

Marys Lake Powerplant Colorado-Big Thompson Project

Ancillary Services

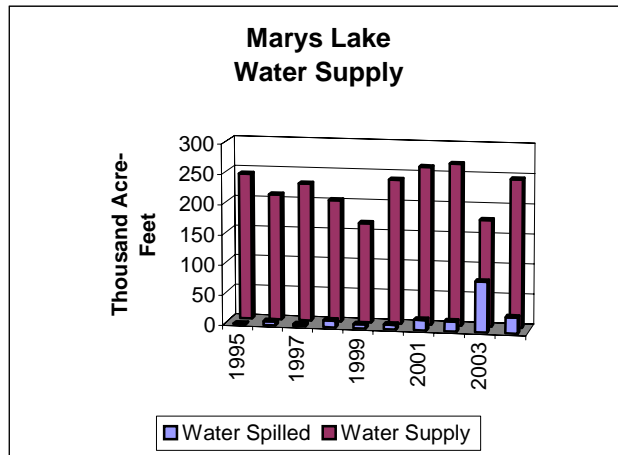
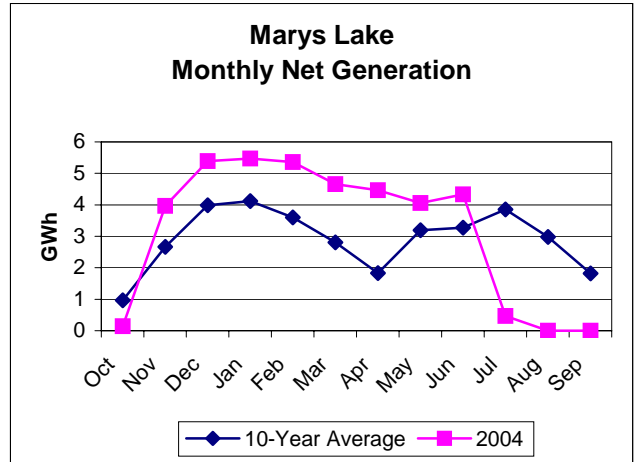
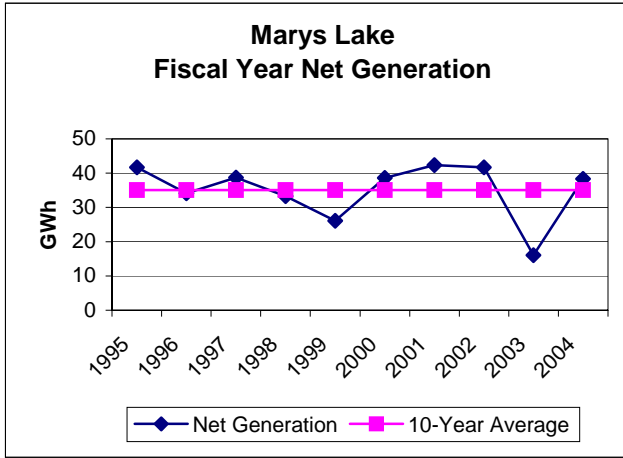
Marys Lake Ancillary Services	
Spinning Reserve	No
Non-Spinning Reserve	No
Replacement Reserve	No
Regulation/Load Following	No
Black Start	Yes
Voltage Support	Yes

Generators

Marys Lake Generators Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	8,100	0	8,100
1 Unit	8,100	0	8,100

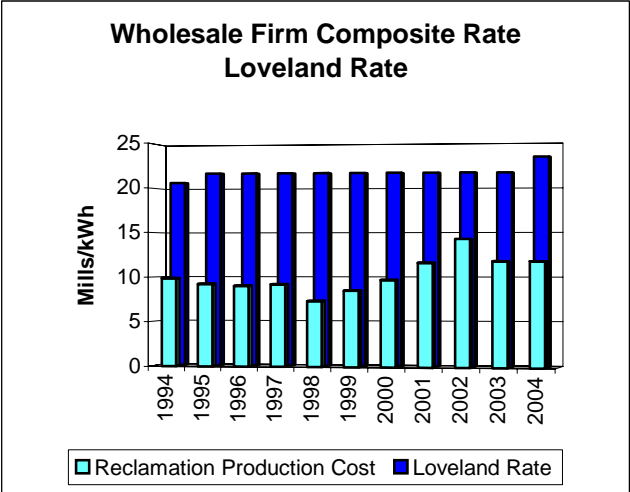
**Marys Lake Powerplant
0-10 MW**

Generation

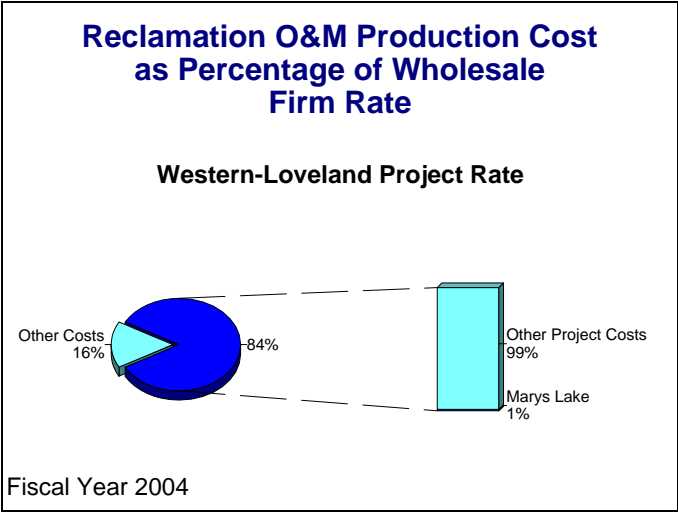


Prime Laboratory Benchmarks

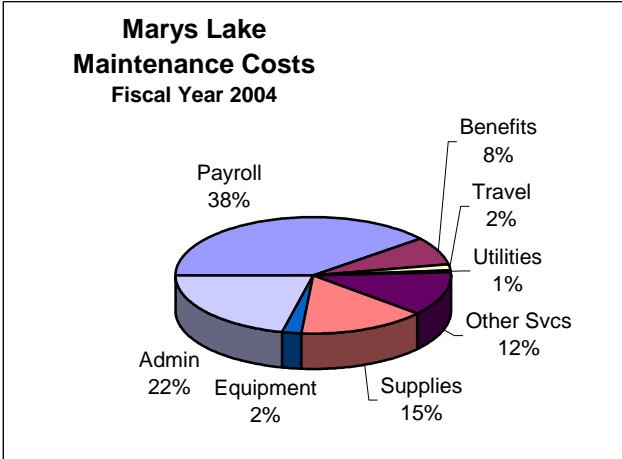
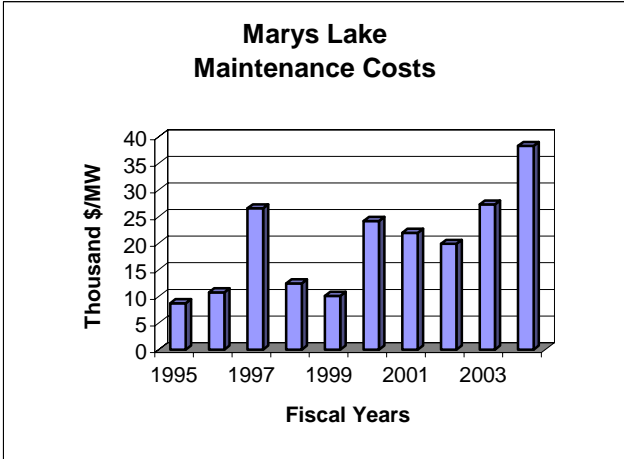
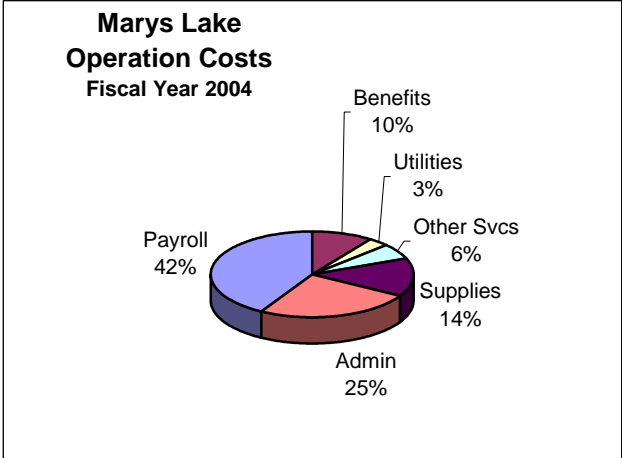
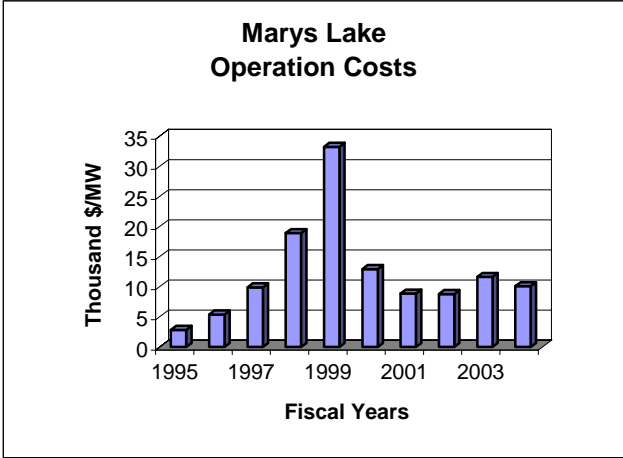
Benchmark 1
Wholesale Firm Rate



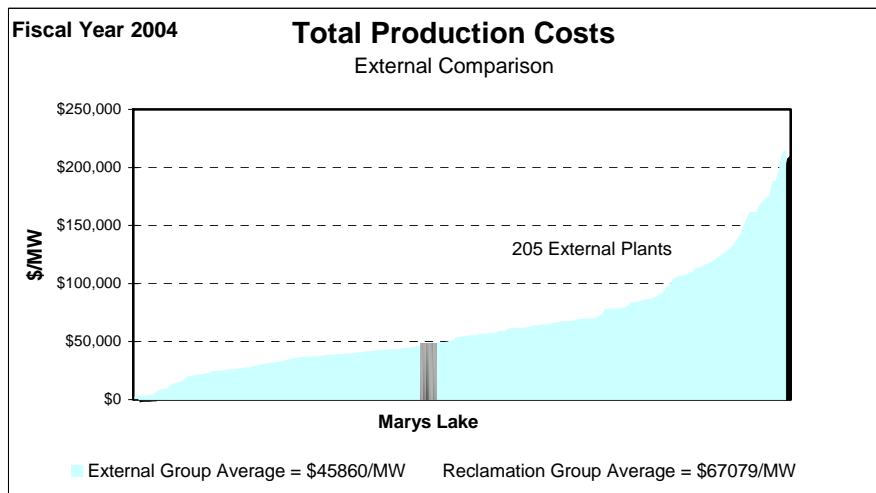
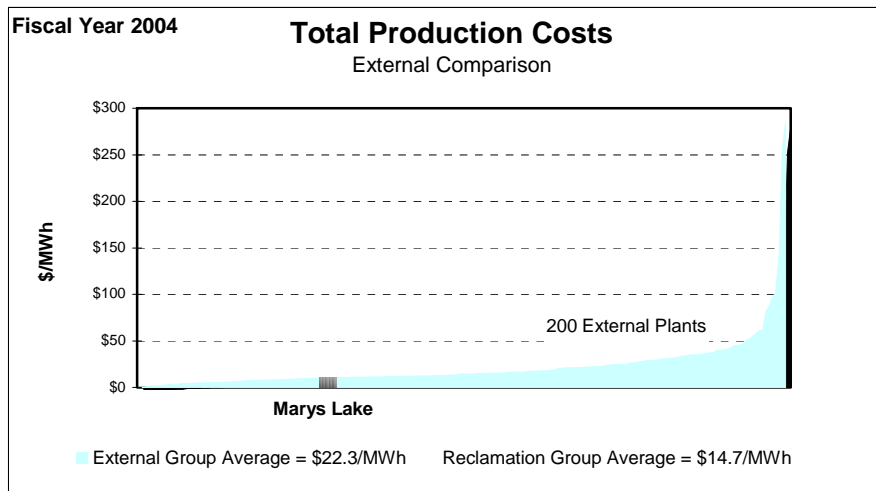
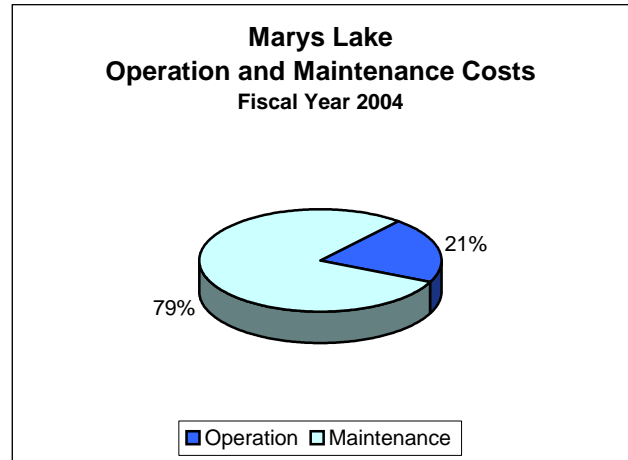
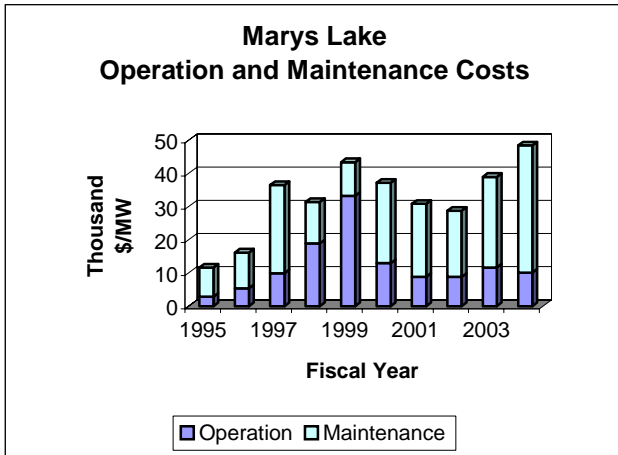
Benchmark 2
Reclamation's Production Cost as Percentage of Wholesale Firm Rate



Benchmark 3
Production Cost



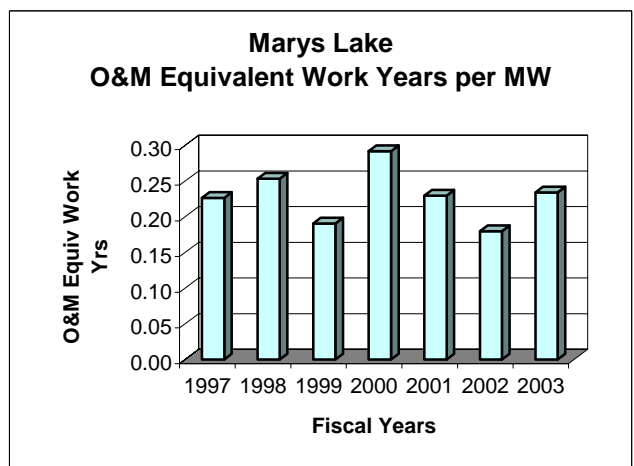
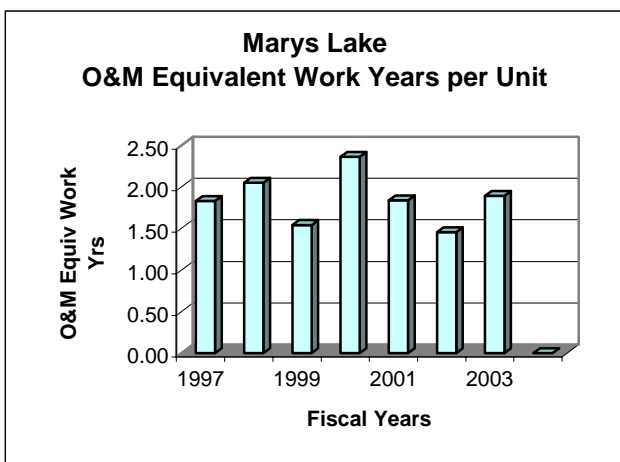
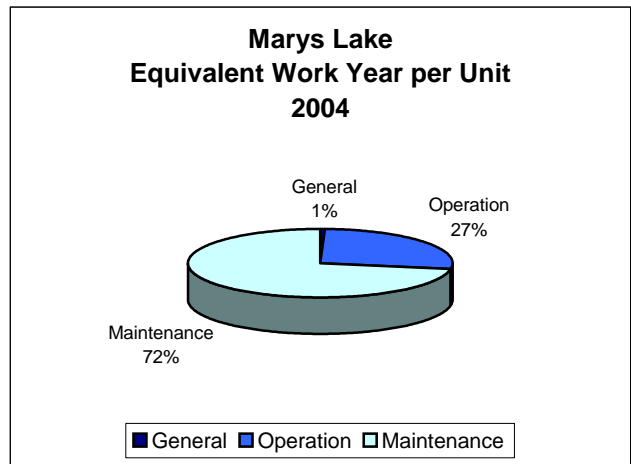
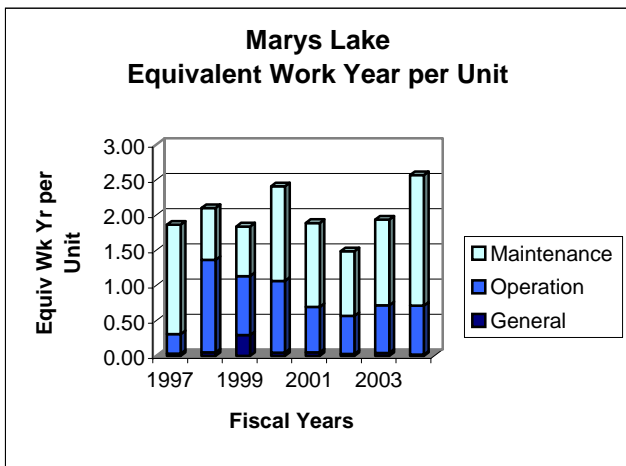
**Benchmark 3
Production Cost**



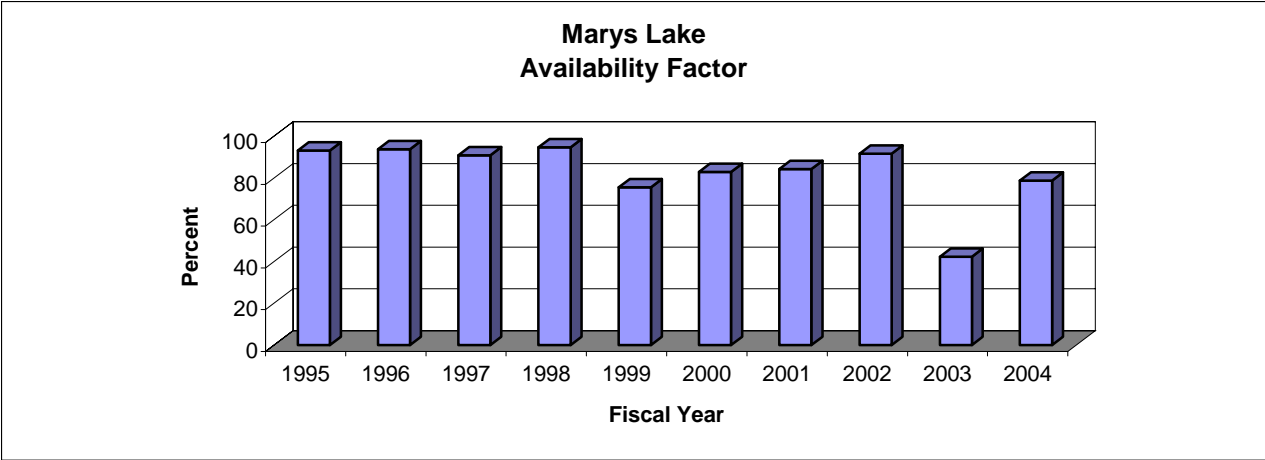
Benchmark 4

Workforce Deployment

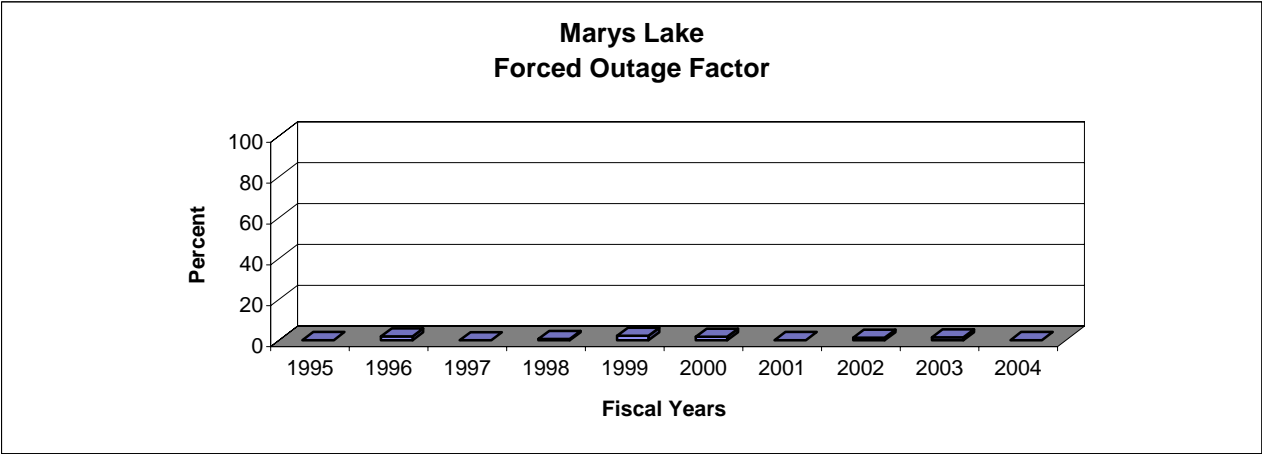
Marys Lake 2004 Equivalent Work Year Levels						
	Equip Work Year Charged to Powerplant	Leave Additive	Denver and Washington Equip Work Year Additive	Total Equip Work Year Allocated to Powerplant	Total Equip Work Year per Generating Unit	Total Equip Work Year per Megawatt
General	0.02	0.00	0.00	0.02	0.02	0.00
Operation	0.62	0.07	0.00	0.70	0.70	0.09
Maintenance	1.66	0.19	0.00	1.85	1.85	0.23
Total Staffing	2.30	0.27	0.00	2.57	2.57	0.32



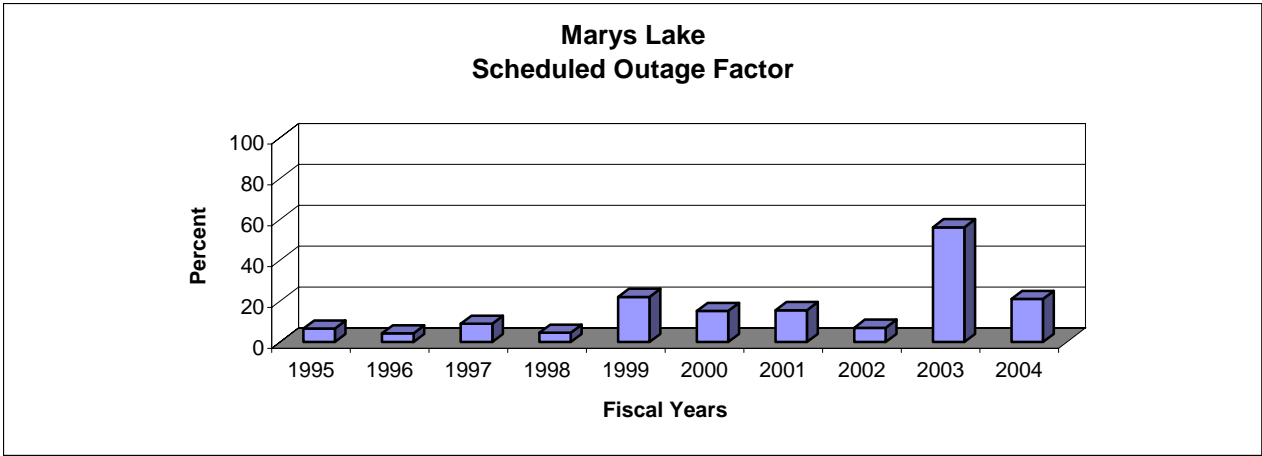
**Benchmark 5
Availability Factor**



**Benchmark 6
Forced Outage Factor**

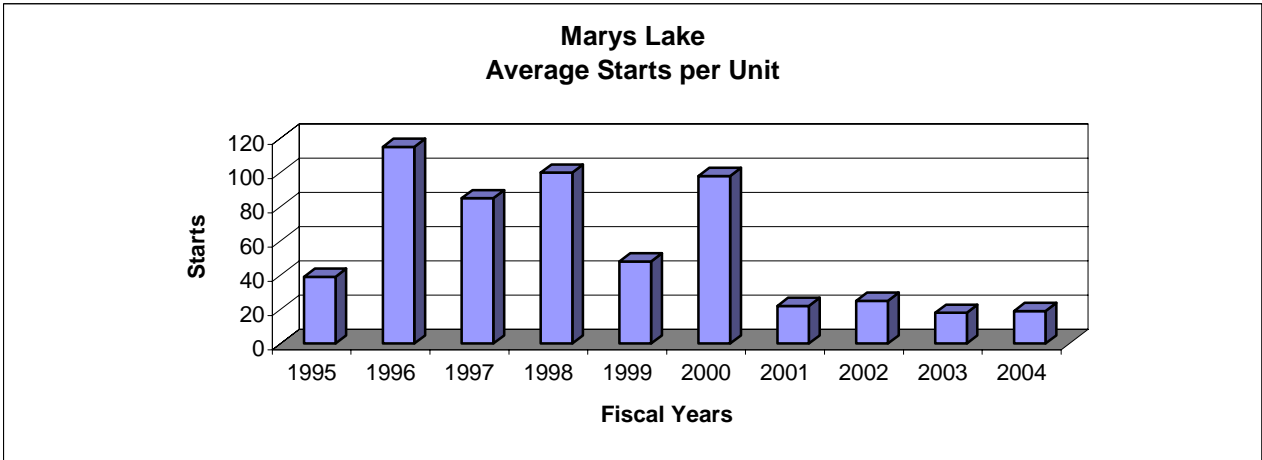


**Benchmark 7
Scheduled Outage Factor**



FY-94 - Rewire controls and cooling water piping

Starts



**Marys Lake Powerplant
0-10 MW**

Benchmark Data Comparison					
Fiscal Year 2004	Marys Lake 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	1.1%	Not Applicable	13.5%	Not Applicable	Not Applicable
O&M Cost \$/MWh	10.24	13.22	2.77	22.26	1.23
O&M Costs \$/MW	48,418.35	50,983.34	7,316.97	67,421.22	2,951.22
O&M Equip Work Year per MW	0.00	0.40	0.04	Not Available	0
Availability Factor	78.8	92.3	86.9	**89.2	99.96983495
Forced Outage Factor	0.1	0.3	0.7	**1.9	0.00
Scheduled Outage Factor	21.1	7.4	12.4	**8.9	0.02

*Weighted by Net Generation

**2003 NERC Average