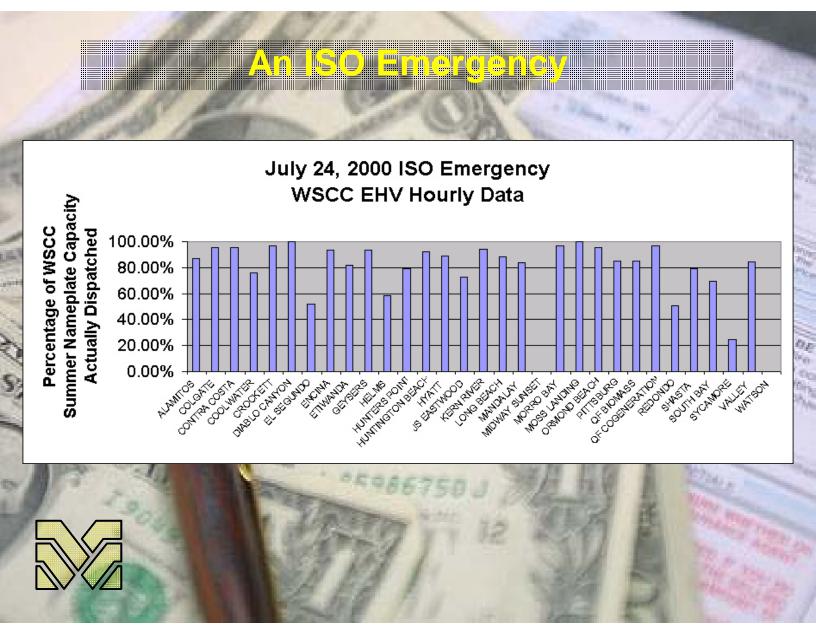




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	Northern California	Southern California (Outside of SCAQMD)	SCAQMD	Total	Southern California		20 mar
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Jan-97 to Mar-98	125.63	467.31	486.69	1,079.63	954.00	Rellin	Street States
Apr-98 to Apr-00	2,097.07	2,145.22	2152.96	6,395.24	4298.17		And Barries Pro-
May-00 to Jul-01	4,055.36	4,623.28	4812.76	13,491.40	9436.04		de la contra
Aug-01 to Dec-01	2,504.16	2,524.25	1202.37	6,230.78	3726.62	and the second	Mar or -
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Actual						1.000 10000	Cart
Jan-97 to Mar-98	973.99	1,157.25	1060.72	3,191.96	2217.97	Care and	1 1 DI
Apr-98 to Apr-00	1,250.30	1,349.55	952.43	3,552.28	2301.98	"Do the	10 to Hallon
May-00 to Jul-01	2,603.83	2,665.89	2408.84	7,678.57	5074.74		No. Marine
Aug-01 to Dec-01	2,351.52	2,031.62	2163.14	6,546.27	4194.76		WWY CON
						1.1	
Difference						1.000	
Jan-97 to Mar-98	848.37	689.93	574.03	2,112.33	1,263.97	- 9	and and
Apr-98 to Apr-00	(846.77)	(795.67)	(1,200.52)	(2,842.97)	(1,996.20)		and the second second
May-00 to Jul-01	(1,451.53)	(1,957.38)	(2,403.92)	(5,812.83)	(4,361.30)	Ends :	
Aug-01 to Dec-01	(152.64)	(492.63)	960.77	315.50	468.14		
	Apr-98 to Apr-00 May-00 to Jul-01 Aug-01 to Dec-01 Difference	California Forecasted Jan-97 to Mar-98 125.63 Apr-98 to Apr-00 2,097.07 May-00 to Jul-01 4,055.36 Aug-01 to Dec-01 2,504.16 Actual - Jan-97 to Mar-98 973.99 Apr-98 to Apr-00 1,250.30 May-00 to Jul-01 2,603.83 Aug-01 to Dec-01 2,351.52 Difference - Jan-97 to Mar-98 848.37 Apr-98 to Apr-00 (846.77) May-00 to Jul-01 (1,451.53)	California Outside of SCAQMD) Forecasted Jan-97 to Mar-98 125.63 Apr-98 to Apr-00 2,097.07 Ay-00 to Jul-01 4,055.36 Aug-01 to Dec-01 2,504.16 Jan-97 to Mar-98 973.99 Apr-98 to Apr-00 1,250.30 Jan-97 to Mar-98 973.99 Jan-97 to Mar-98 848.37 Jan-97 to Mar-98 848.37 Jan-97 to Mar-98 848.37 Jan-97 to Mar-98 848.37 Jan-97 to Mar-98 <td>California (Outside of SCAQMD) SCAQMD Forecasted </td> <td>California (Outside of SCAQMD) SCAQMD Fotal Forecasted Jan-97 to Mar-98 125.63 467.31 486.69 1,079.63 Apr-98 to Apr-00 2,097.07 2,145.22 2152.96 6,395.24 May-00 to Jul-01 4,055.36 4,623.28 4812.76 13,491.40 Aug-01 to Dec-01 2,504.16 2,524.25 1202.37 6,230.78 Atual Jan-97 to Mar-98 973.99 1,157.25 1060.72 3,191.96 Apr-98 to Apr-00 1,250.30 1,349.55 952.43 3,552.28 May-00 to Jul-01 2,603.83 2,665.89 2408.84 7,678.57 Aug-01 to Dec-01 2,351.52 2,031.62 2163.14 6,546.27 Jan-97 to Mar-98 848.37 689.93 574.03 2,112.33 Apr-98 to Apr-00 (846.77) (795.67) (1,200.52) (2,842.97) May-00 to Jul-01 (1,451.53) (1,957.3</td> <td>California (Outside of SCAQMD) SCAQMD Iotal California Forecasted</td> <td>California (Outside of SCAQMD) SCAQMD Iotal California Forecasted</td>	California (Outside of SCAQMD) SCAQMD Forecasted	California (Outside of SCAQMD) SCAQMD Fotal Forecasted Jan-97 to Mar-98 125.63 467.31 486.69 1,079.63 Apr-98 to Apr-00 2,097.07 2,145.22 2152.96 6,395.24 May-00 to Jul-01 4,055.36 4,623.28 4812.76 13,491.40 Aug-01 to Dec-01 2,504.16 2,524.25 1202.37 6,230.78 Atual Jan-97 to Mar-98 973.99 1,157.25 1060.72 3,191.96 Apr-98 to Apr-00 1,250.30 1,349.55 952.43 3,552.28 May-00 to Jul-01 2,603.83 2,665.89 2408.84 7,678.57 Aug-01 to Dec-01 2,351.52 2,031.62 2163.14 6,546.27 Jan-97 to Mar-98 848.37 689.93 574.03 2,112.33 Apr-98 to Apr-00 (846.77) (795.67) (1,200.52) (2,842.97) May-00 to Jul-01 (1,451.53) (1,957.3	California (Outside of SCAQMD) SCAQMD Iotal California Forecasted	California (Outside of SCAQMD) SCAQMD Iotal California Forecasted

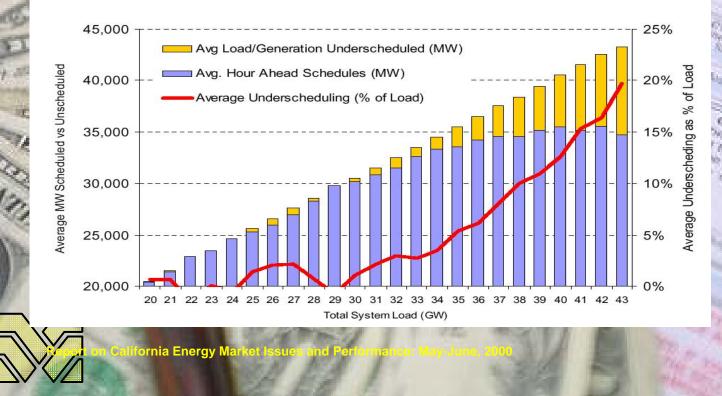




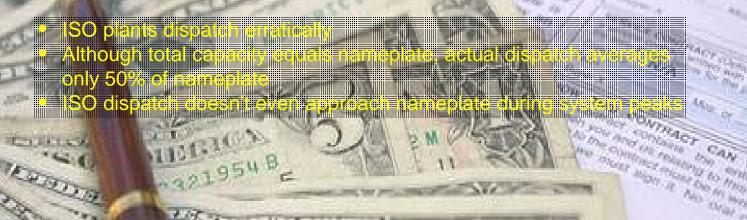


Undergeneration

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



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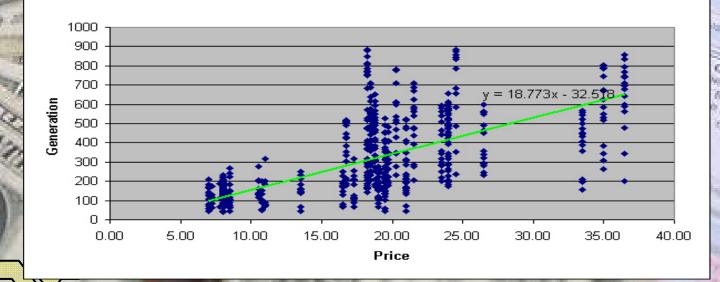
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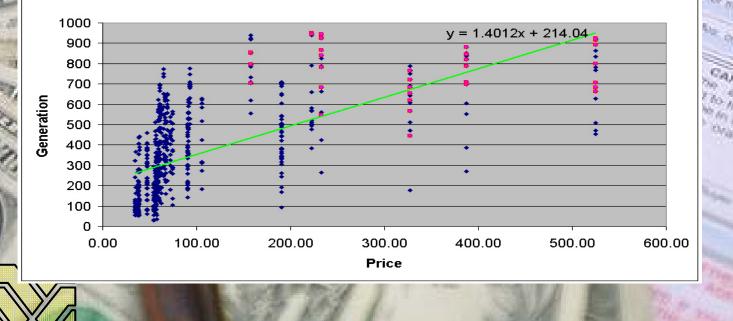


June 1997 Encina Generation and Price (Red denotes ISO Emergency, green line shows statistical relationship between price and quantity)





June 2000 Encina Generation and Price (Red denotes ISO Emergency, green line shows statistical relationship between price and quantity)



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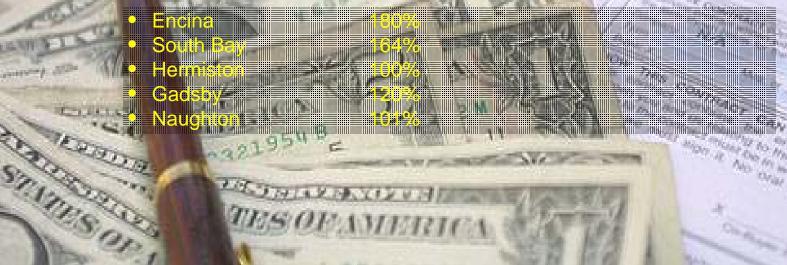
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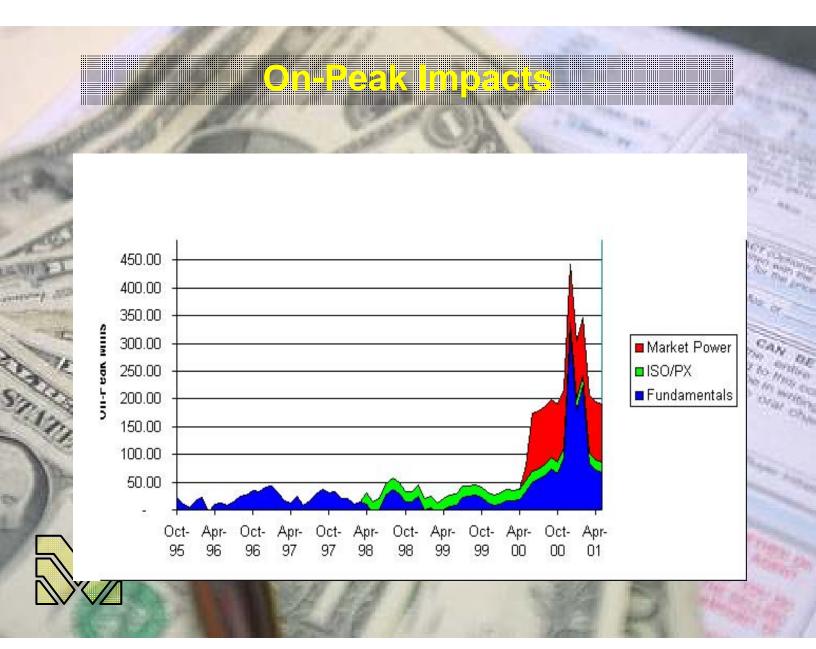
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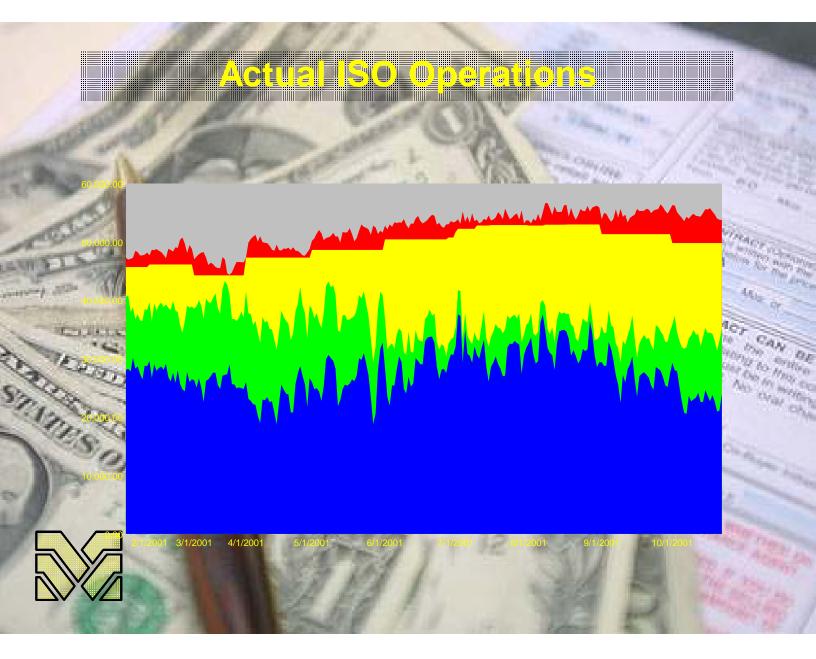
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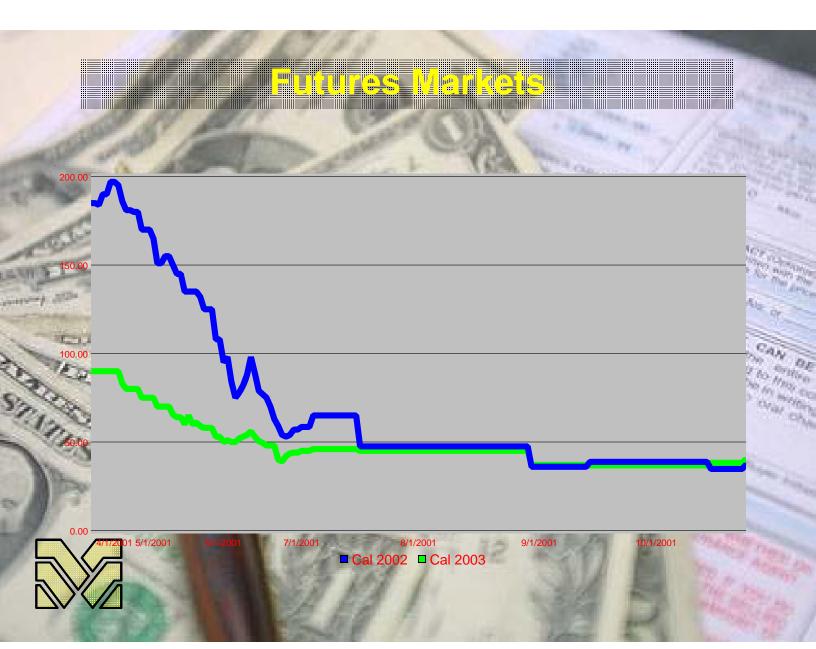
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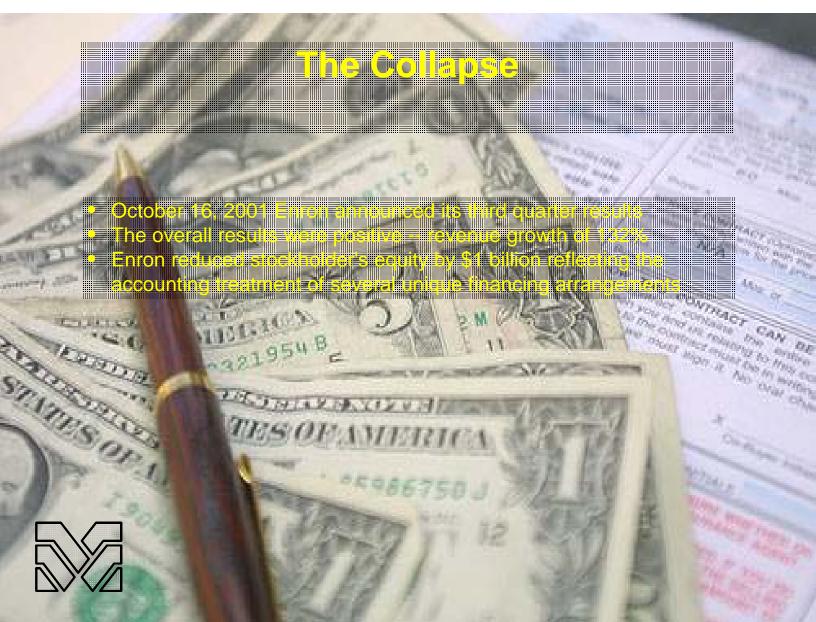
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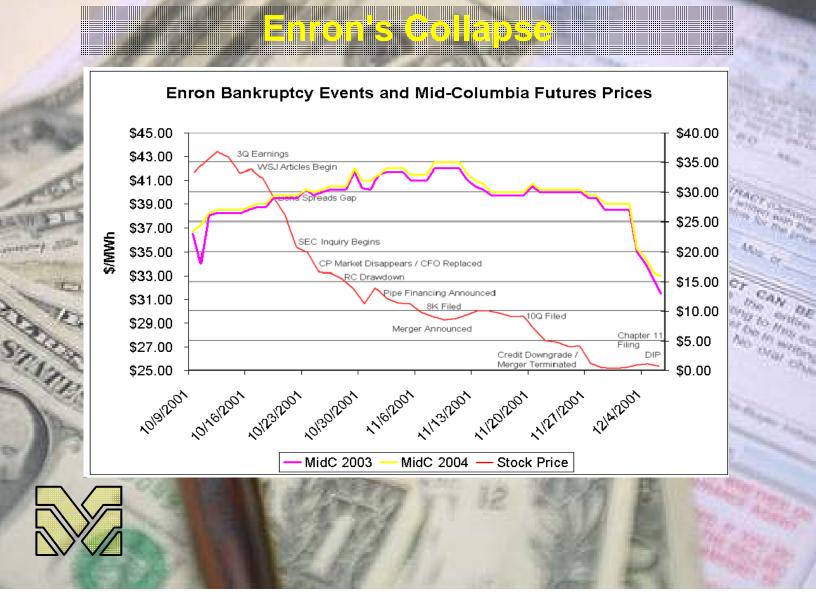
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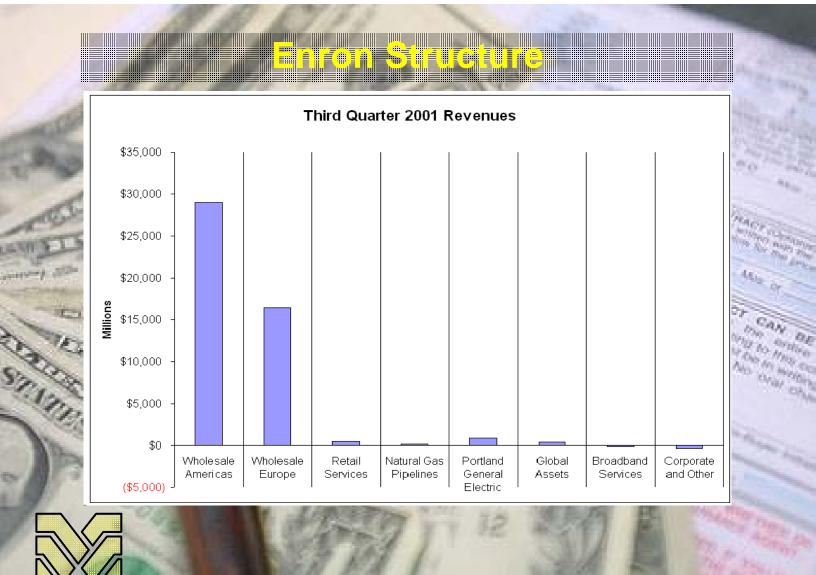
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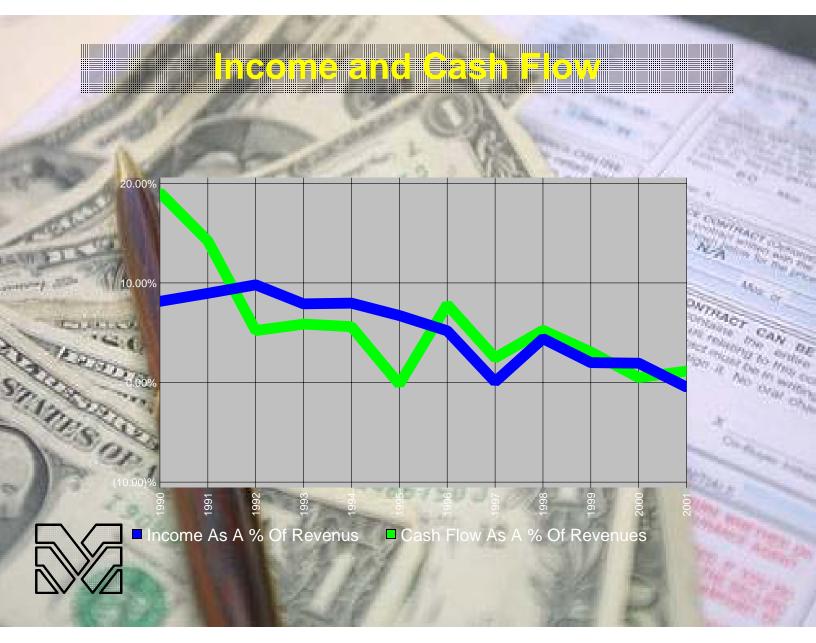
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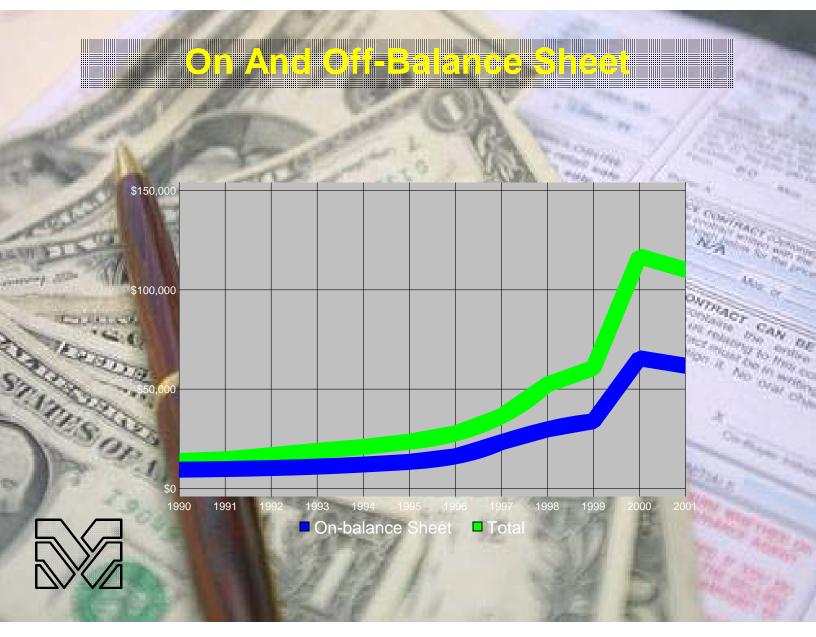
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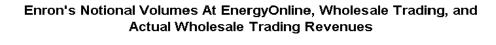
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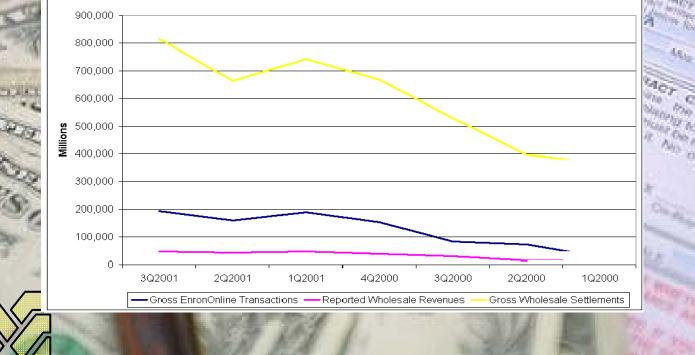
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Unfortunate Last Words

I have heard one manager level employee from the principle investments group say "I know it would be devastating to all of us, but I wish we would get caught. We're such a crooked company." The principle investments group hedged a large number of their investments with Raptor. These people know and see a lot. Many similar comments are made when you ask about these deals. Employees quote our CFO as saying that he has a handshake deal with Skilling that LJM will never lose money.

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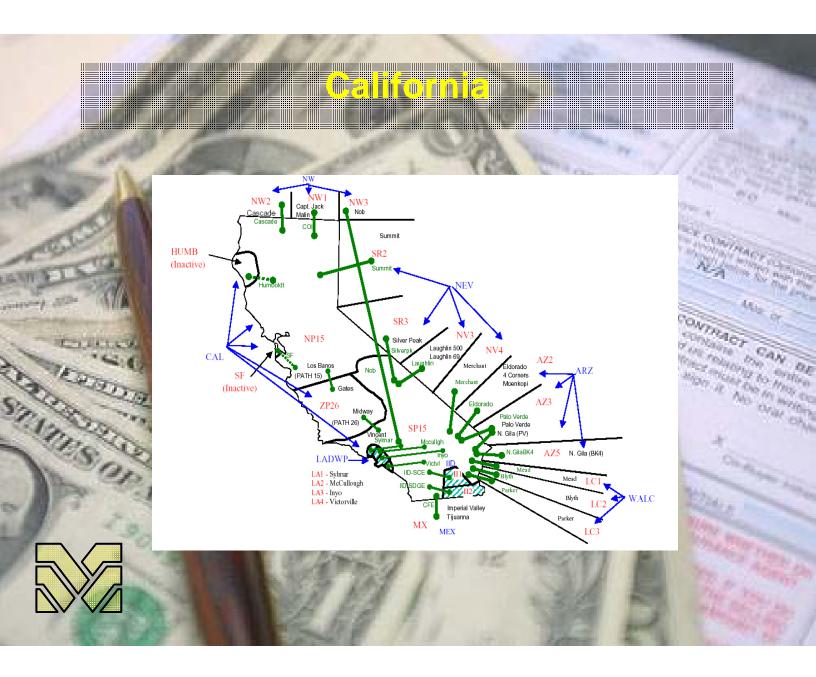
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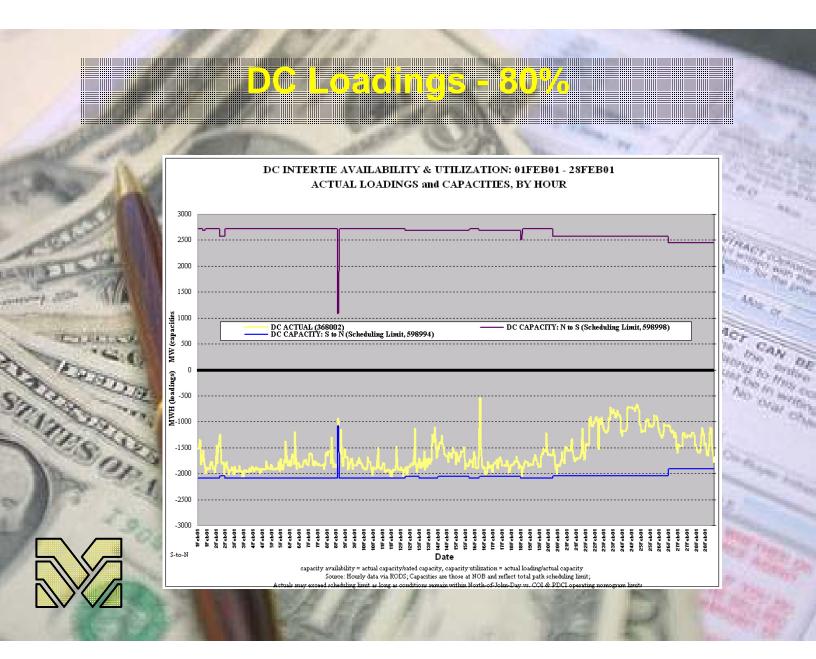


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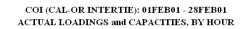




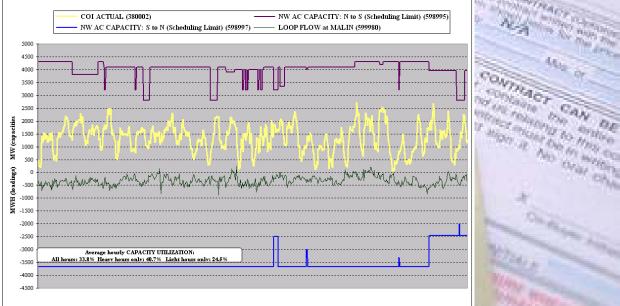
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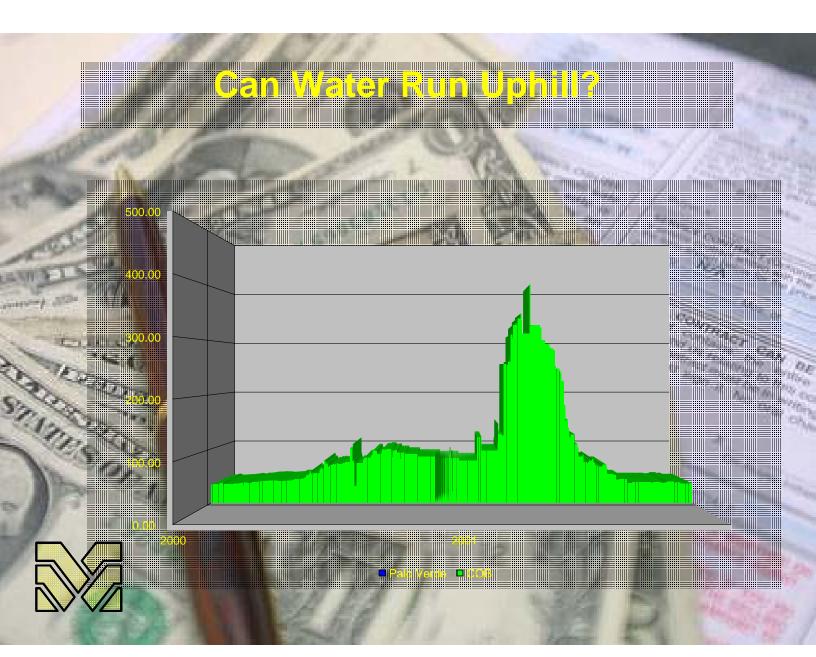
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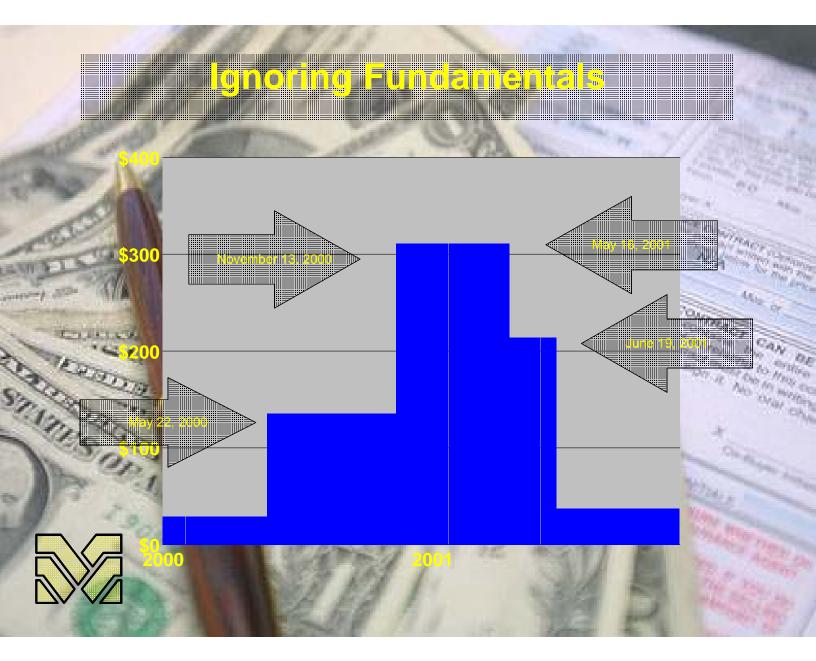


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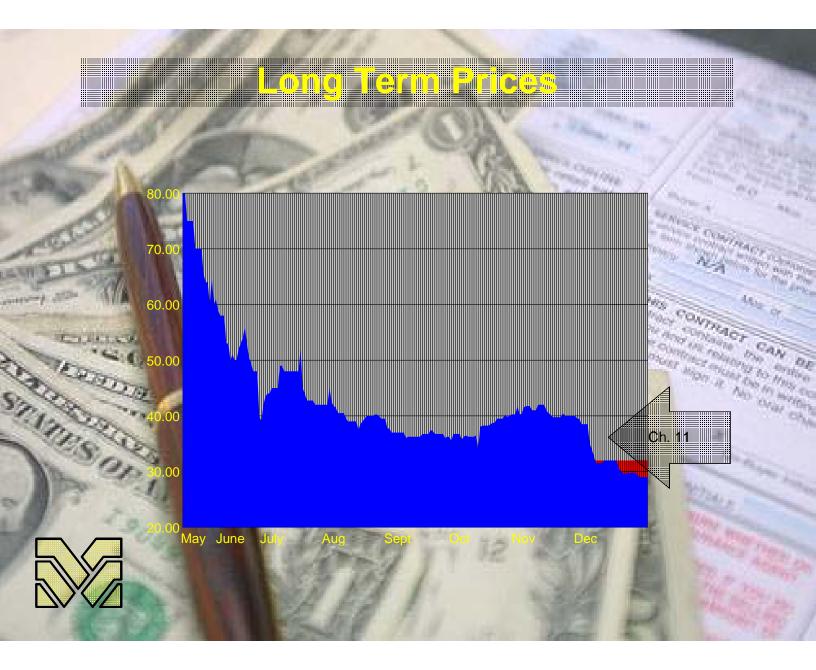


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3.3.10 Generation from Hydro Units

The hourly generation schedule of hydro units in the northwest and British Columbia was provided by RTO West based on average hydro conditions and was used in the GE MAPS in both With RTO and Without RTO cases. The Benefit Cost Work Group decided on this approach to ensure that the model captured all environmental, operational, and other constraints that determine generation from hydro units. The work group fixed the hydro schedule because the "hydro operations in the Pacific Northwest are driven largely by non-power constraints associated with fish and wildlife mitigation, flood control, irrigation, navigation, etc." ²⁷

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Annual Average Energy Price (Real 2000\$/MWh)				
Area	Region	Without RTO	With RTO	% Change
BC Hydro + W Kooteny	RTO-West	35.80	34.41	(3.89)
Avista Corp	RTO-West	35.50	29.70	(16.34)
Bonneville Power Admin	RTO-West	34.82	29.75	(14.57)
Chelan Douglas Grant PUD	RTO-West	34.18	29.73	(13.01)
Idaho Power Company	RTO-West	30.30	28.93	(4.53)
Montana Power Company	RTO-West	25.24	26.82	6.27
Nevada Power Company	RTO-West	33.75	30.38	(9.99)
Pacificorp East	RTO-West	30.16	27.46	(8.94)
Pacificorp West	RTO-West	32.73	29.68	(9.33) (11.05)
Portland General Electric	RTO-West	33.42	29.73	(11.05)
Puget Sound Energy	RTO-West	35.60	29.77	(11.05) (16.39)
Seattle City Light	RTO-West	34.82	29.75	(14.56)
Sierra Pacific Power	RTO-West	40.99	33.21	(18.97)
Tacoma Public Utilities	RTO-West	34.42	29.75	(13.56)
Alberta Power	ALBERTA	23.98	23.81	(0.69)
LA Dept of Water & Power	CA ISO	34.39	30.99	(9.87)
Pacific Gas & Electric	CA ISO	32.88	31.32	(16.39) (14.56) (18.97) (13.56) (0.69) (9.87) (4.76)
San Diego Gas & Electric	CA ISO	32.20	30.97	(14.56) (18.97) (13.56) (0.69) (9.87) (4.76) (3.83) (4.61)
Southern California Edison	CA ISO	32.93	31.41	(4.61)
Public Service of Colora	Rocky Mtn	32.66	25.72	(21.23)
WAPA Colorado-Missouri	Rocky Mtn	26.75	25.76	(3.73)
WAPA Upper Missouri	Rocky Mtn	27.59	24.56	(10.99)
Arizona Public Service	WConnect	31.17	27.77	(10.93)
El Paso Electric	WConnect	36.17	30.63	(15.32)
Imperial Irrigation Dist	WConnect	30.69	28.71	(6.44)
Public Service New Mexico	WConnect	33,16	27.80	(16,14)
Salt River Project	WConnect	31.12	27.68	(11.06)
Tucson Electric Power	WConnect	31.14	27.41	(11.96)
WAPA Lower Colorado	WConnect	31.11	27.42	(11.85)



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