

**Shoshone Powerplant
Pick-Sloan Missouri Basin Program**

Ancillary Services

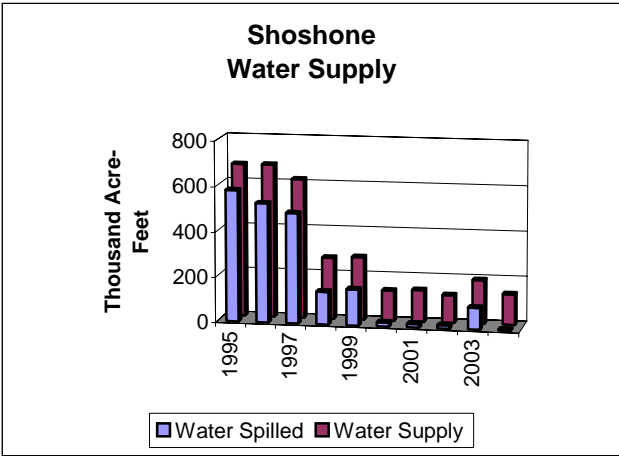
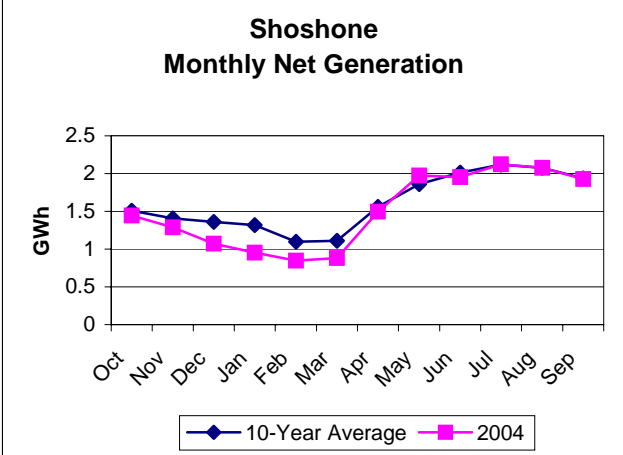
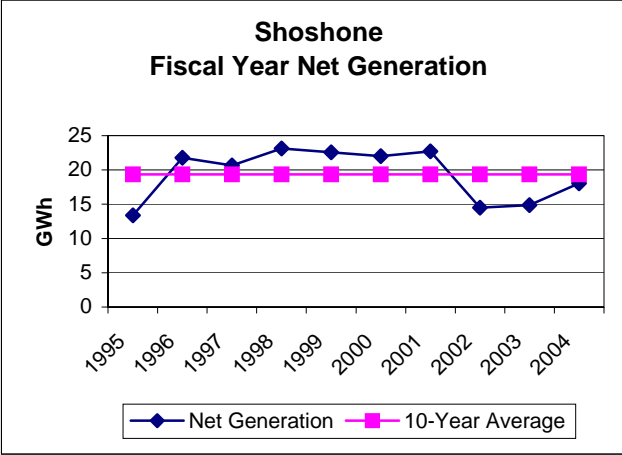
Shoshone Ancillary Services	
Spinning Reserve	No
Non-Spinning Reserve	No
Replacement Reserve	No
Regulation/Load Following	No
Black Start	No
Voltage Support	No

Generators

Shoshone Generators			
Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	800	0	Retired
2	800	0	Retired
3	4,000	0	Replaced
N3	0	3,000	3,000
1 Unit	5,600	3,000	3,000

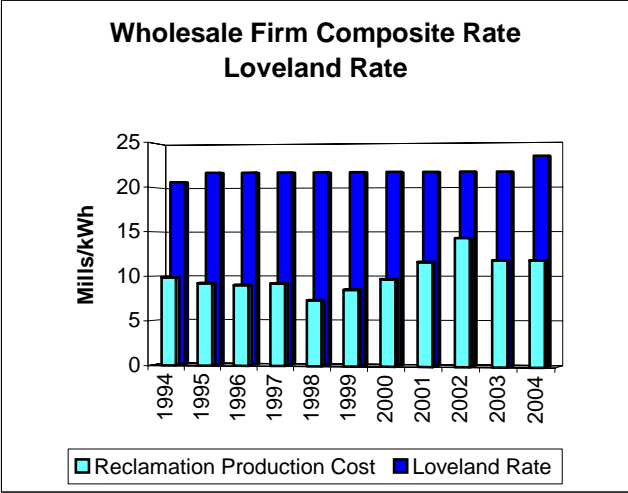
**Shoshone Powerplant
0-10 MW**

Generation

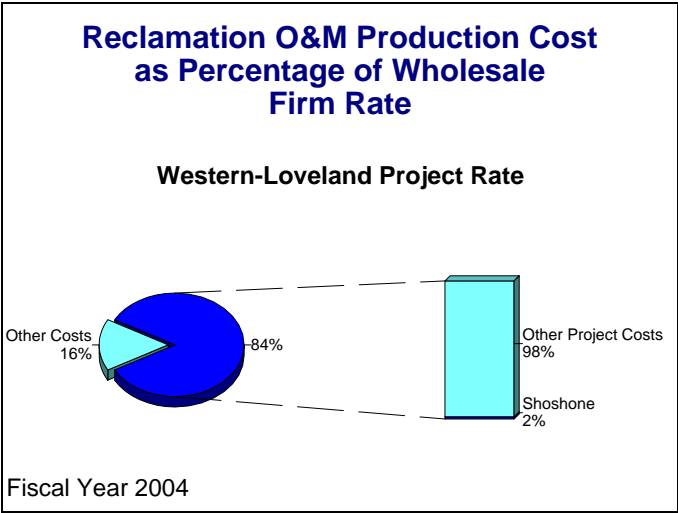


Prime Laboratory Benchmarks

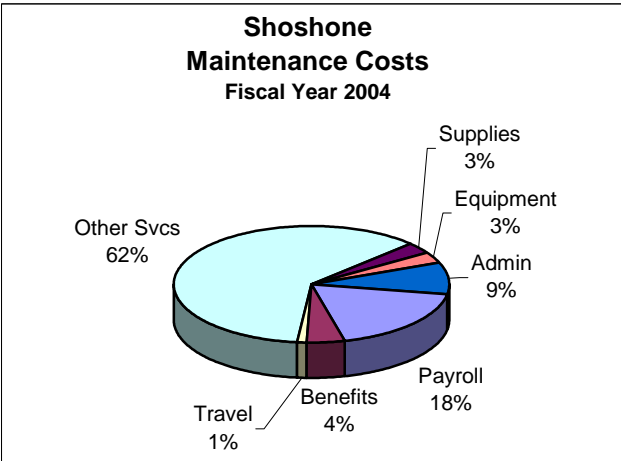
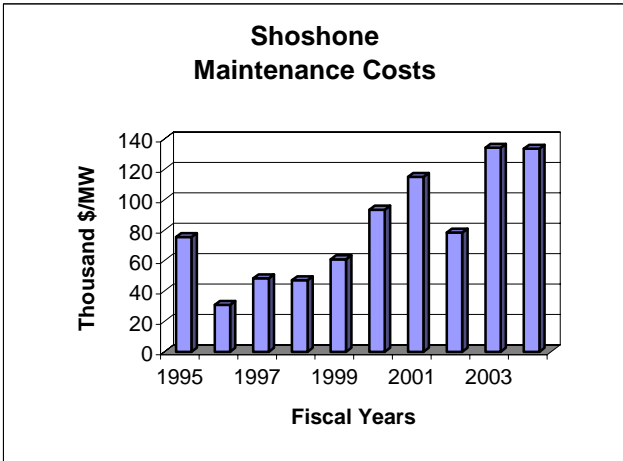
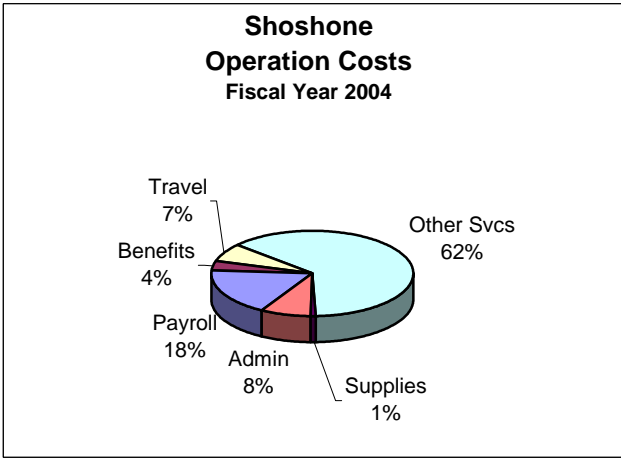
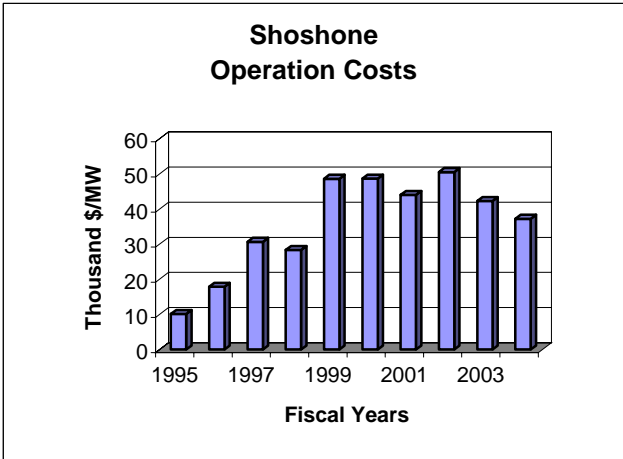
**Benchmark 1
Wholesale Firm Rate**



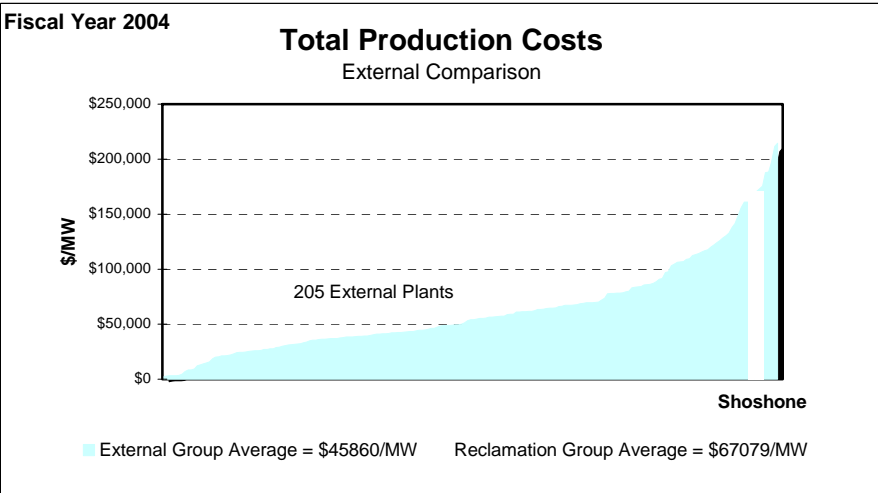
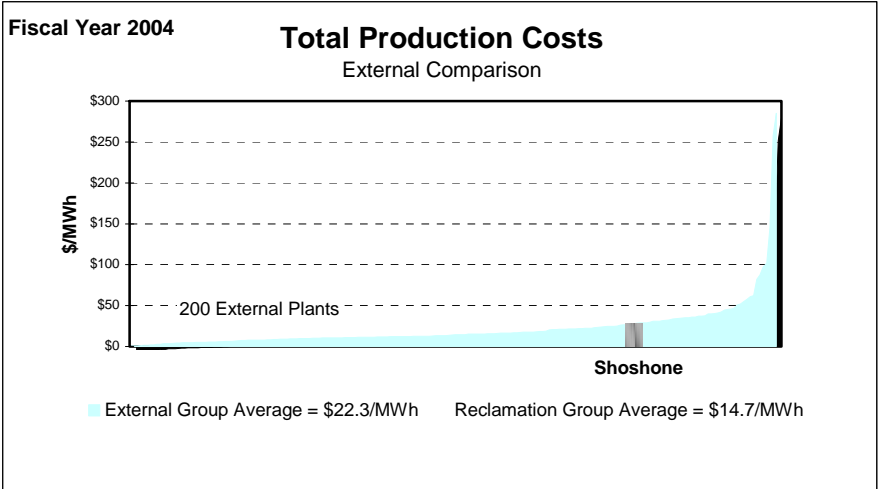
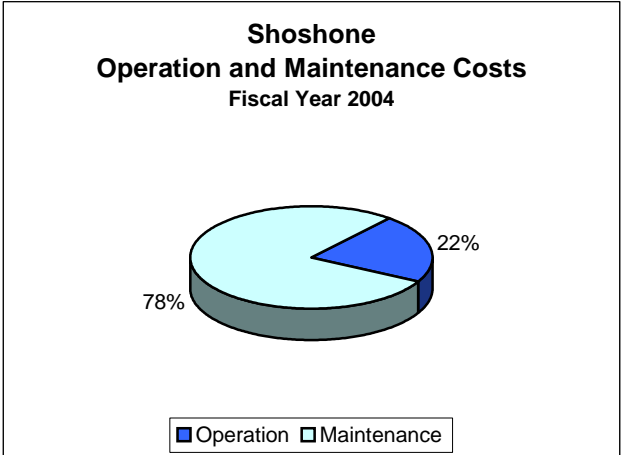
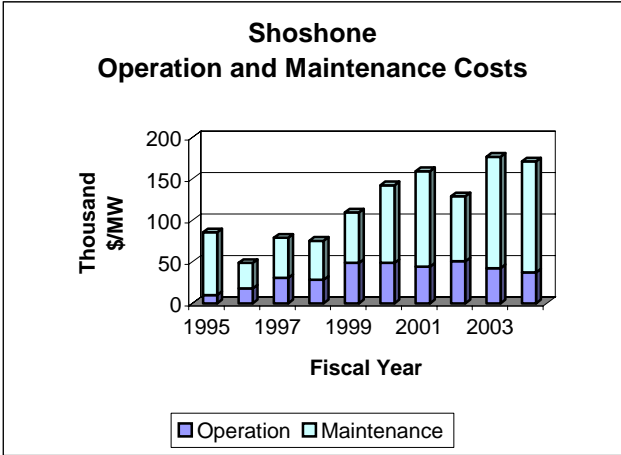
**Benchmark 2
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**



**Benchmark 3
Production Cost**

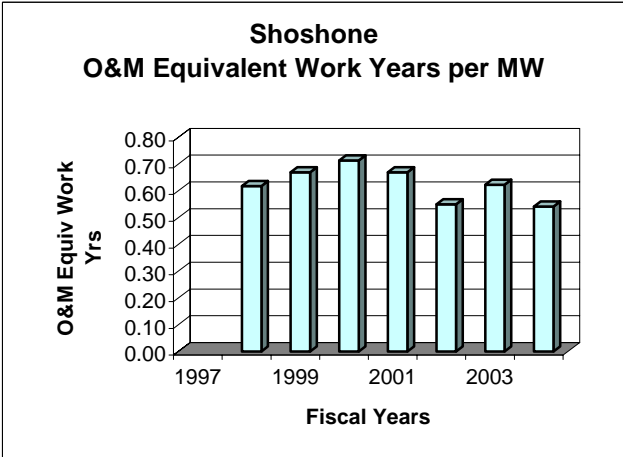
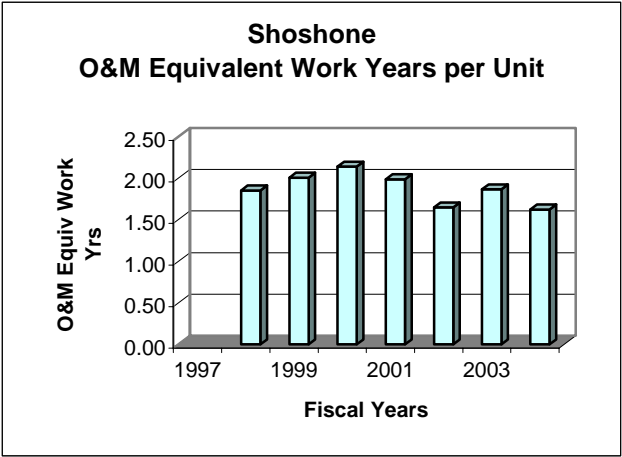
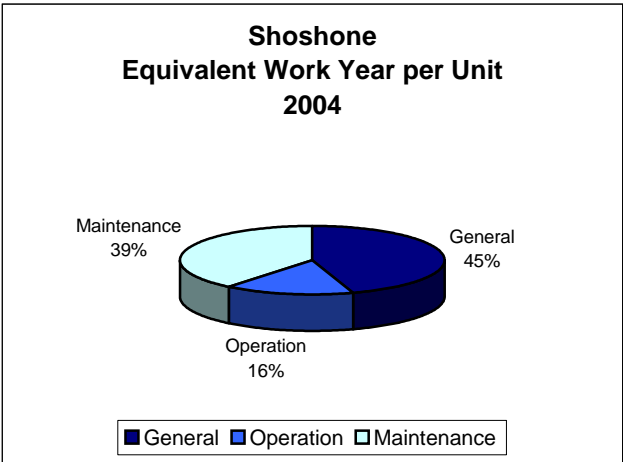
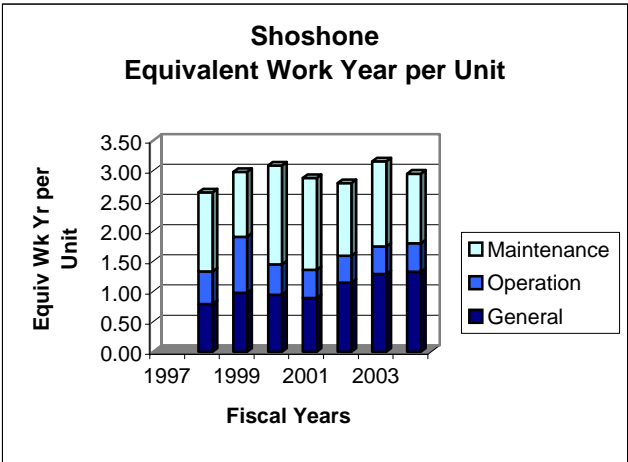


**Benchmark 3
Production Cost**



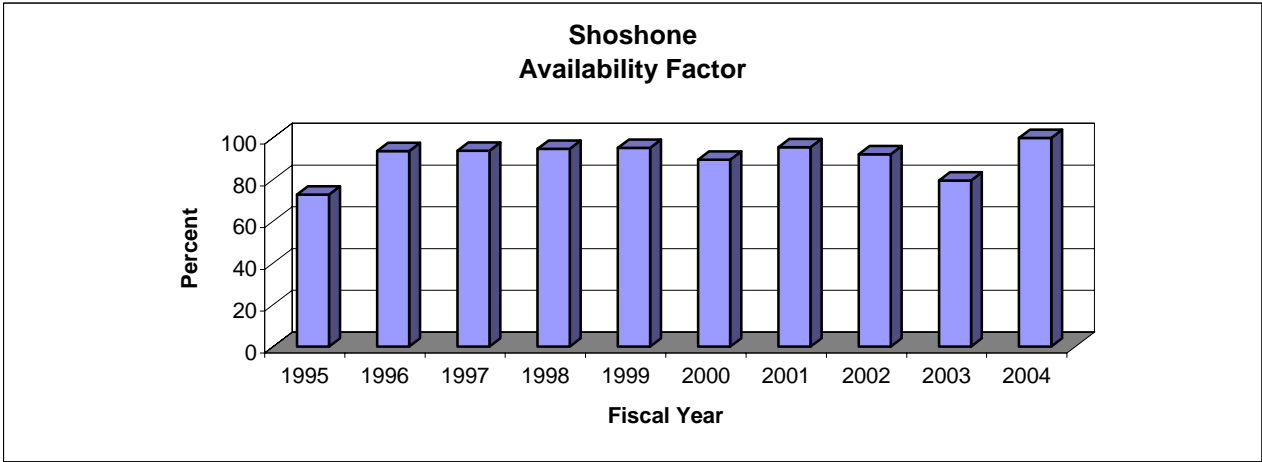
**Benchmark 4
Workforce Deployment**

Shoshone 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	1.17	0.14	0.02	1.33	1.33	0.44
Operation	0.42	0.05	0.00	0.47	0.47	0.16
Maintenance	1.03	0.12	0.00	1.15	1.15	0.38
Total Staffing	2.63	0.30	0.02	2.95	2.95	0.98

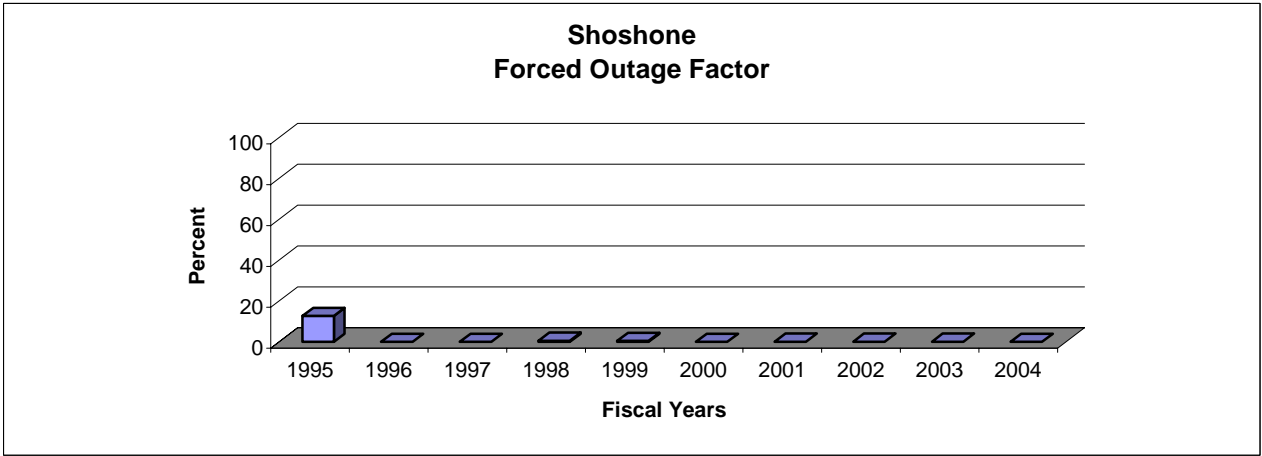


Distributive Accounts not available for FY-97

**Benchmark 5
Availability Factor**

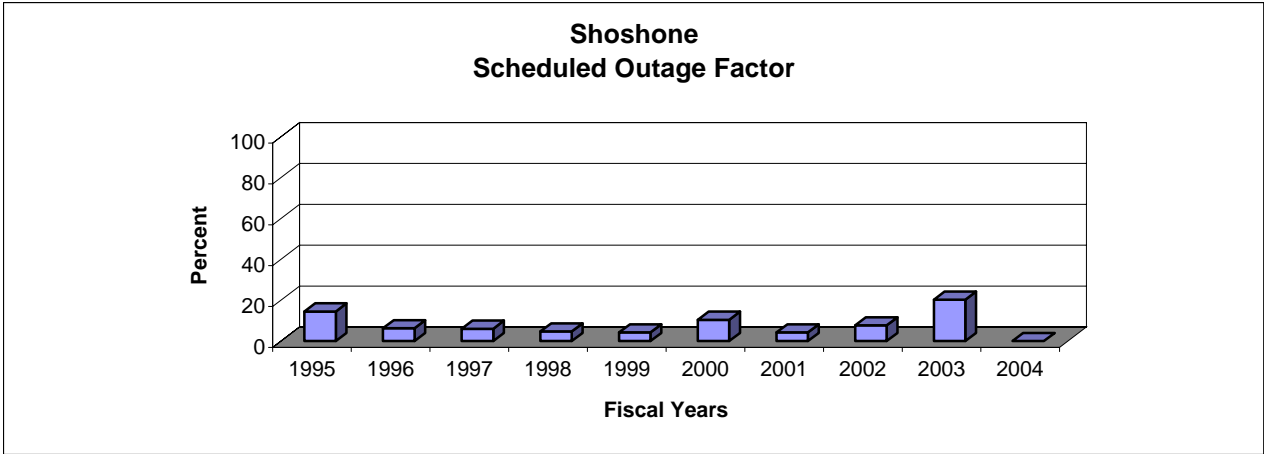


**Benchmark 6
Forced Outage Factor**



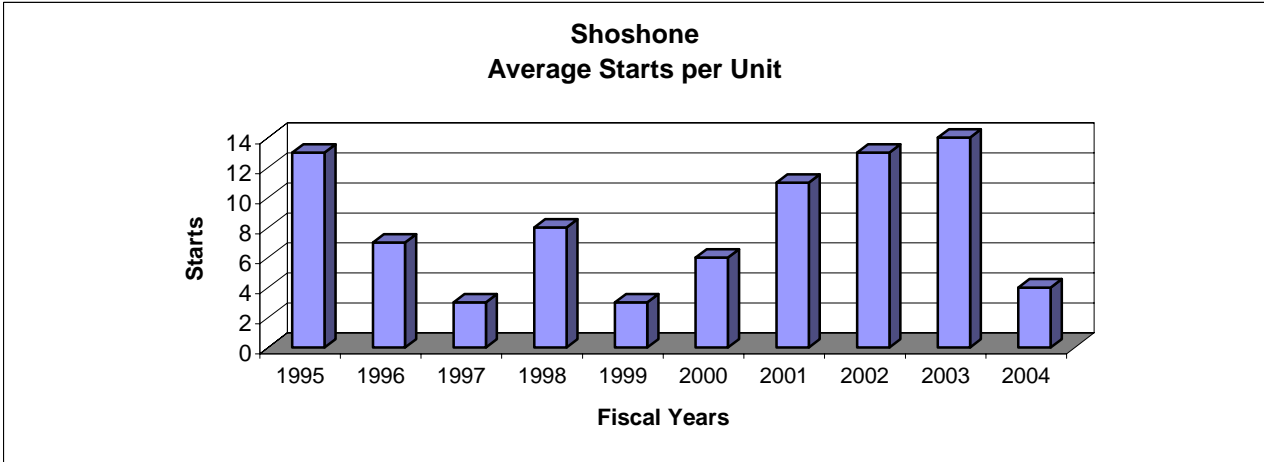
FY-95 - Excessive wicket gate leakage and field ground

**Benchmark 7
Scheduled Outage Factor**



FY-95 – Extended maintenance
FY 03 – Contract repairs to draft tube.

Starts



**Shoshone Powerplant
0-10 MW**

Benchmark Data Comparison					
Fiscal Year 2004	Shoshone Powerplant	Reclamation Average 0-10 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	1.4%	Not Applicable	13.5%	Not Applicable	Not Applicable
O&M Cost \$/MWh	28.42	13.22	2.77	22.26	1.23
O&M Costs \$/MW	170,907.44	50,983.34	7,316.97	67,421.22	2,951.22
O&M Equip Work Year per MW	0.54	0.41	0.04	Not Available	0.000
Availability Factor	79.7	92.33	86.9	**89.2	99.97
Forced Outage Factor	0.1	0.29	0.7	**1.9	0.00
Scheduled Outage Factor	20.3	7.39	12.4	**8.9	0.02

*Weighted by Net Generation

**2003 NERC Average