

Spirit Mountain Powerplant Pick-Sloan Missouri Basin Program

Ancillary Services

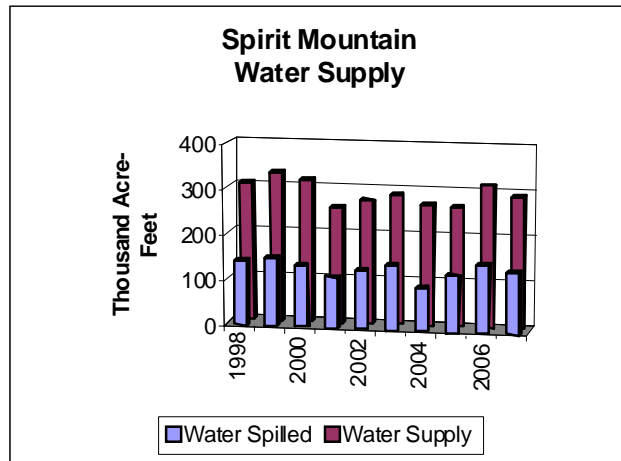
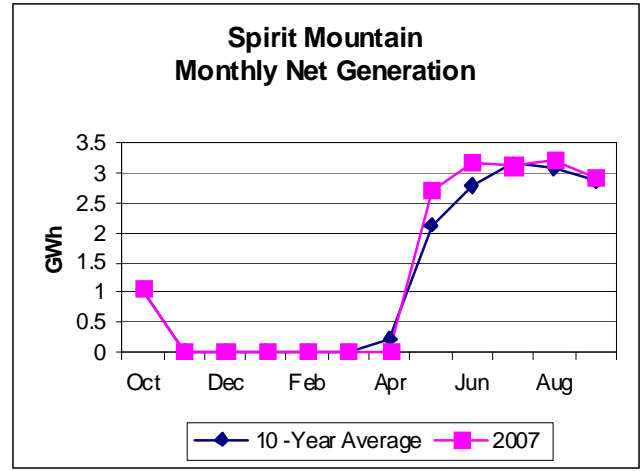
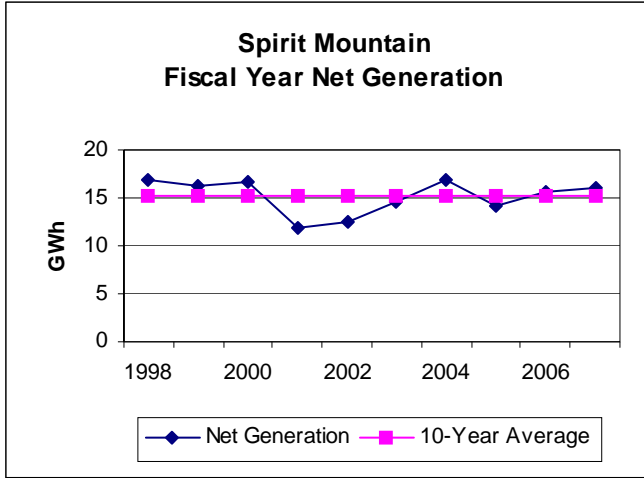
Spirit Mountain Ancillary Services	
Spinning Reserve	No
Non-Spinning Reserve	No
Replacement Reserve	No
Regulation/Load Following	No
Black Start	No
Voltage Support	No

Generators

Spirit Mountain Generators			
Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	4,500	-	4,500
1 Unit	4,500	-	4,500

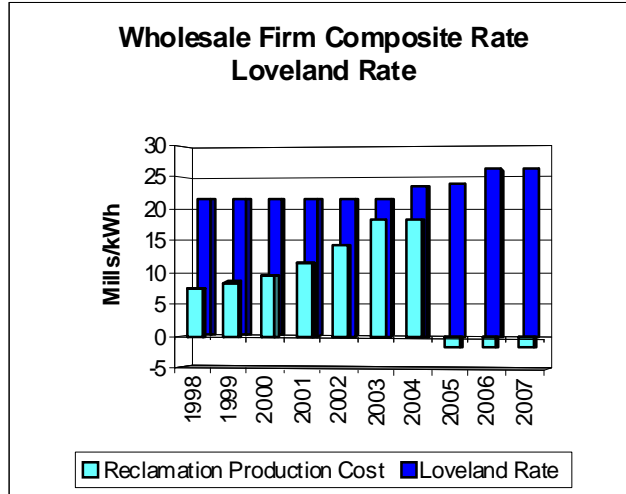
Spirit Mountain Powerplant
Other

Generation

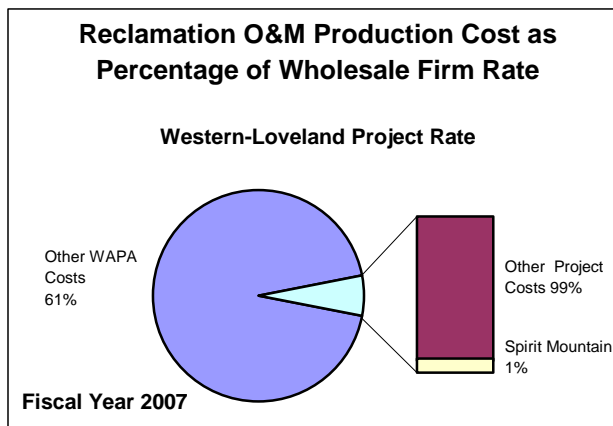


Prime Laboratory Benchmarks

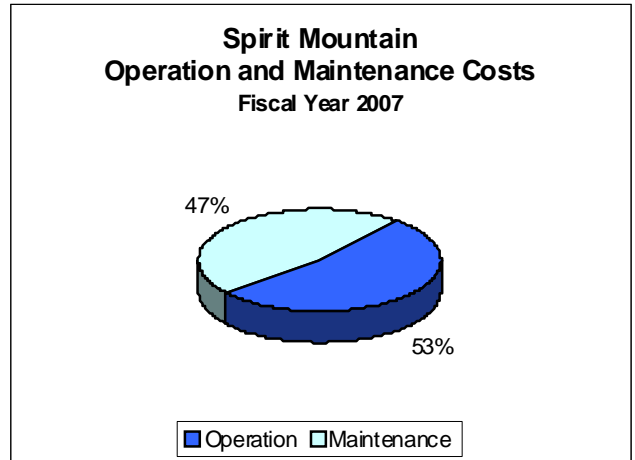
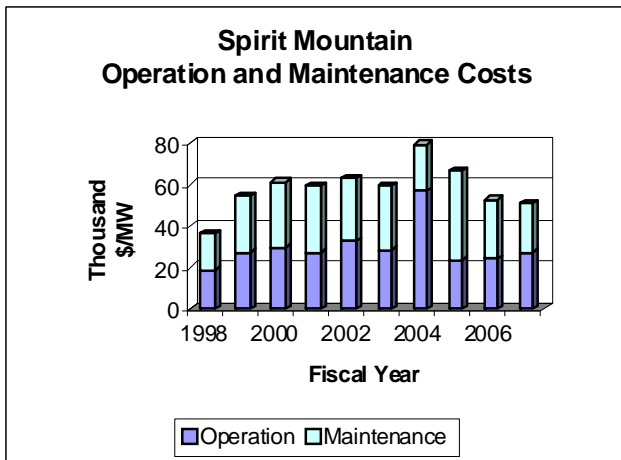
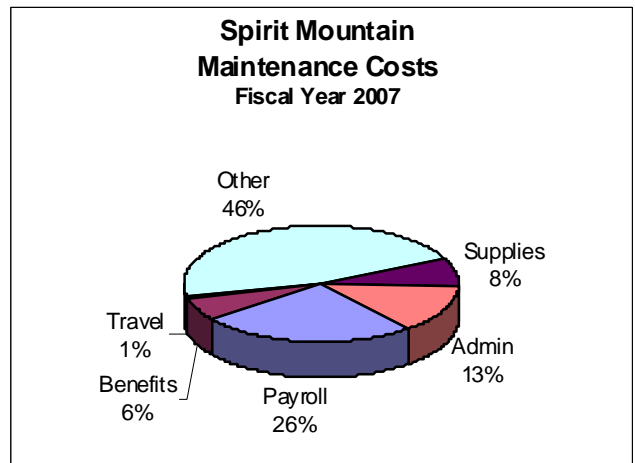
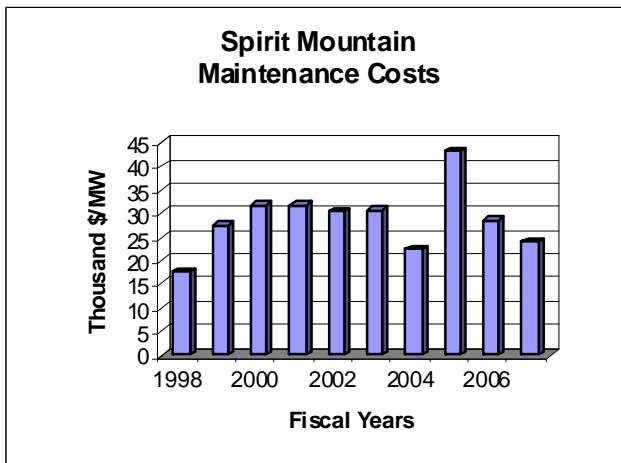
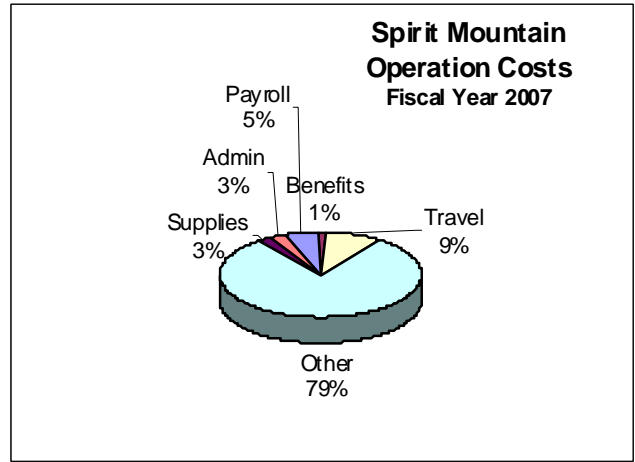
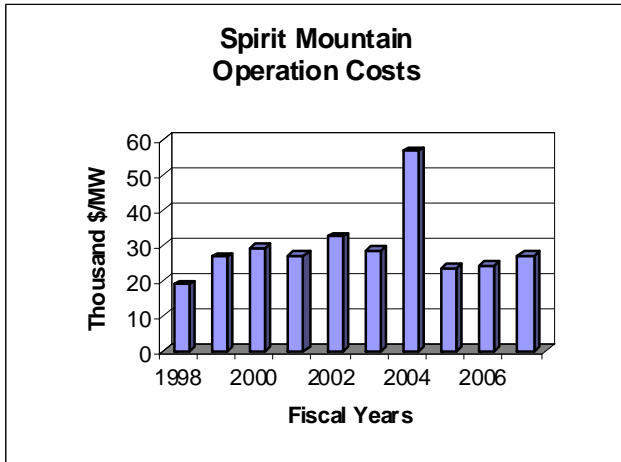
**Benchmark 1
Wholesale Firm Rate**



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

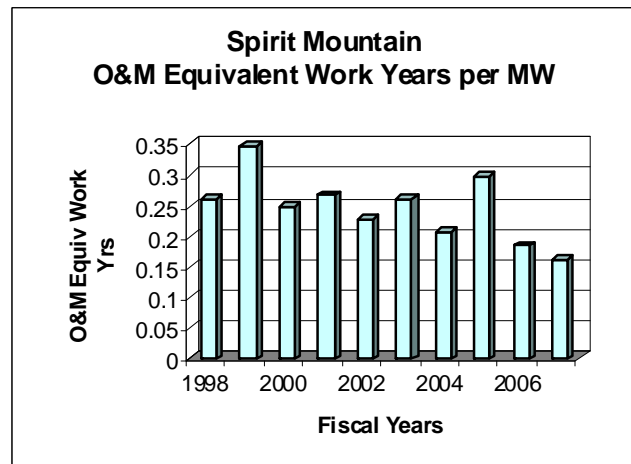
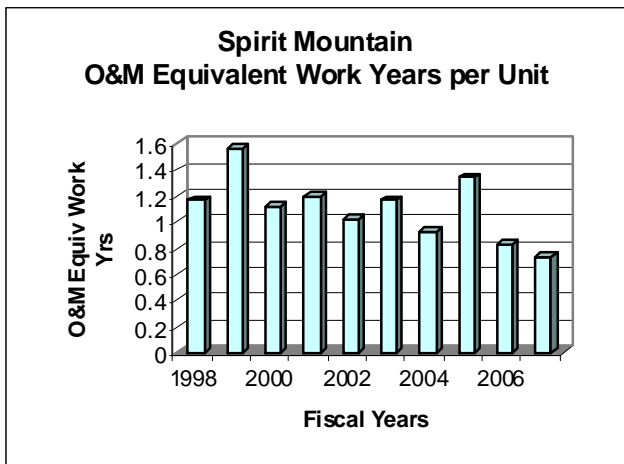
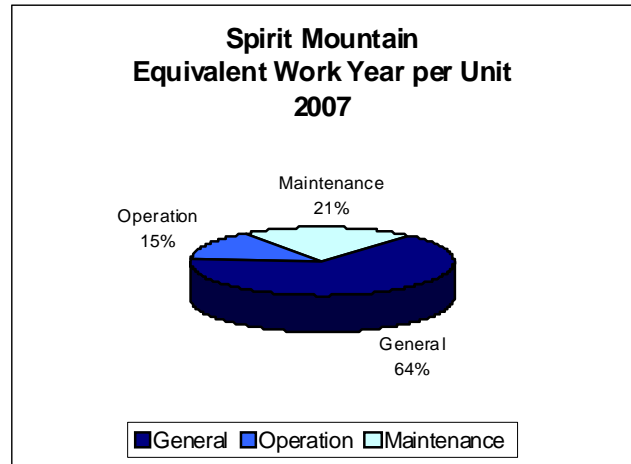
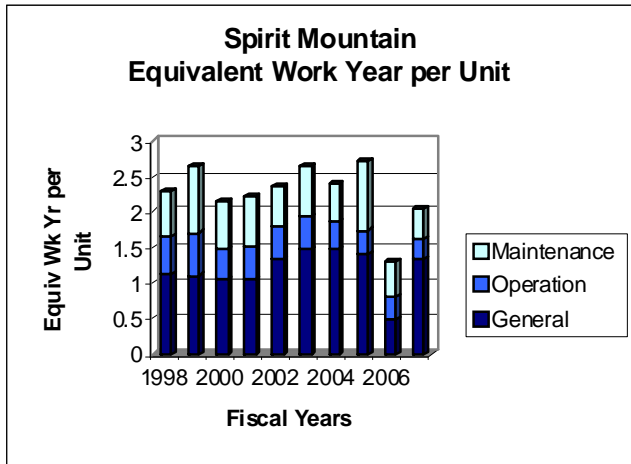


**Benchmark 3
Production Cost**

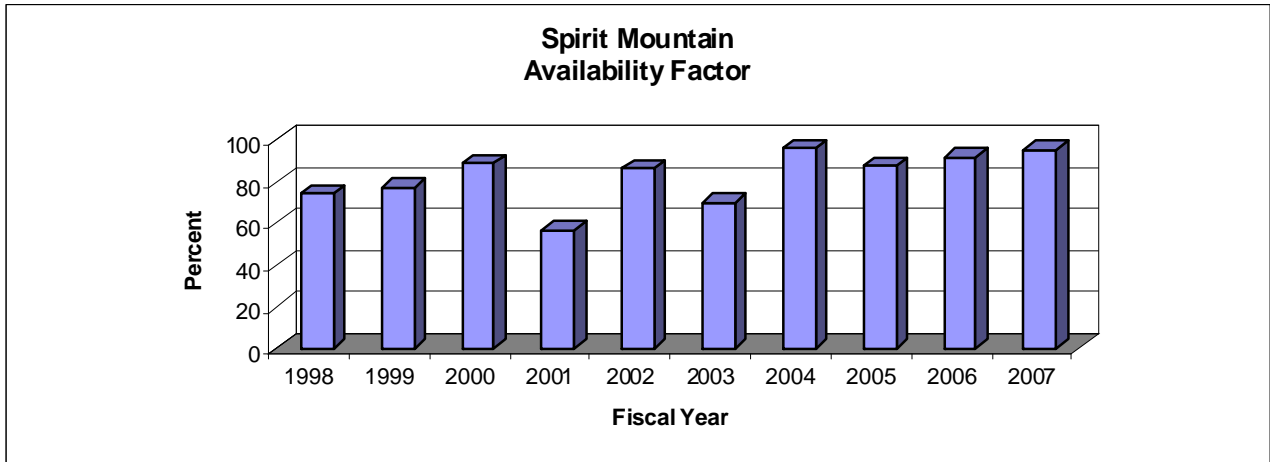


**Benchmark 4
Workforce Deployment**

Spirit Mountain FY 2007 Equivalent Work Staffing Year Levels						
	Equivalent Work Year Staffing Charged to Powerplant	Leave Additive	Denver and Washington Equivalent Work Year Staffing Additive	Total Equivalent Work Year Allocated to Powerplant	Total Equivalent Staffing Work Year per Generating Unit	Total Equivalent Work Year Staffing per Megawatt
General	1.18	0.13	0.02	1.33	1.33	0.30
Operation	0.27	0.03	0.00	0.30	0.30	0.07
Maintenance	0.39	0.04	0.00	0.43	0.43	0.10
Total Staffing	1.84	0.21	0.02	2.06	2.06	0.46

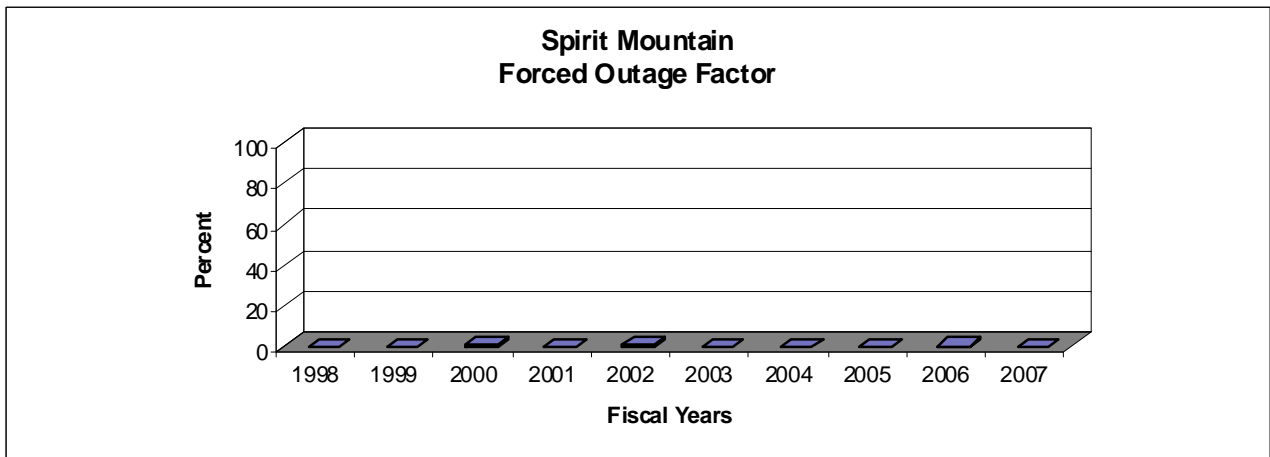


**Benchmark 5
Availability Factor**

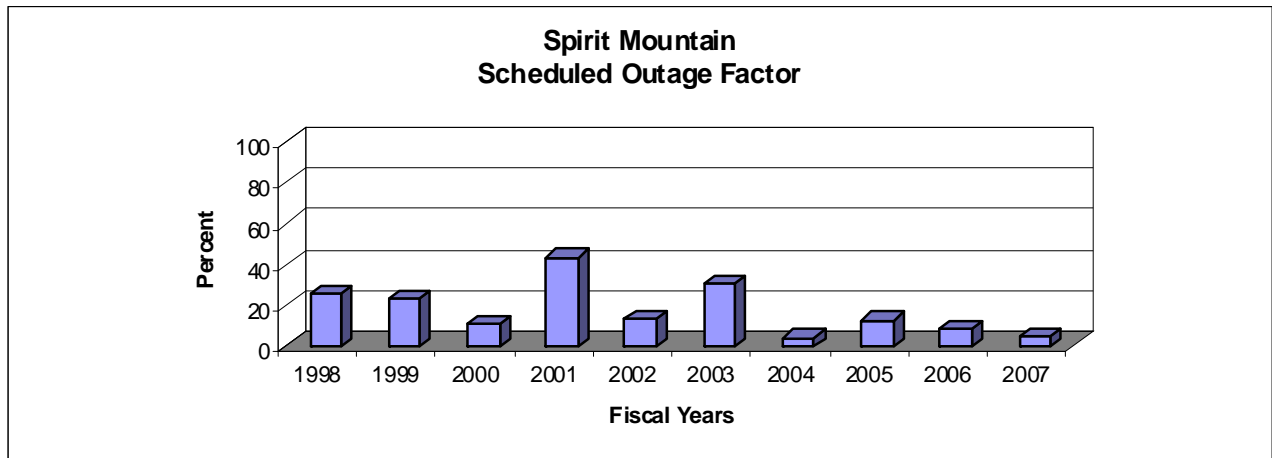


FY-01-Extended outages due to coating repairs in the Buffalo Bill penstock and to the sleeve valves.

**Benchmark 6
Forced Outage Factor**



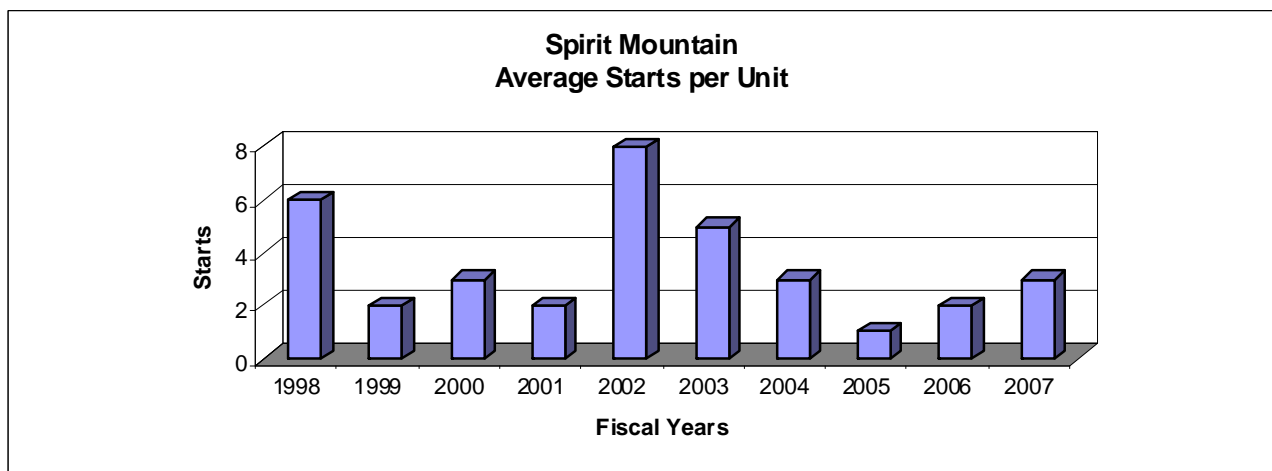
**Benchmark 7
Scheduled Outage Factor**



FY-01 – Extended outages due to coating repairs in the Buffalo Bill penstock and to the sleeve valves.

FY 03 – Extensive packing box repairs and replacement of failed and disconnected switch.

Starts



Benchmark Data Comparison				
Fiscal Year 2007	Spirit Mountain Powerplant	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	23.9	*22.45	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	0.5%	12.1%	Not Applicable	Not Applicable
O&M Cost \$/MWh	14.24	2.76	Not Applicable	1.00
O&M Costs \$/MW	51,068	7,847	Not Applicable	2,897
O&M Equip Work Year per MW	0.16	0.03	Not Available	0.0
Availability Factor	95.23	82.3	**88.64	98.5
Forced Outage Factor	0.00	2.6	**2.61	0.0
Scheduled Outage Factor	4.77	15.1	**8.74	0.0

*Weighted by Net Generation

**2006 NERC Average