

**Morrow Point Powerplant
Colorado River Storage Project
Wayne N. Aspinall Storage Unit**

Ancillary Services

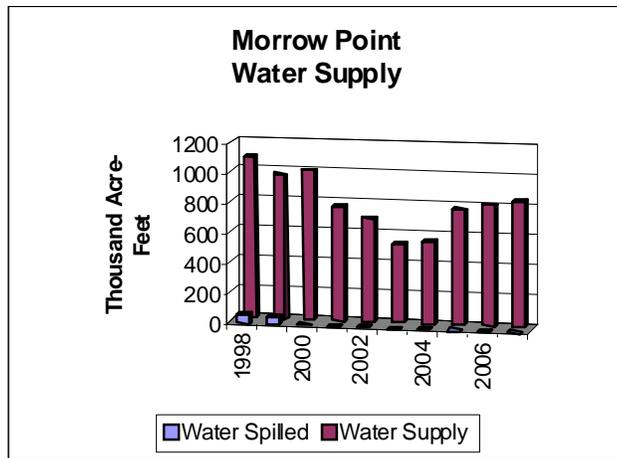
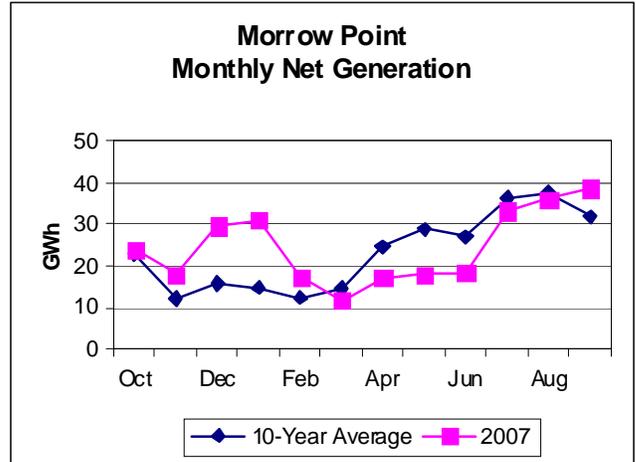
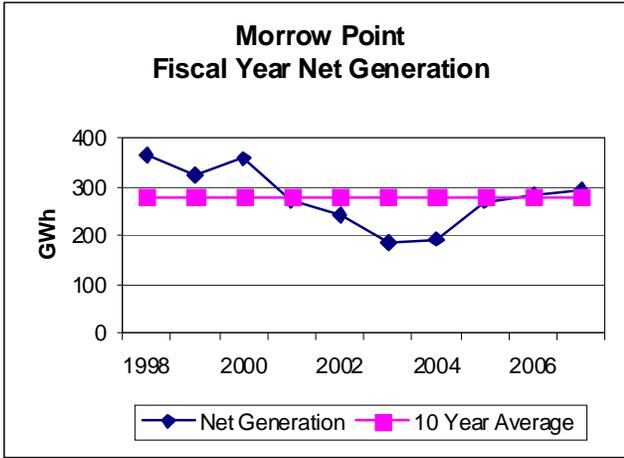
Morrow Point Ancillary Services	
Spinning Reserve	Yes
Non-Spinning Reserve	Yes
Replacement Reserve	Yes
Regulation/Load Following	Yes
Black Start	Yes
Voltage Support	Yes

Generators

Morrow Point Generators			
Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	60,000	26,667	86,667
2	60,000	26,667	86,667
2 units	120,000	53,334	173,334

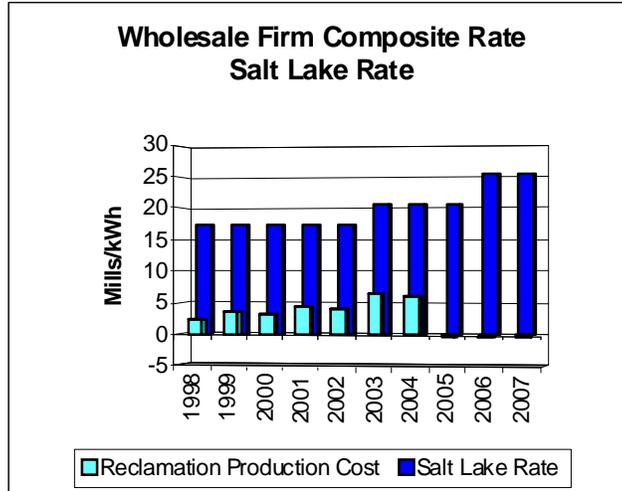
**Morrow Point Powerplant
100-500 MW**

Generation

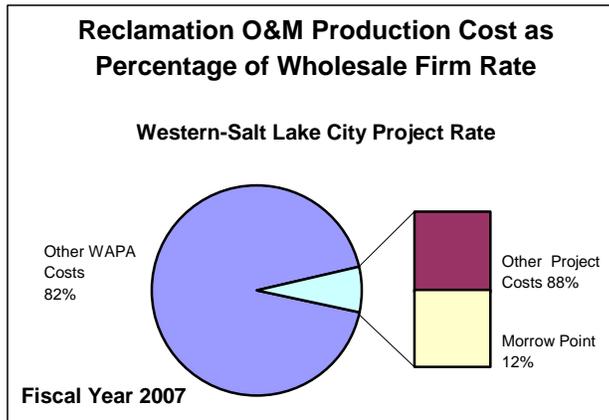


Prime Laboratory Benchmarks

**Benchmark 1
Wholesale Firm Rate**

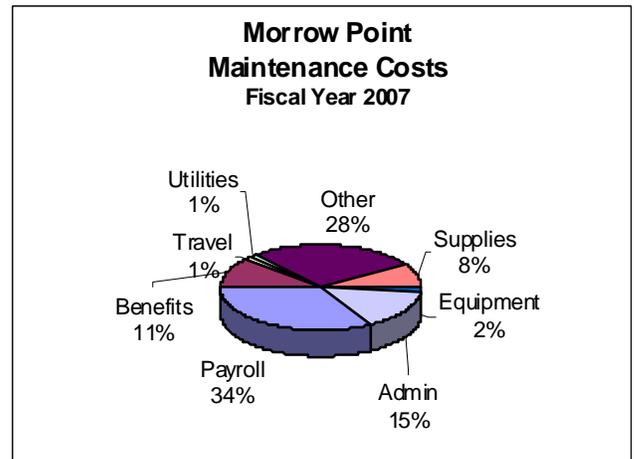
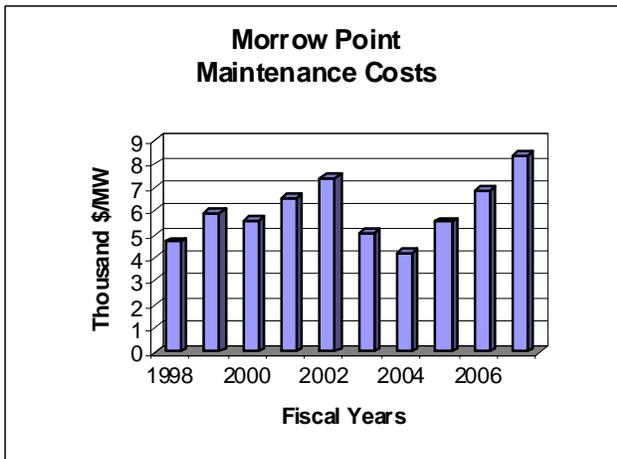
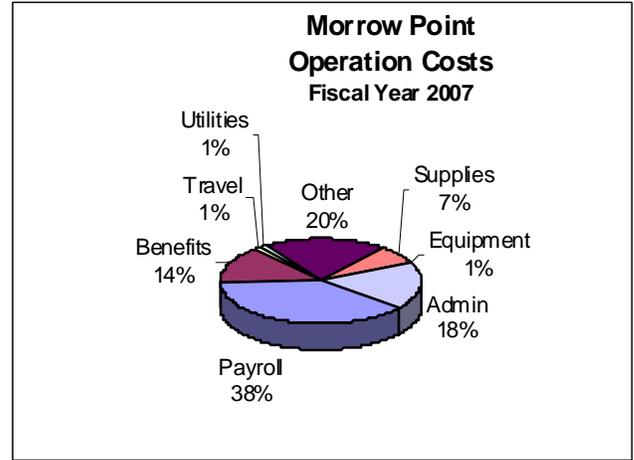
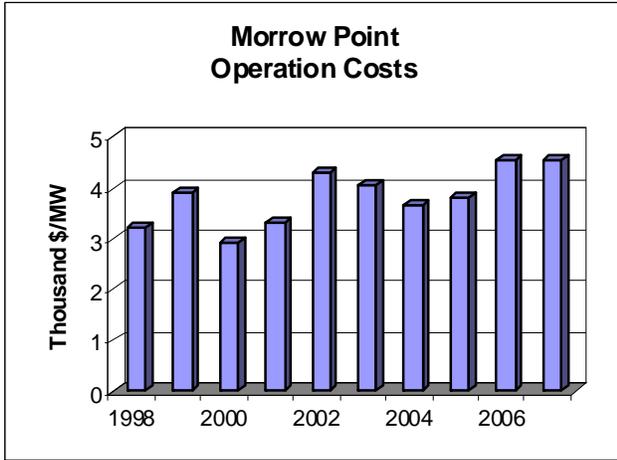


**Benchmark 2
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**

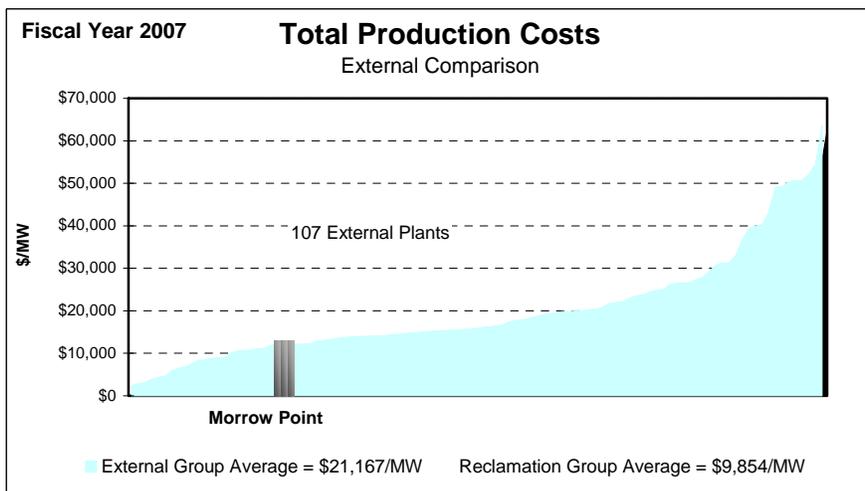
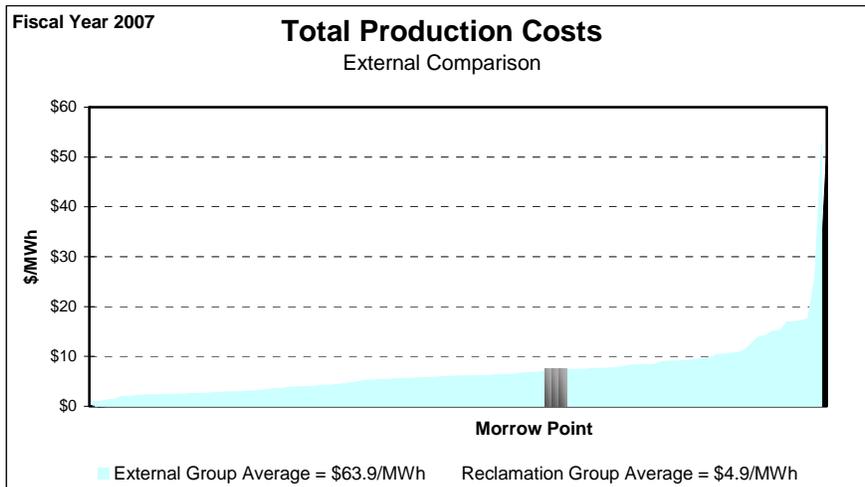
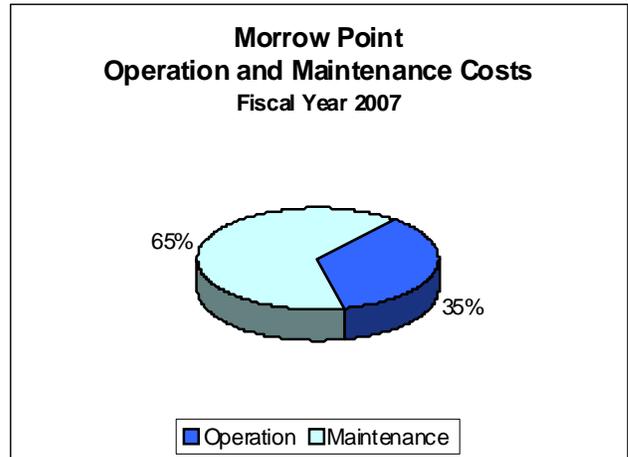
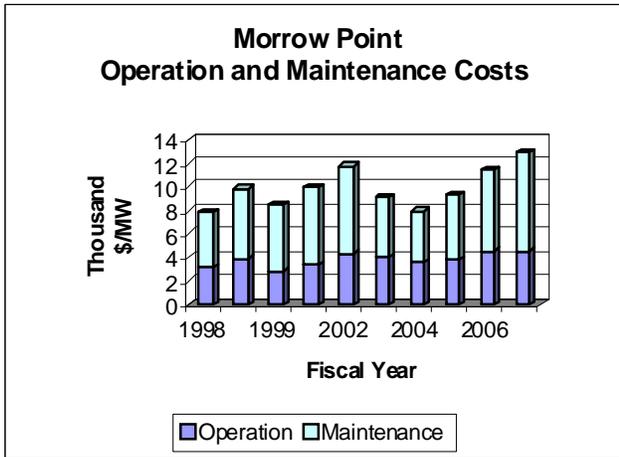


**Morrow Point Powerplant
100-500 MW**

**Benchmark 3
Production Cost**

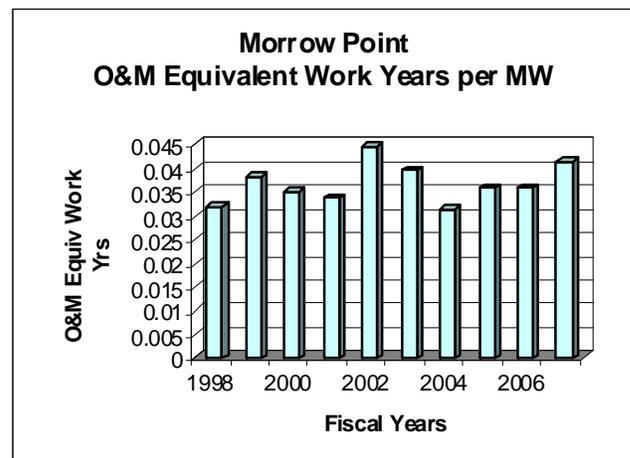
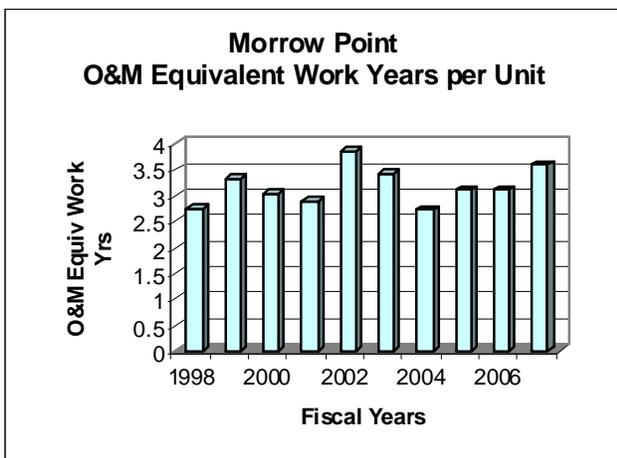
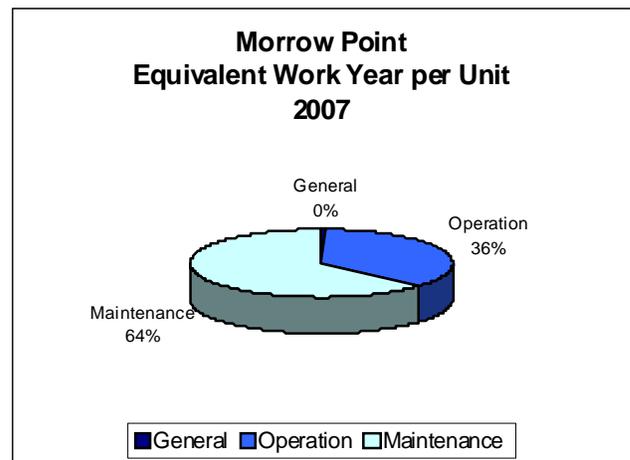
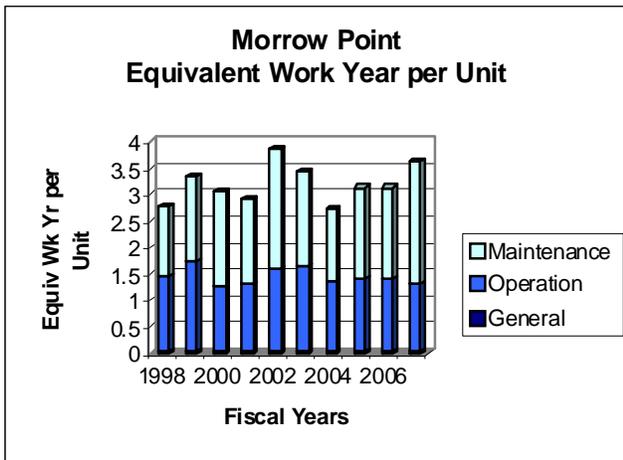


**Benchmark 3
Production Cost**

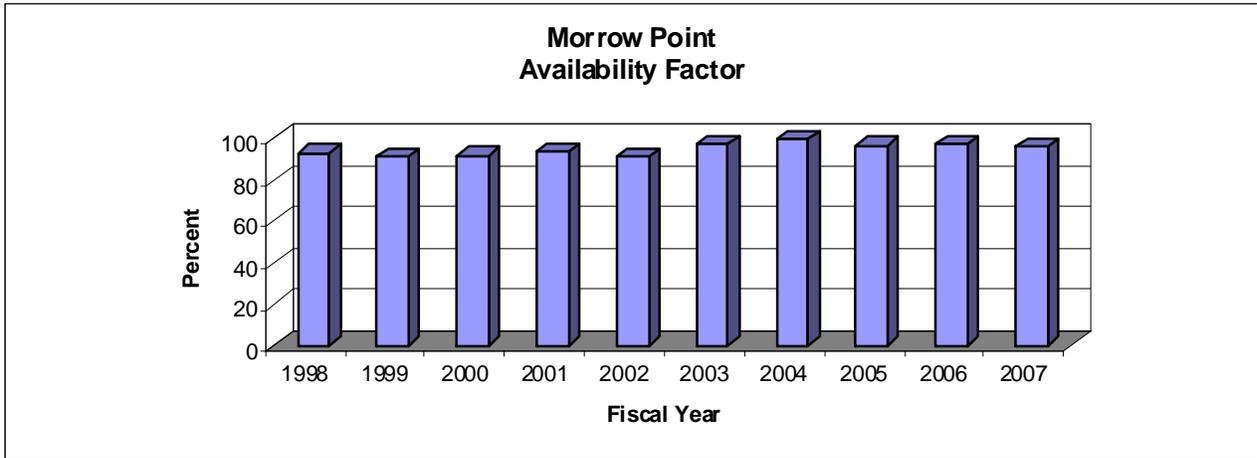


Benchmark 4
Workforce Deployment

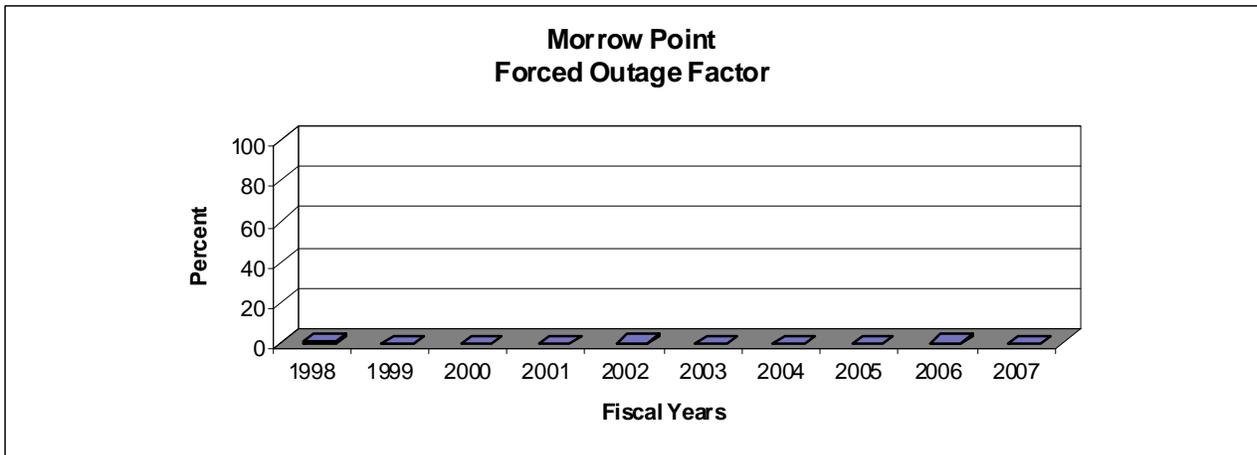
Morrow Point FY 2007 Equivalent Work Staffing Year Levels						
	Equivalent Work Year Staffing Charged to Powerplant	Leave Additive	Denver and Washington Equivalent Work Year Staffing Additive	Total Equivalent Work Year Allocated to Powerplant	Total Equivalent Staffing Work Year per Generating Unit	Total Equivalent Work Year Staffing per Megawatt
General	0.00	0.00	0.04	0.04	0.02	0.00
Operation	2.37	0.25	0.00	2.62	1.31	0.02
Maintenance	4.15	0.44	0.00	4.59	2.29	0.03
Total Staffing	6.52	0.69	0.04	7.25	3.62	0.04



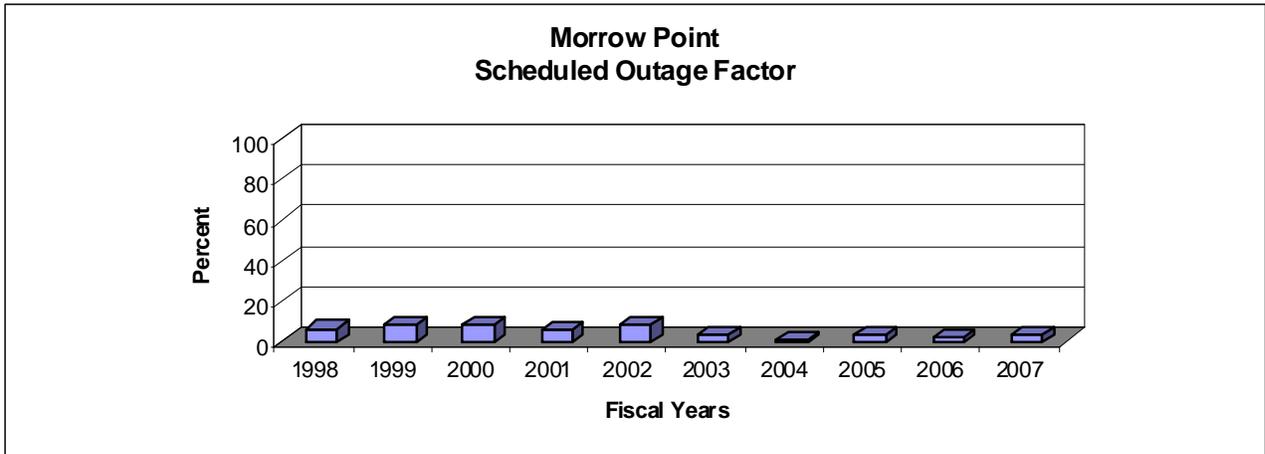
**Benchmark 5
Availability Factor**



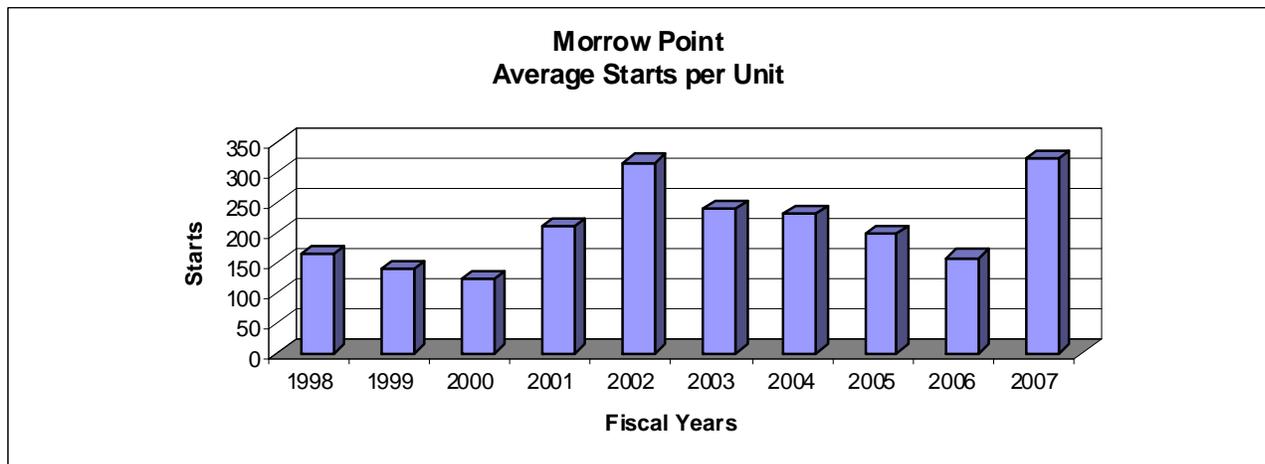
**Benchmark 6
Forced Outage Factor**



**Benchmark 7
Scheduled Outage Factor**



Starts



**Morrow Point Powerplant
100-500 MW**

Benchmark Data Comparison					
Fiscal Year 2007	Morrow Point Powerplant	Reclamation Average 100- 500 MW Group	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	20.7	Not Applicable	*22.45	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	2.3%	Not Applicable	12.1%	Not Applicable	Not Applicable
O&M Cost \$/MWh	7.66	4.44	2.76	***63.88	1.00
O&M Costs \$/MW	12,941	10,502	7,847	***21,167	2,897
O&M Equip Work Year per MW	0.04	0.04	0.03	Not Available	0.0
Availability Factor	96.3	83.5	82.3	**88.64	98.5
Forced Outage Factor	0.1	1.2	2.6	**2.61	0.0
Scheduled Outage Factor	3.6	15.4	15.1	**8.74	0.0

*Weighted by Net Generation

**2006 NERC Average

***Energy Information Administration Data