

**Ancillary Services**

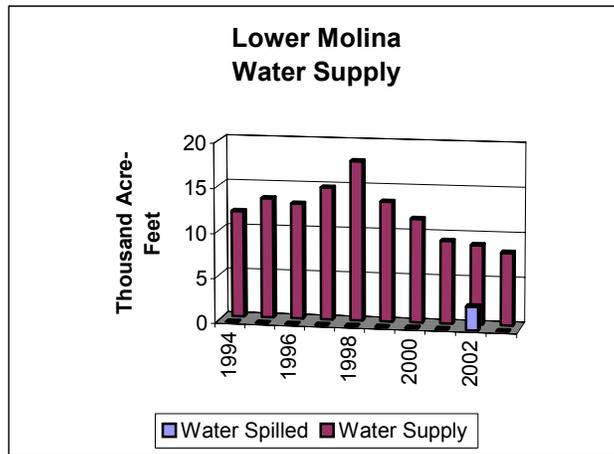
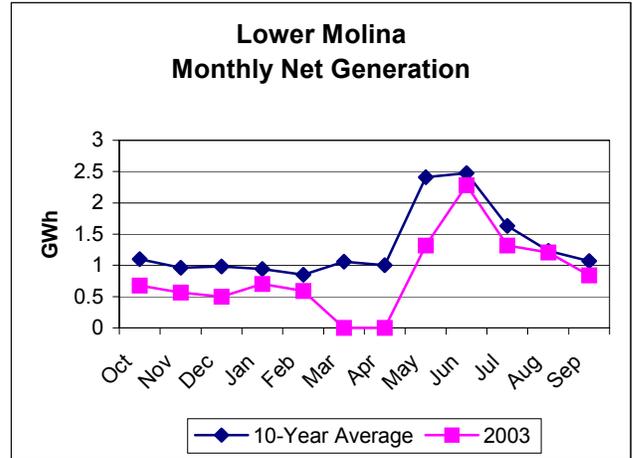
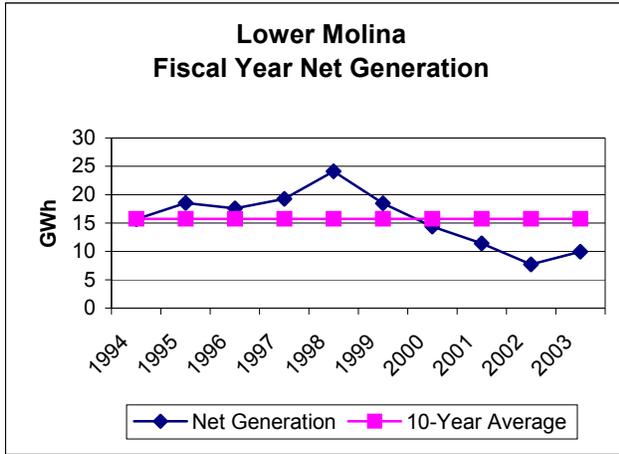
<b>Lower Molina Ancillary Services</b>	
Spinning Reserve	No
Non-Spinning Reserve	No
Replacement Reserve	No
Regulation/Load Following	No
Black Start	Yes
Voltage Support	Yes

**Generators**

<b>Lower Molina Generators</b> Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	4,860	0	4,860
1 Unit	4,860	0	4,860

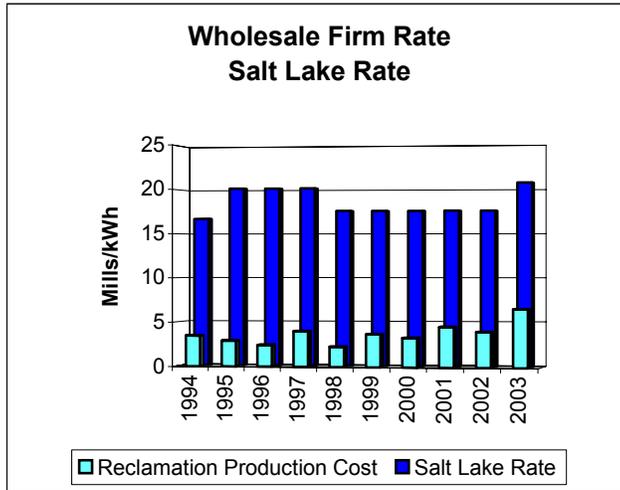
**Lower Molina Powerplant  
0-10 MW**

**Generation**

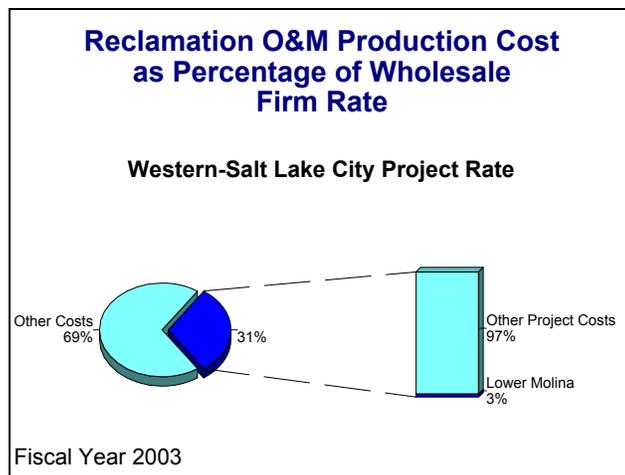


**Prime Laboratory Benchmarks**

**Benchmark 1  
Wholesale Firm Rate**

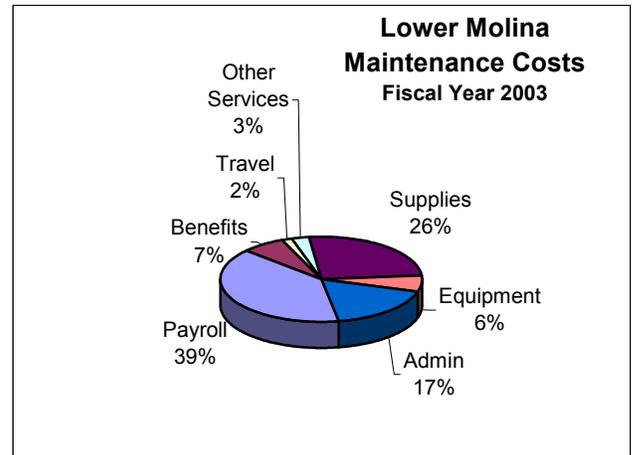
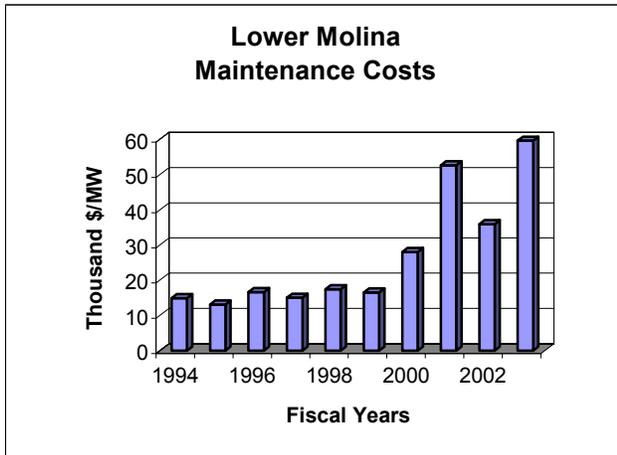
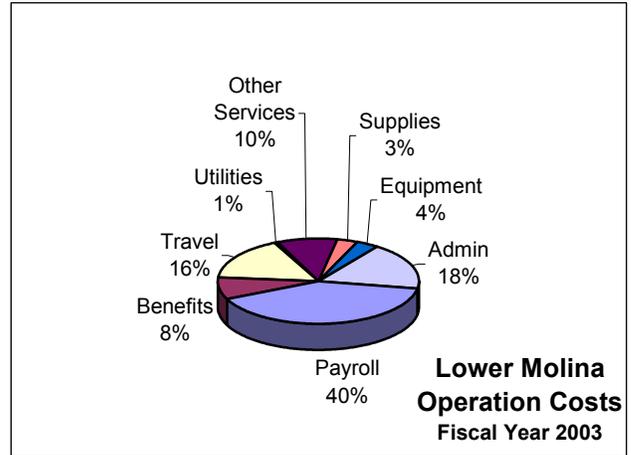
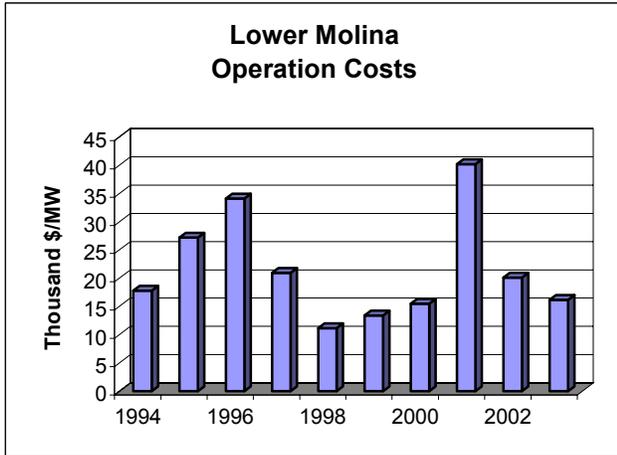


**Benchmark 2  
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**

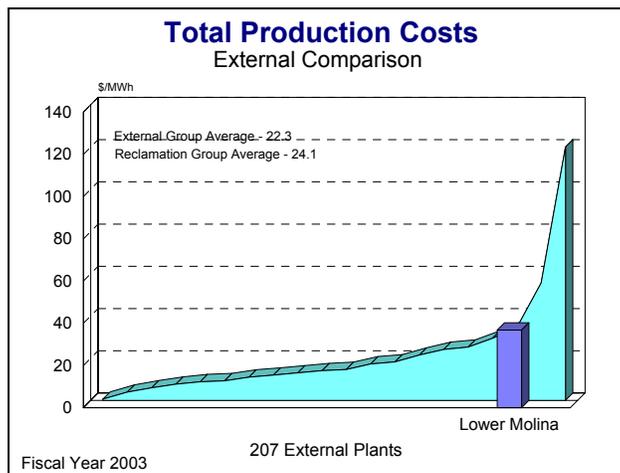
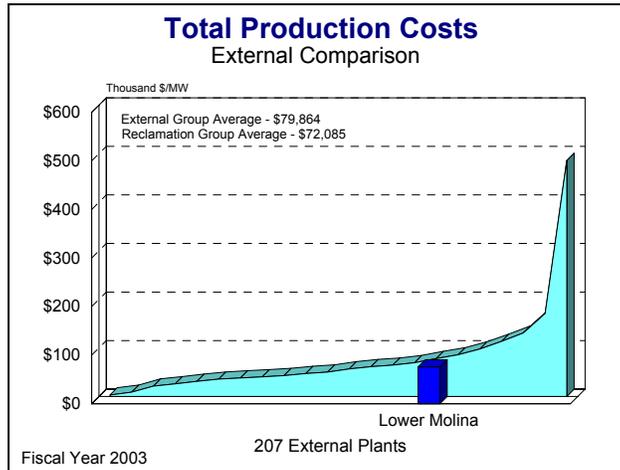
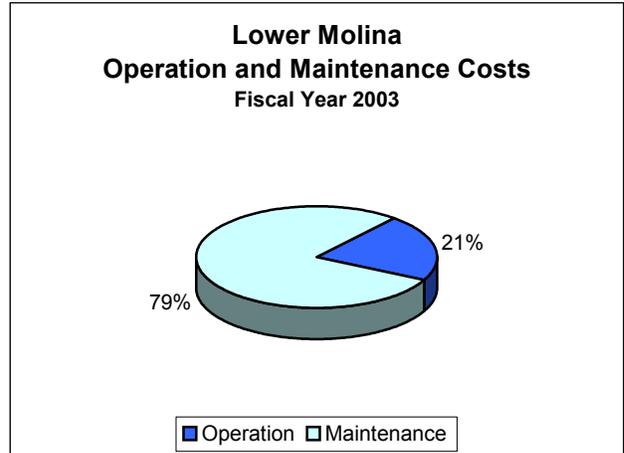
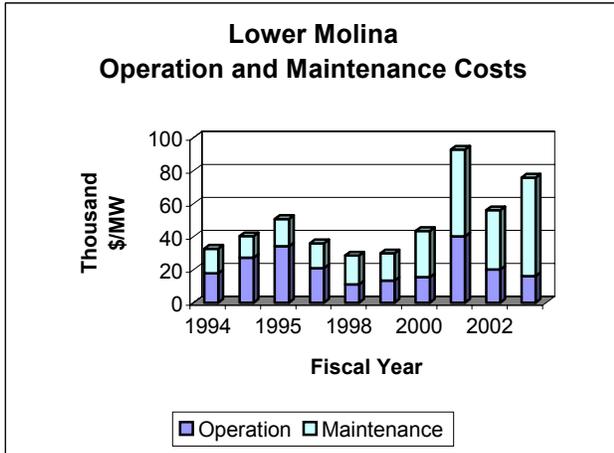


**Lower Molina Powerplant  
0-10 MW**

**Benchmark 3  
Production Cost**



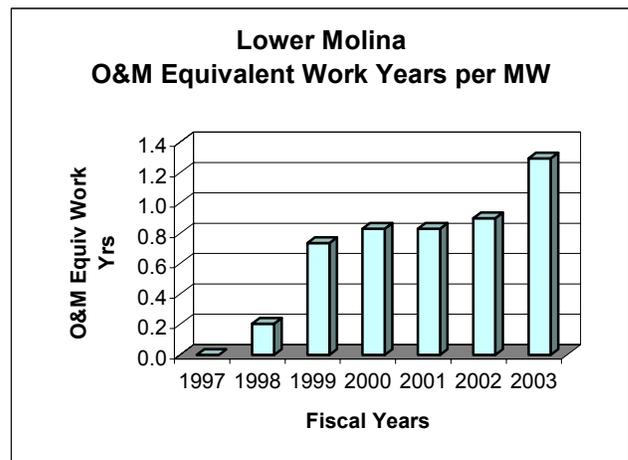
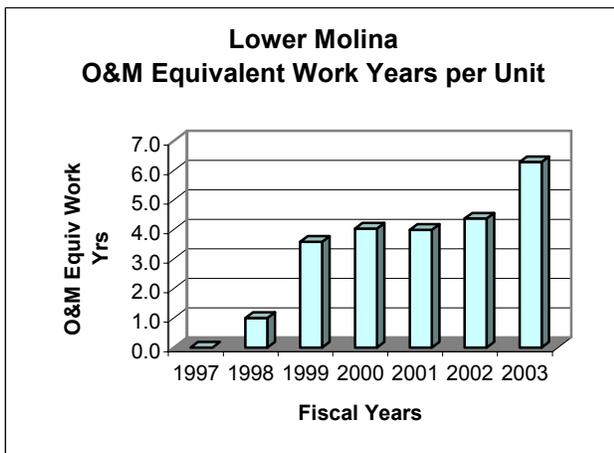
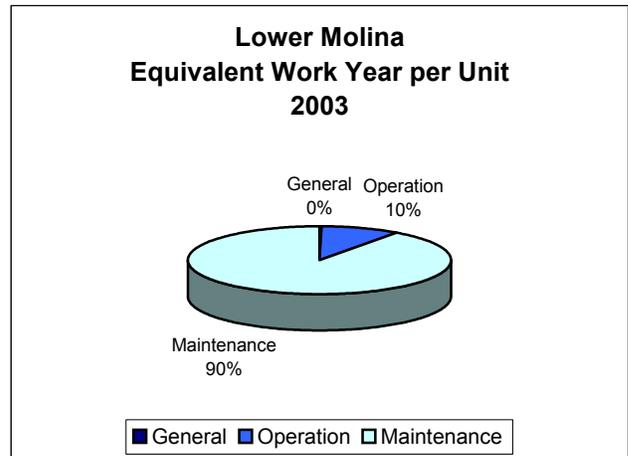
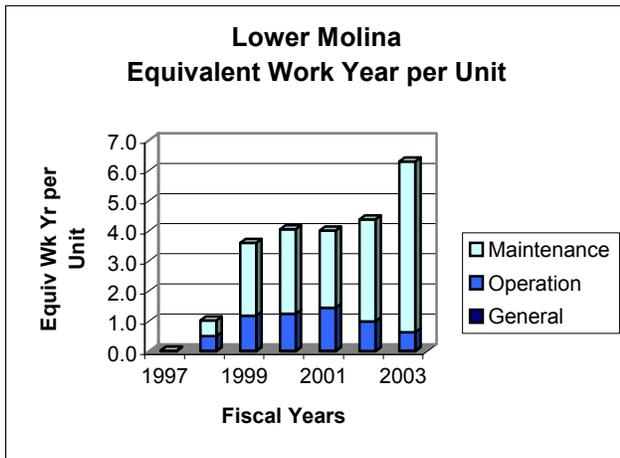
**Benchmark 3  
Production Cost**



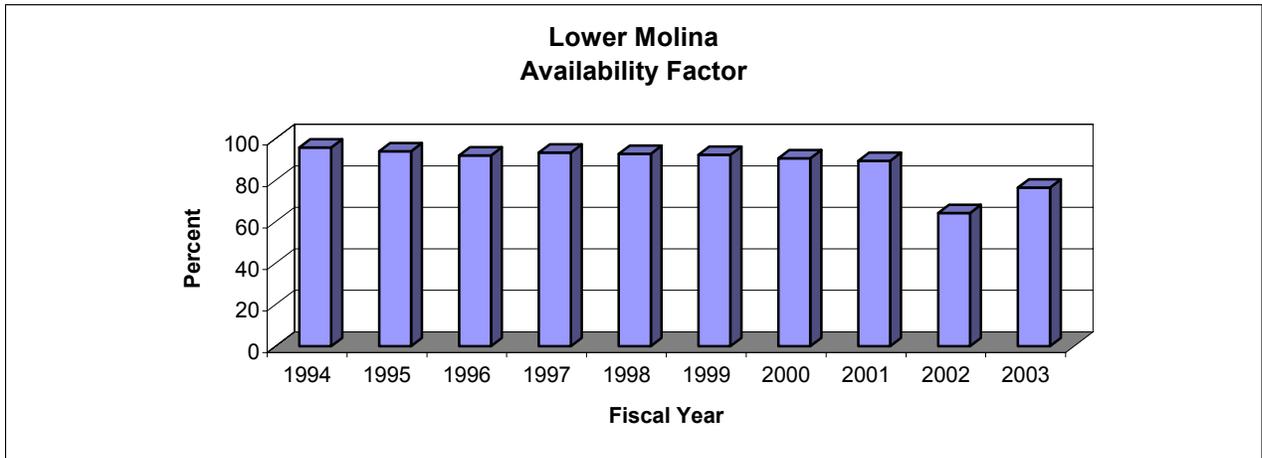
Benchmark 4  
Workforce Deployment

**Lower Molina  
2003  
Equivalent  
Work Year Levels**

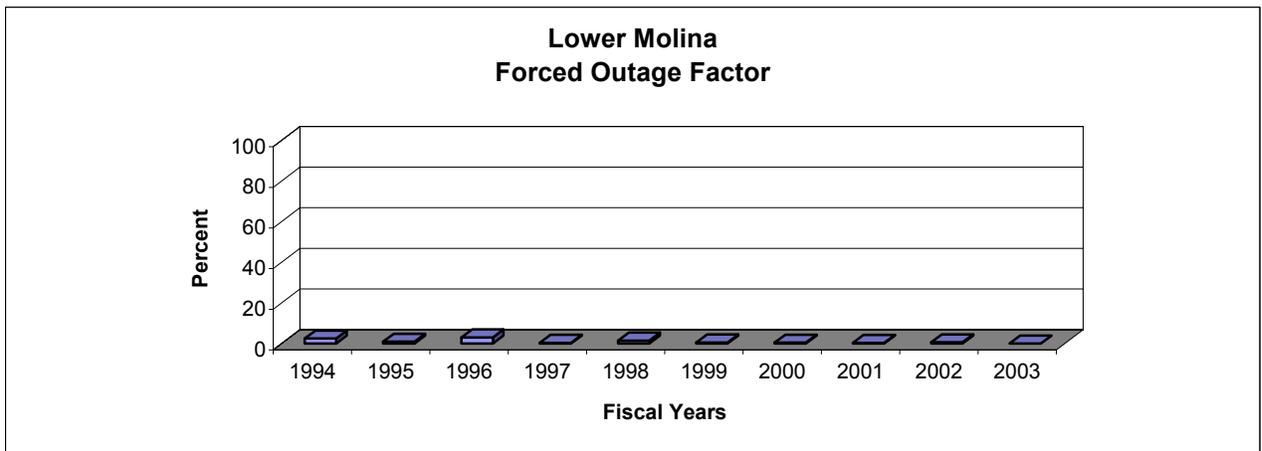
	Equiv Work Year Charged to Powerplant	Leave Additive	Denver and Washington Equiv Work Year Additive	Total Equiv Work Year Allocated to Powerplant	Total Equiv Work year per Generating Unit	Total Equiv Work Year per Megawatt
General	0	0	0.02	0.02	0.02	0.00
Operation	0.55	0.07	0	0.61	0.61	0.13
Maintenance	5.06	0.6	0	5.66	5.66	1.17
Total Staffing	5.61	0.67	0.02	6.3	6.3	1.3



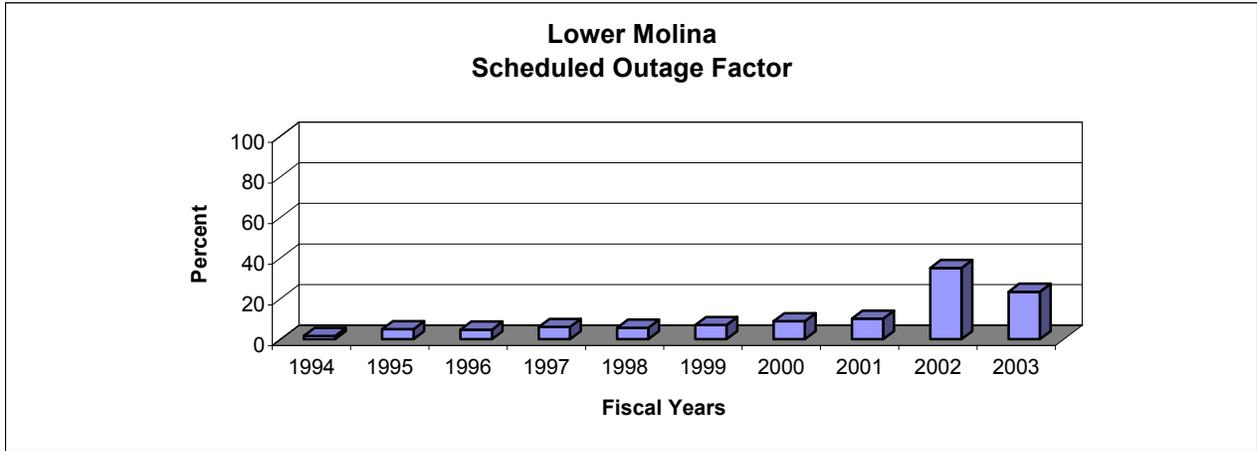
**Benchmark 5  
Availability Factor**



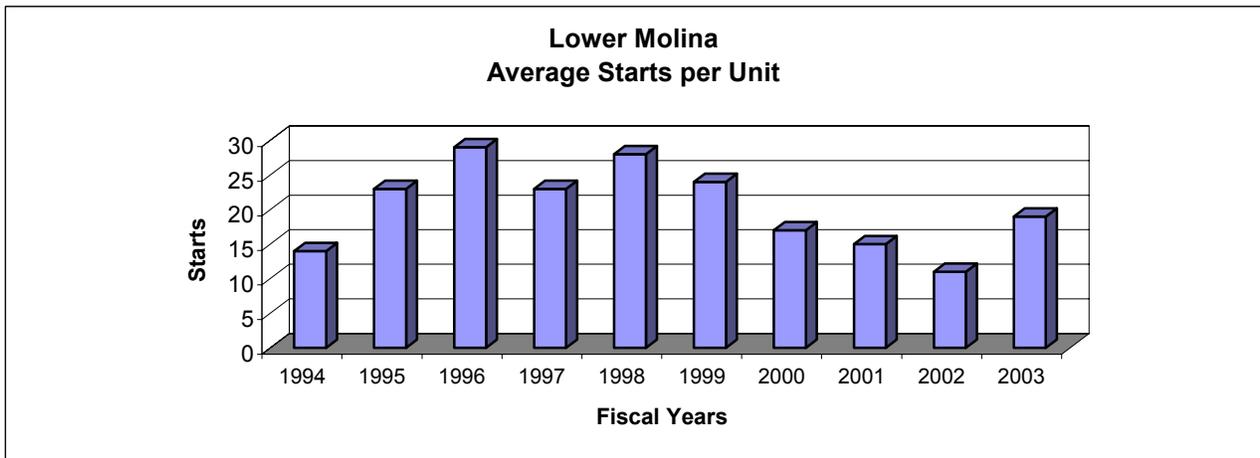
**Benchmark 6  
Forced Outage Factor**



**Benchmark 7  
Scheduled Outage Factor**



**Starts**



## Benchmark Data Comparison

Fiscal Year 2003	Lower Molina Powerplant	Reclamation Average 0-10 MW Group	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	20.7	Not Applicable	*23.1	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	0.4%	Not Applicable	12.0%	Not Applicable	Not Applicable
O&M Cost \$/MWh	36.9	23.2	2.7	22.3	1.1
O&M Costs \$/MW	75,752	55,590	7,315	79,864	3,108
O&M Equip Work Year per MW	1.3	0.6	0.04	Not Available	0.01
Availability Factor	76.5	73.8	83.6	**88.9	99.1
Forced Outage Factor	0.0	1.6	1.5	**2.4	0.0
Scheduled Outage Factor	23.4	24.6	14.9	**8.7	0.0

\*Weighted by Net Generation  
\*\*2002 NERC Average