

Kortes Powerplant Pick-Sloan Missouri Basin Program

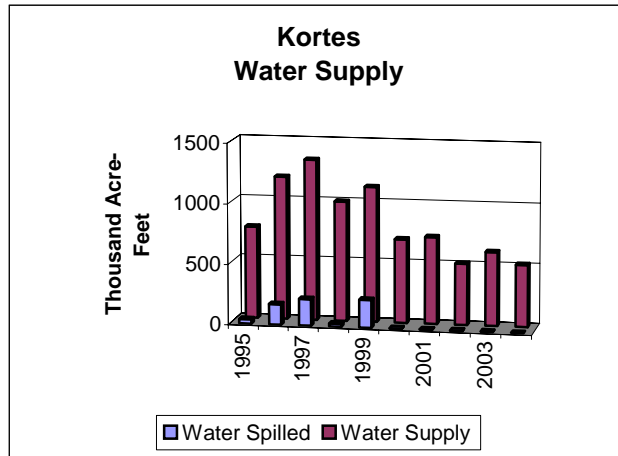
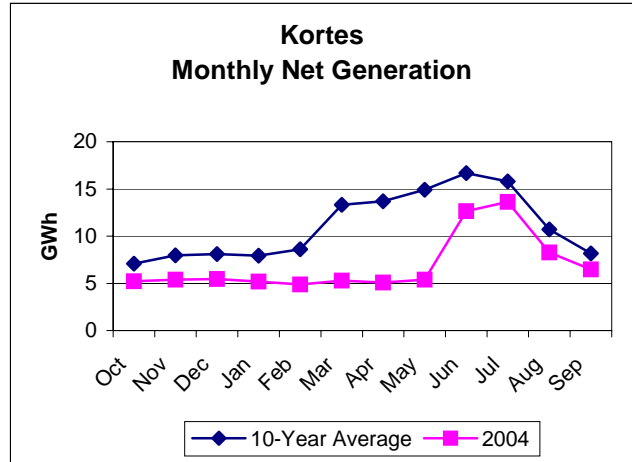
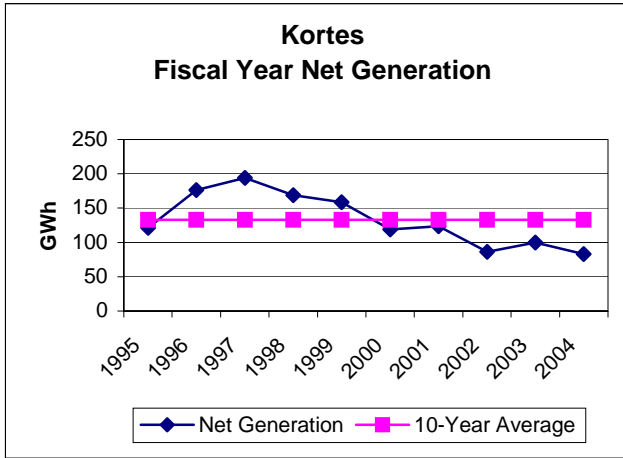
Ancillary Services

Kortes Ancillary Services	
Spinning Reserve	Yes
Non-Spinning Reserve	Yes
Replacement Reserve	Yes
Regulation/Load Following	Yes
Black Start	Yes
Voltage Support	Yes

Generators

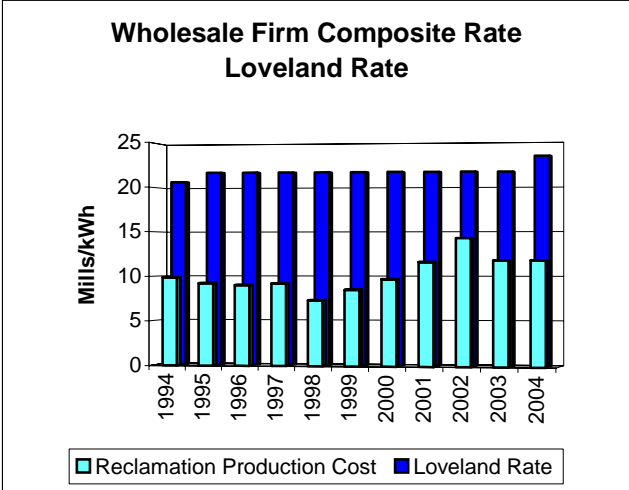
Kortes Generators Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	12,000	0	12,000
2	12,000	0	12,000
3	12,000	0	12,000
3 Units	36,000	0	36,000

Generation

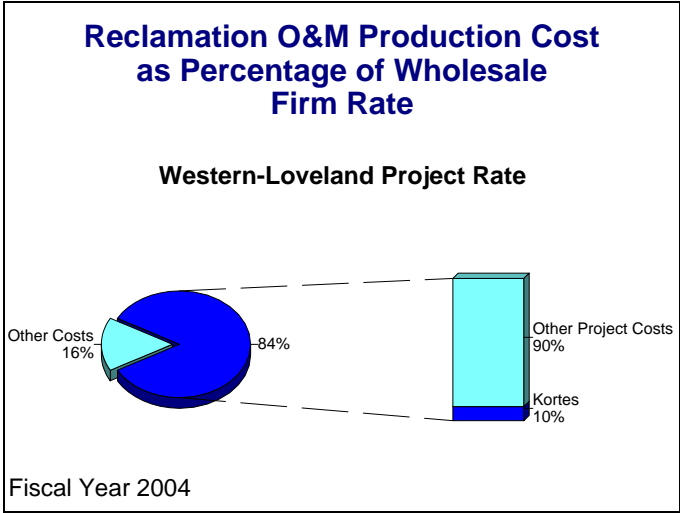


Prime Laboratory Benchmarks

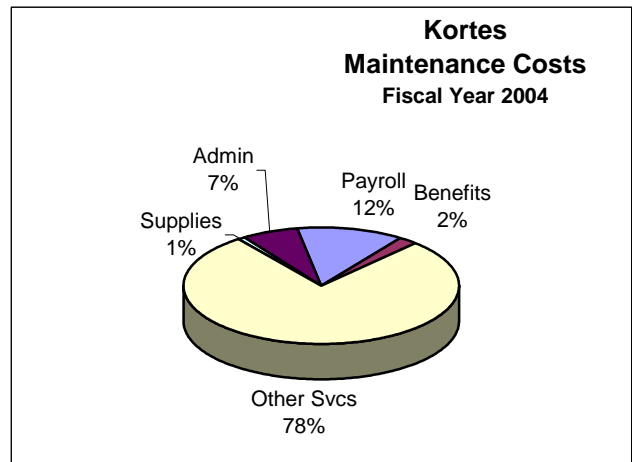
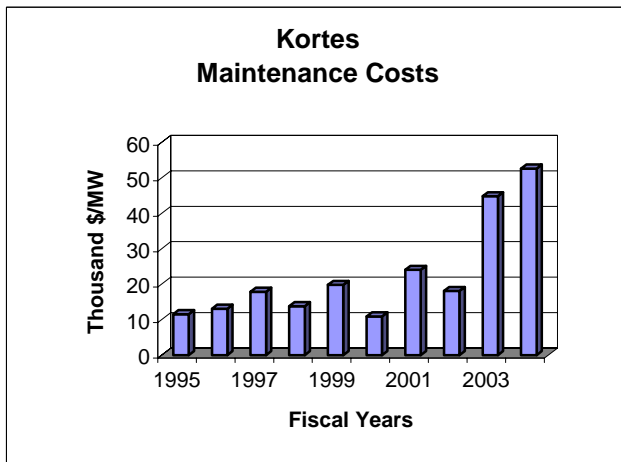
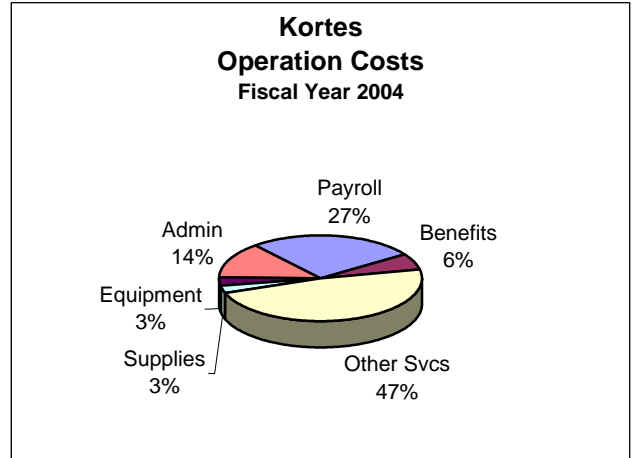
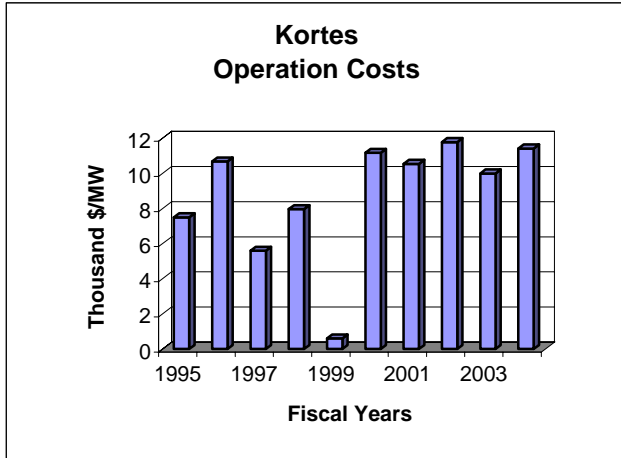
**Benchmark 1
Wholesale Firm Rate**



**Benchmark 2
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**

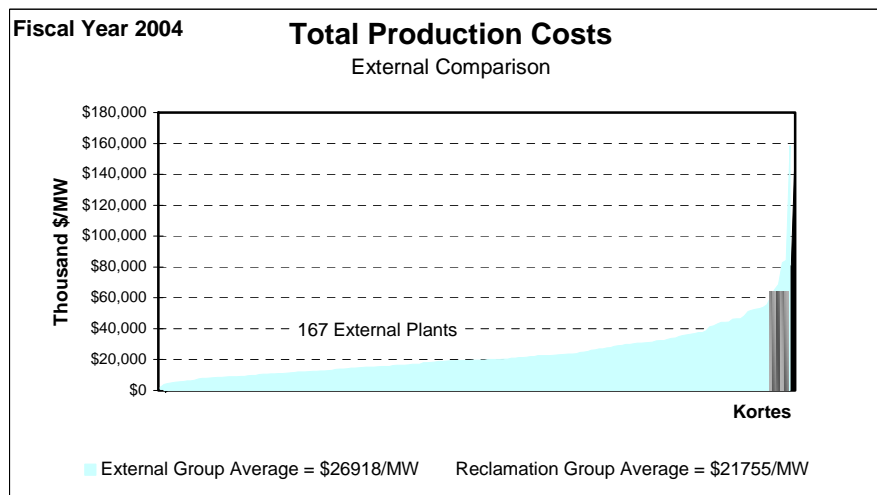
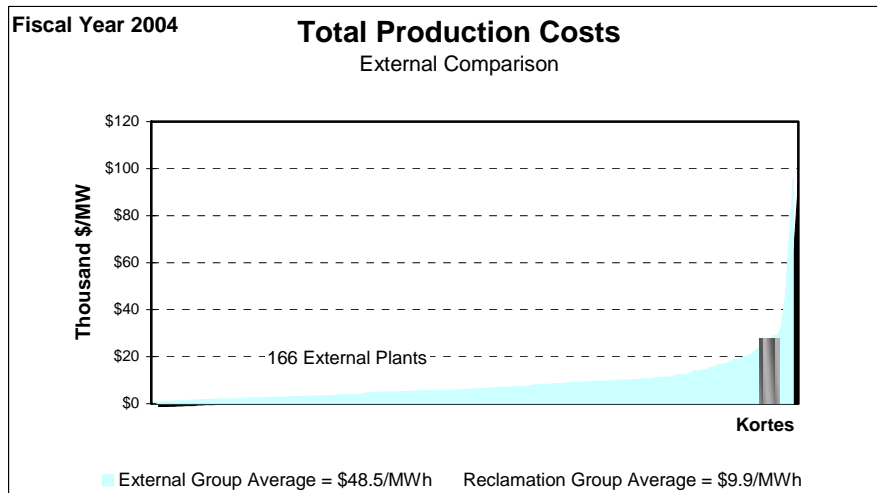
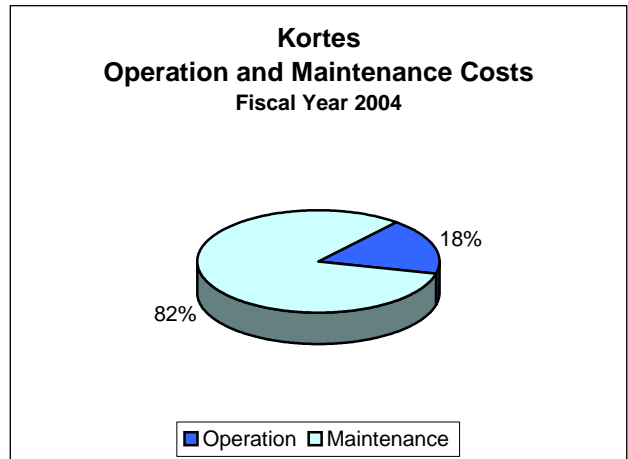
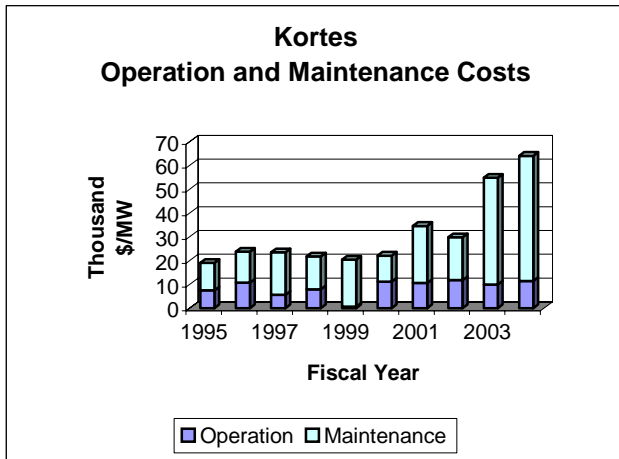


**Benchmark 3
Production Cost**



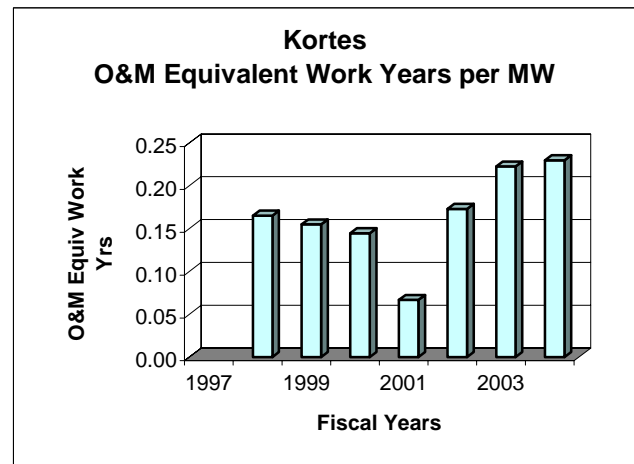
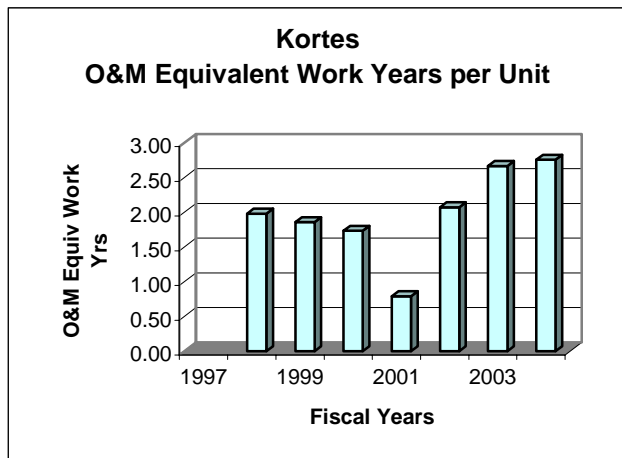
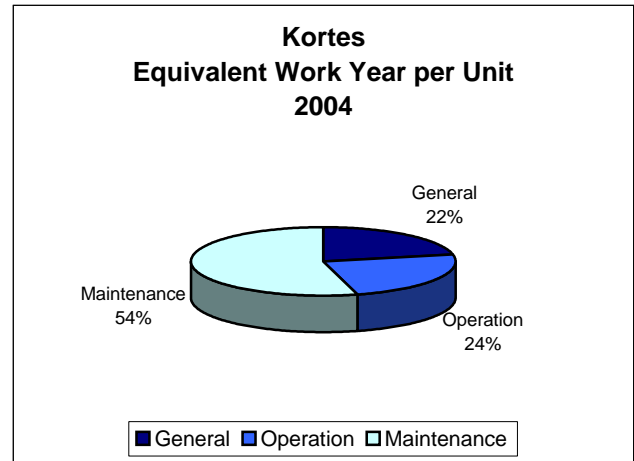
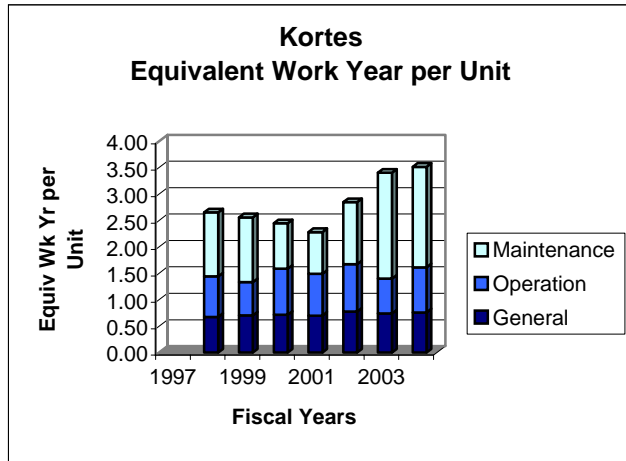
FY 2003 Maintenance Costs include a \$900,000 RAX expense on the Kortes Tunnel Repair.

**Benchmark 3
Production Cost**



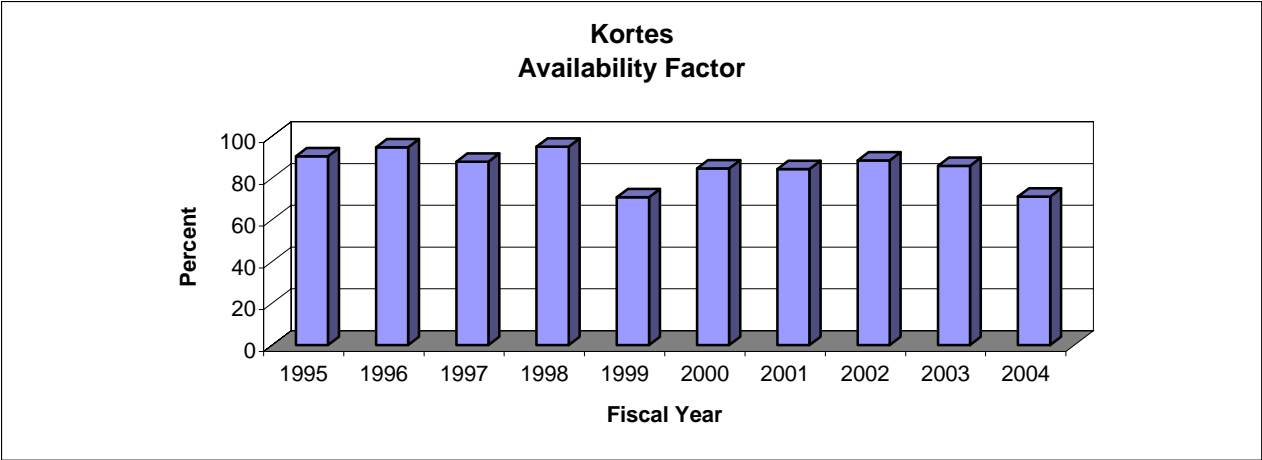
**Benchmark 4
Workforce Deployment**

Kortes 2004 Equivalent Work Year Levels						
	Equiv Work Year Charged to Powerplant	Leave Additive	Denver and Washington Equiv Work Year Additive	Total Equiv Work Year Allocated to Powerplant	Total Equiv Work Year per Generating Unit	Total Equiv Work Year per Megawatt
General	1.99	0.23	0.05	2.28	0.76	0.06
Operation	2.30	0.26	0.00	2.56	0.85	0.07
Maintenance	5.12	0.59	0.00	5.71	1.90	0.16
Total Staffing	9.41	1.08	0.05	10.54	3.51	0.29



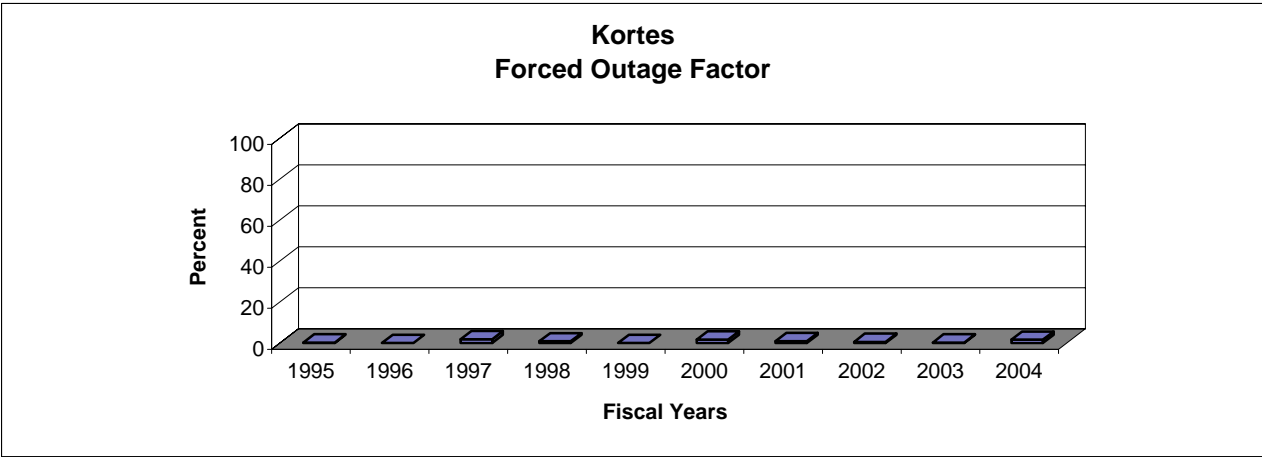
Distributive Accounts not available for FY-97

**Benchmark 5
Availability Factor**

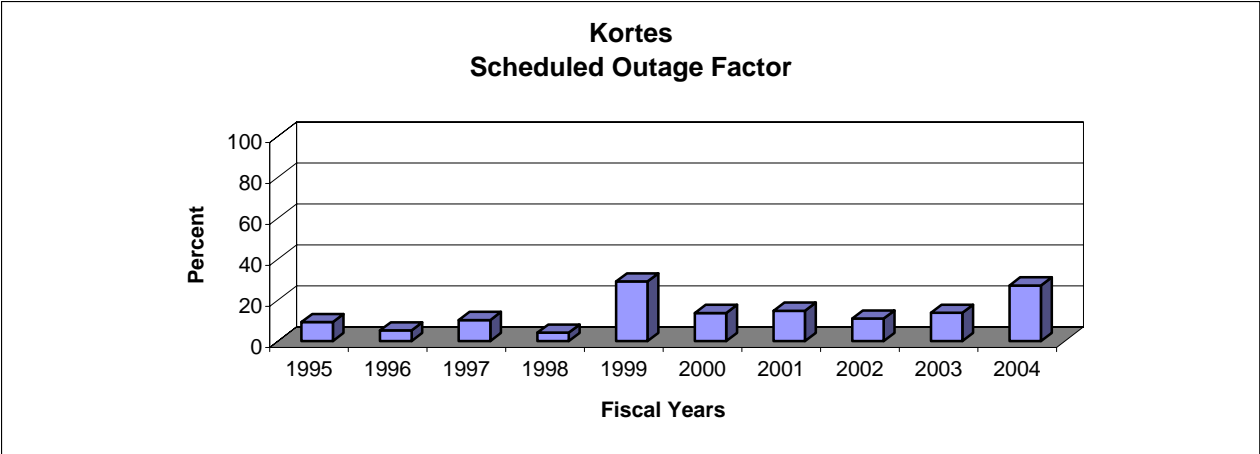


FY-99 – Unit 2 transformer failure in September 1998 and replacement in June 1999
FY-00 – Replacement of Unit 3 transformer in March 2000
FY-01 – Replacement of Unit 1 transformer in February 2001

**Benchmark 6
Forced Outage Factor**

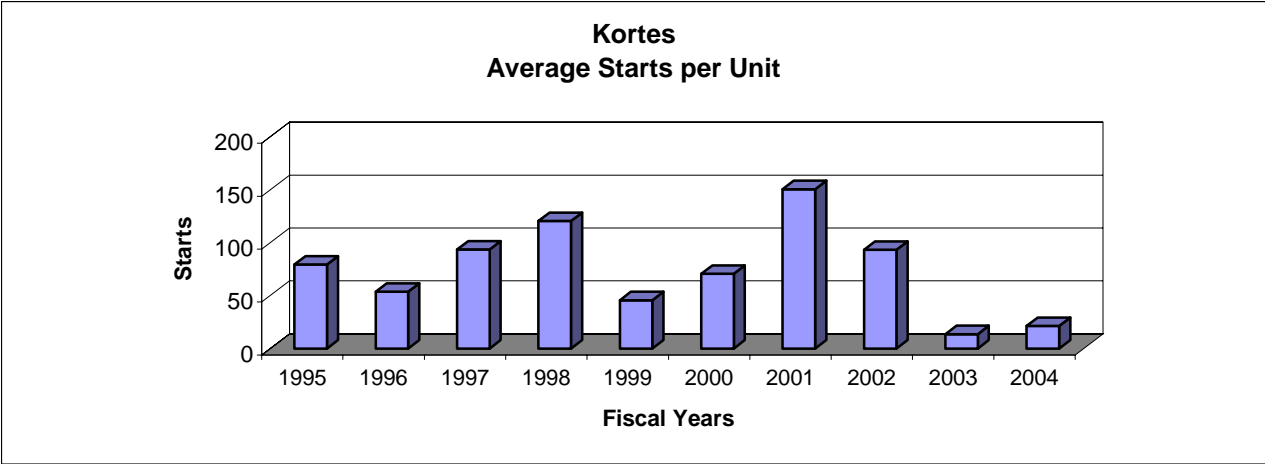


**Benchmark 7
Scheduled Outage Factor**



FY-94 - Governor replacement
FY-99 - Unit 2 transformer replaced.
FY-01 - Unit 1 transformer replaced

Starts



**Kortes Powerplant
30-100 MW**

Benchmark Data Comparison					
Fiscal Year 2004	Kortes Powerplant	Reclamation Average 30-100 MW Group	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	21.7	Not Applicable	*21.06	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	6.37%	Not Applicable	13.5%	Not Applicable	Not Applicable
O&M Cost \$/MWh	27.78	7.90	2.77	48.48	1.23
O&M Costs \$/MW	64,029.23	19,931.46	7,316.97	26,917.84	2,951.22
O&M Equip Work Year per MW	0.23	0.11	0.04	Not Available	0.000
Availability Factor	71.2	84.3	86.9	**89.2	99.97
Forced Outage Factor	1.6	0.5	0.7	**1.9	0.00
Scheduled Outage Factor	27.2	15.3	12.4	**8.9	0.02

*Weighted by Net Generation

**2003 NERC Average