

Marys Lake Powerplant Colorado-Big Thompson Project

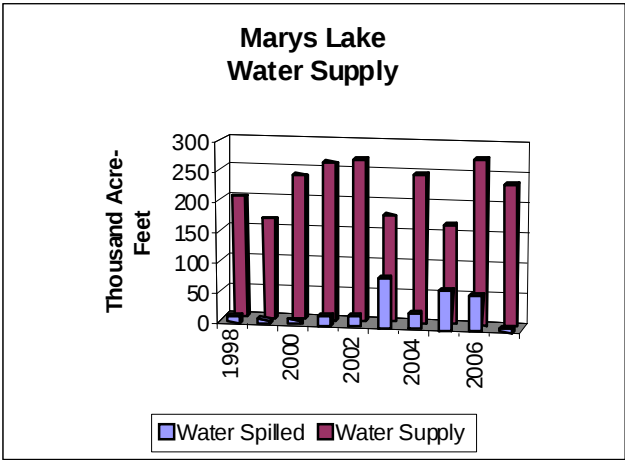
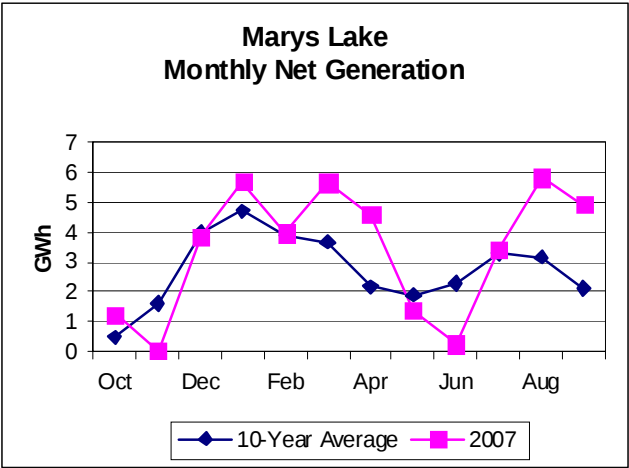
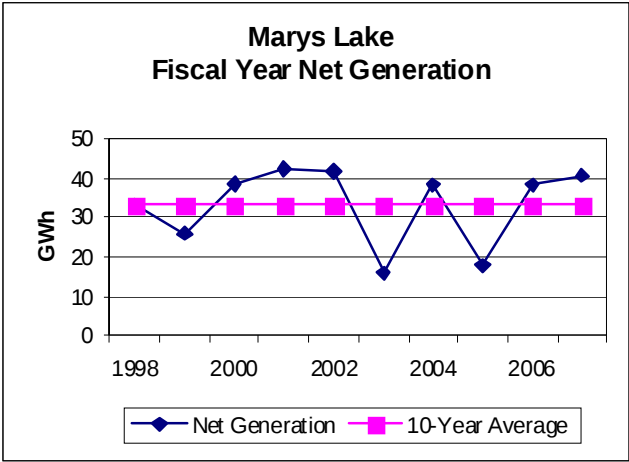
Ancillary Services

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

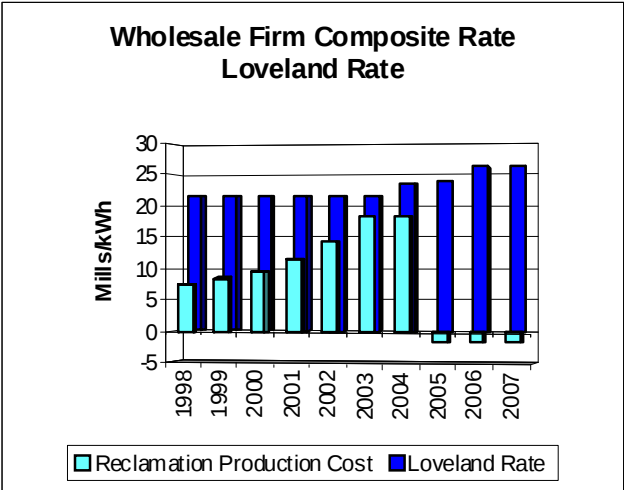
Marys Lake Generators			
Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	8,100	-	8,100
1 Unit	8,100	-	8,100

Generation

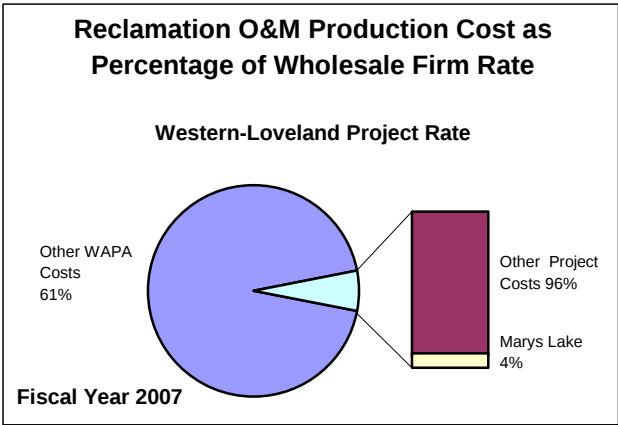


Prime Laboratory Benchmarks

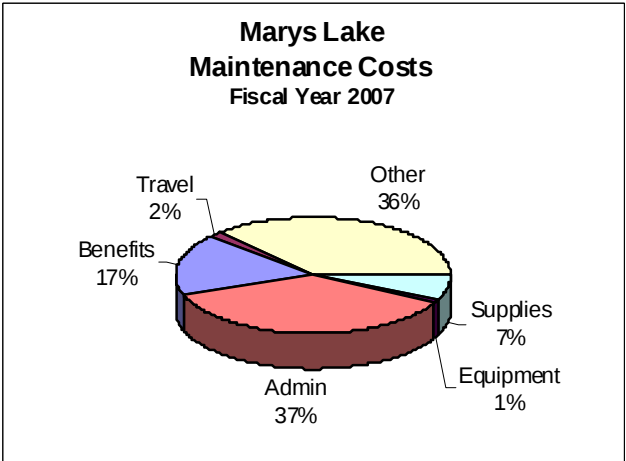
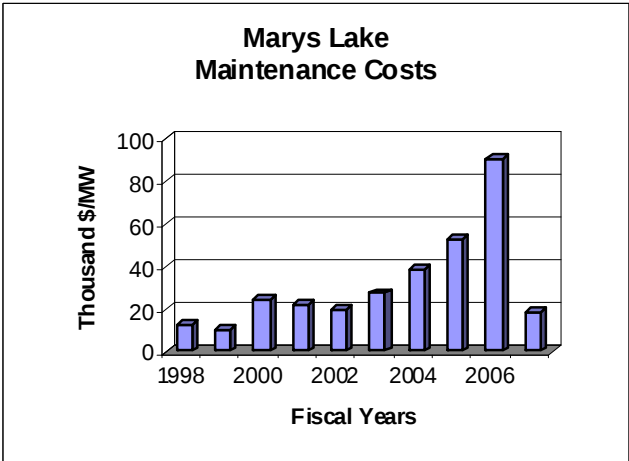
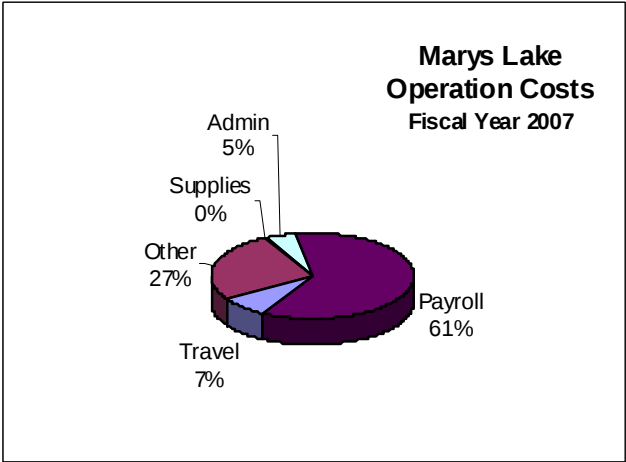
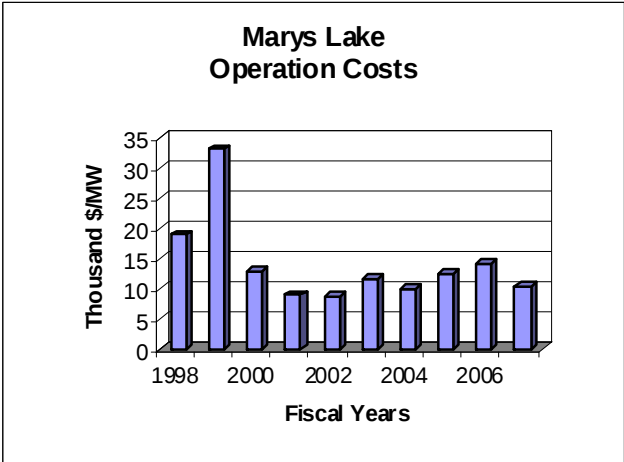
Benchmark 1
Wholesale Firm Rate



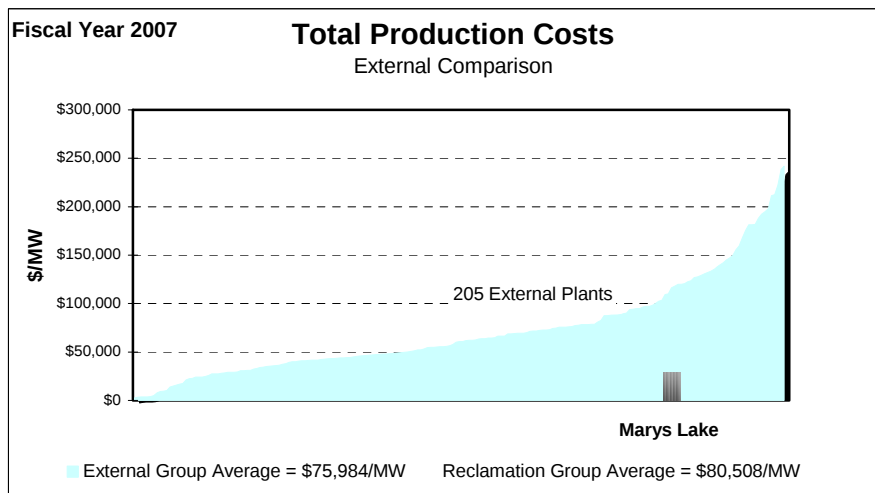
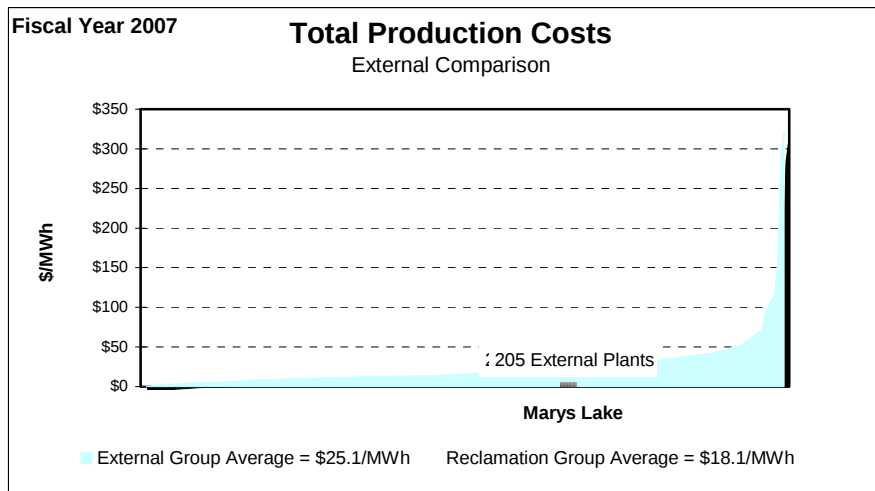
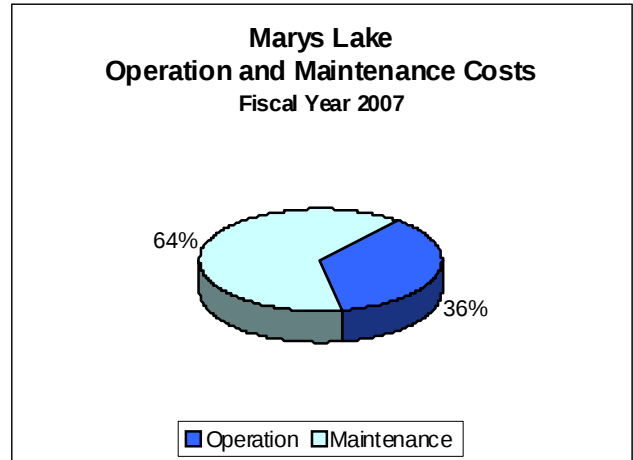
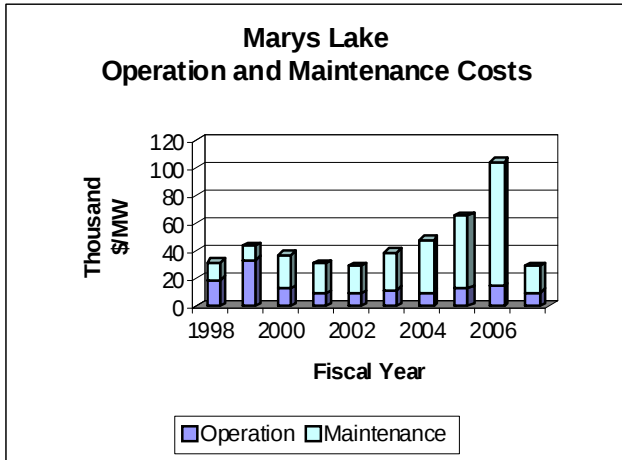
Benchmark 2
Reclamation’s Production Costs as Percentage of Wholesale Firm Rate



Benchmark 3
Production Costs



**Benchmark 3
Production Costs**

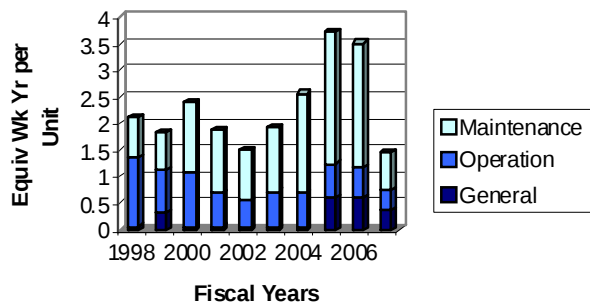


Benchmark 4

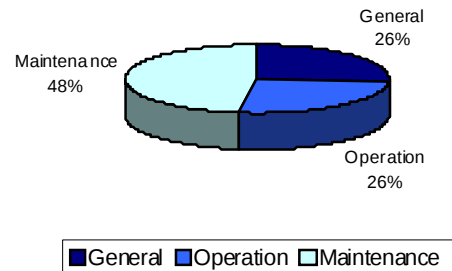
Workforce Deployment

Marys Lake 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	0.01	0.00	0.02	0.03	0.03	0.00
Operation	0.52	0.06	0.00	0.58	0.58	0.07
Maintenance	2.13	0.22	0.00	2.36	2.36	0.29
Total Staffing	2.67	0.28	0.02	2.97	2.97	0.37

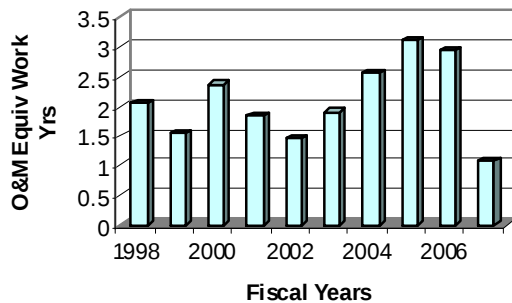
Marys Lake
Equivalent Work Year per Unit



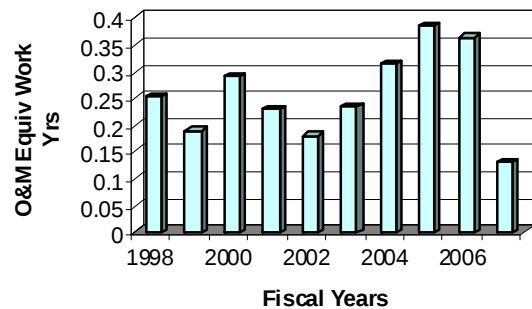
Marys Lake
Equivalent Work Year per Unit
2007



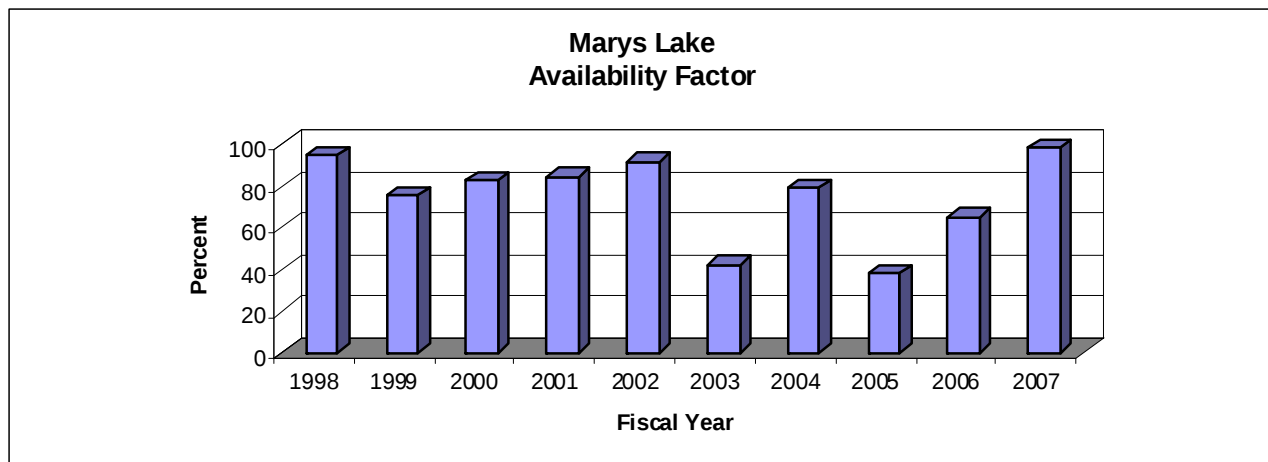
Marys Lake
O&M Equivalent Work Years per Unit



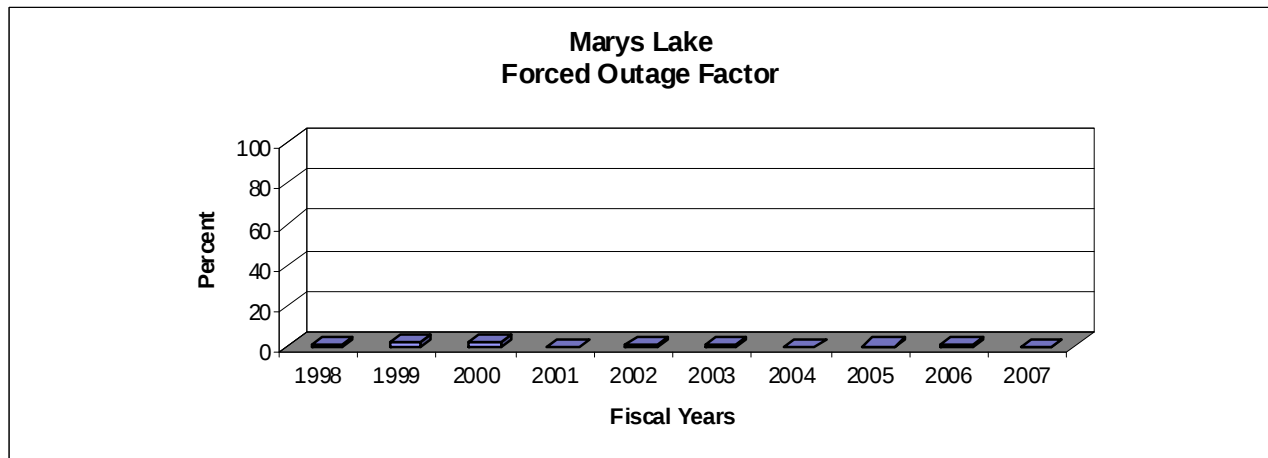
Marys Lake
O&M Equivalent Work Years per MW



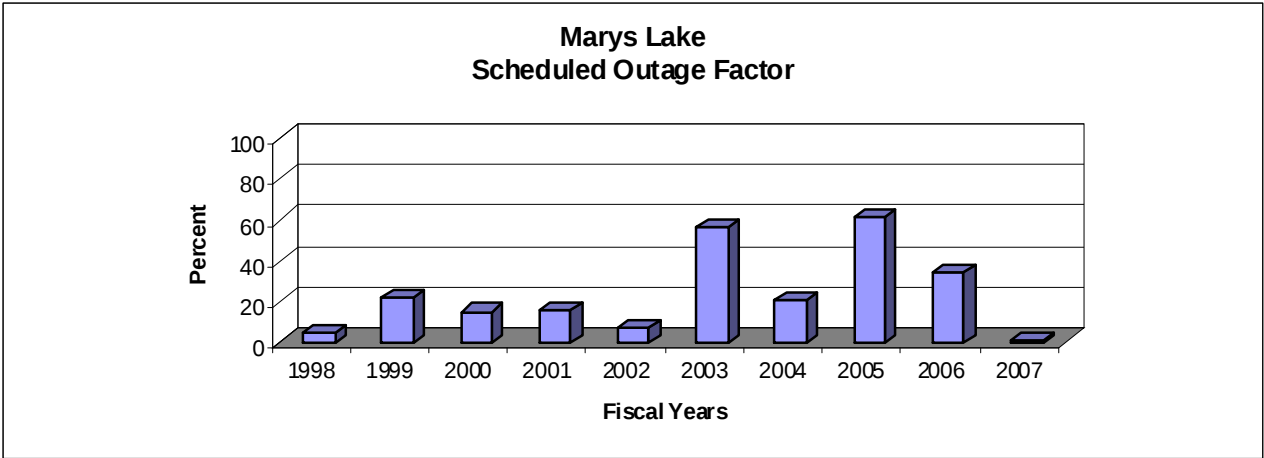
**Benchmark 5
Plant Availability Factor**



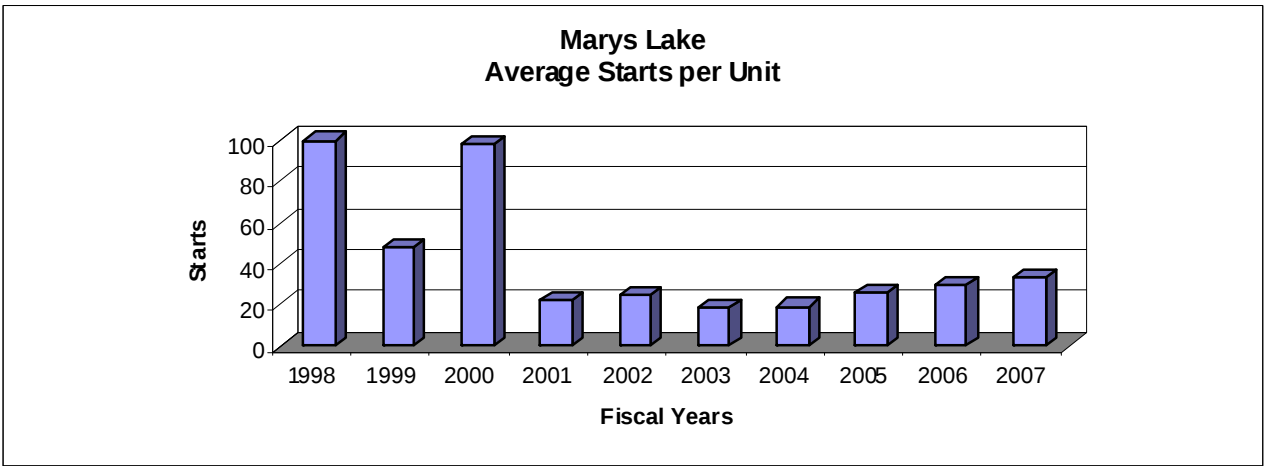
**Benchmark 6
Plant Forced Outage Factor**



Benchmark 7
Plant Scheduled Outage Factor



Unit Starts



Marys Lake Powerplant
0-10 MW

Benchmark Data Comparison					
Fiscal Year 2007	Marys Lake Powerplant	Reclamation Average 0-10 MW Group	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	26.1	Not Applicable	*22.45	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	0.4%	Not Applicable	12.1%	Not Applicable	Not Applicable
O&M Cost \$/MWh	5.71	14.71	2.76	***25.9	1.00
O&M Costs \$/MW	28,728	60,518	7,847	***75,984	2,897
O&M Equip Work Year per MW	0.00	0.42	0.03	Not Available	0.0
Availability Factor	98.5	88.7	82.3	**88.64	98.5
Forced Outage Factor	0.2	0.9	2.6	**2.61	0.0
Scheduled Outage Factor	1.3	10.4	15.1	**8.74	0.0

*Weighted by Net Generation

**2006 NERC Average

***Energy Information Administration Data