New Melones Powerplant
Central Valley Project

Ancillary Services

New Melones
Ancillary Services

Spinning Reserve	Yes
Non-Spinning Reserve	Yes
Replacement Reserve	Yes
Regulation/Load Following	Yes
Black Start	Yes
Voltage Support	Yes

Generators

New Melones Generators

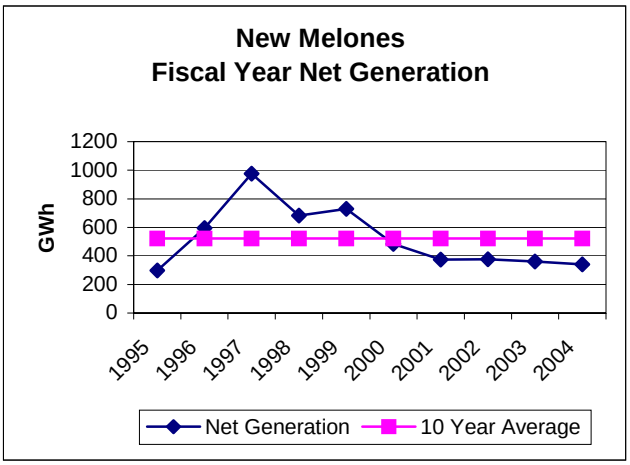
Existing Number and Capacity

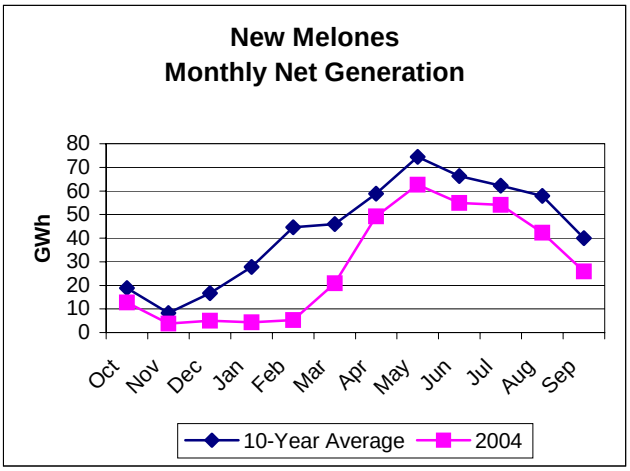
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	150,000	0	150,000
2	150,000	0	150,000
2 Units	300,000	0	300,000

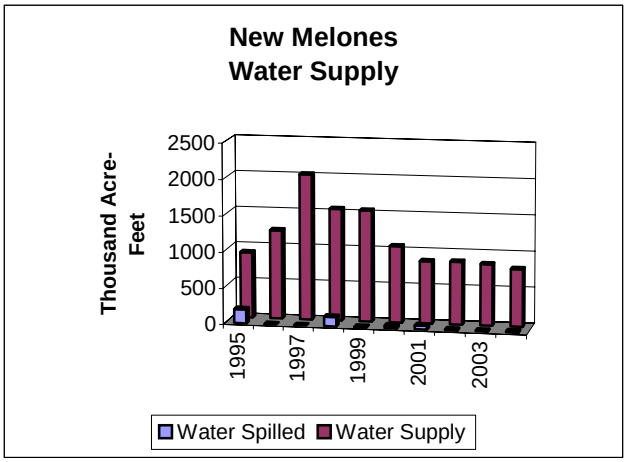
The maximum operational capacity is 380,000 kW

New Melones Powerplant
100-500 MW

Generation

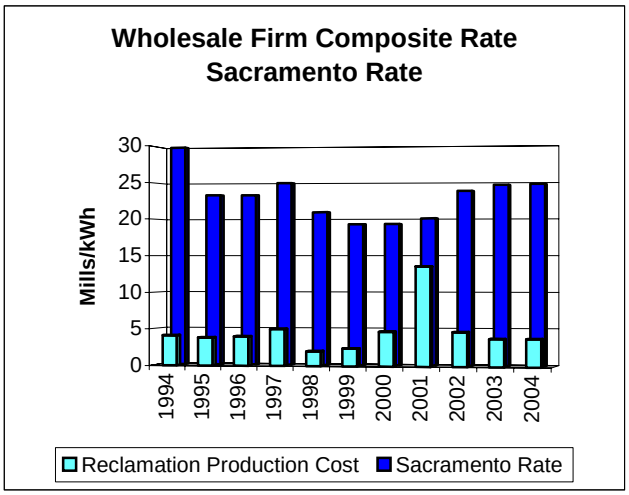




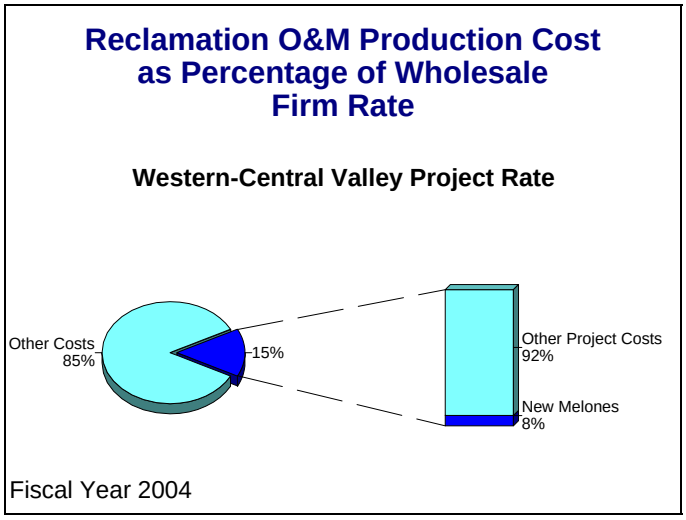


Prime Laboratory Benchmarks

Benchmark 1
Wholesale Firm Rate

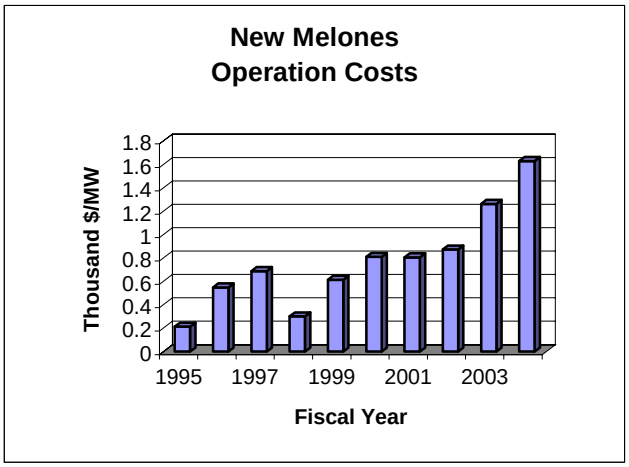


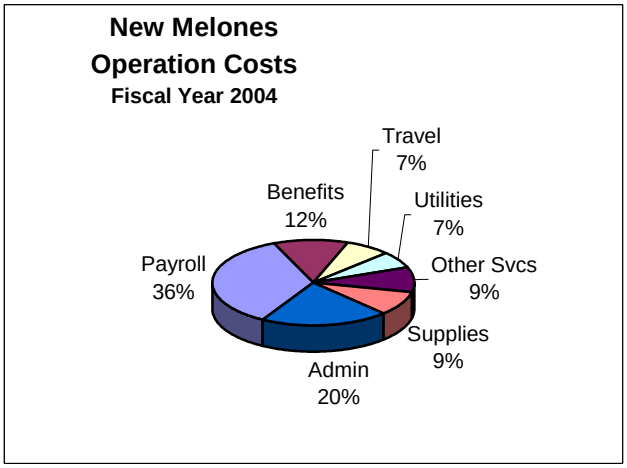
Benchmark 2
Reclamation's Production Cost as Percentage of Wholesale Firm Rate

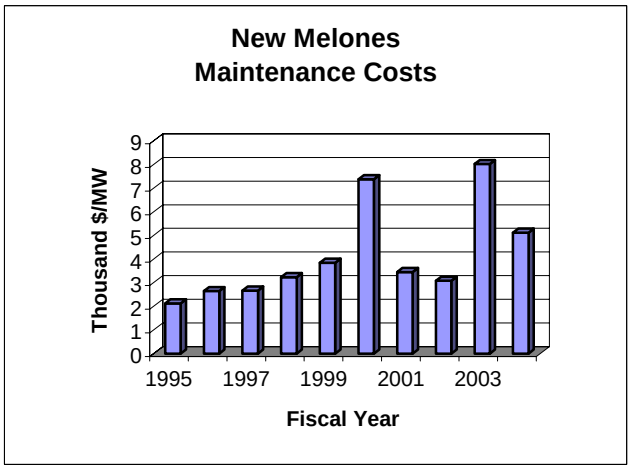


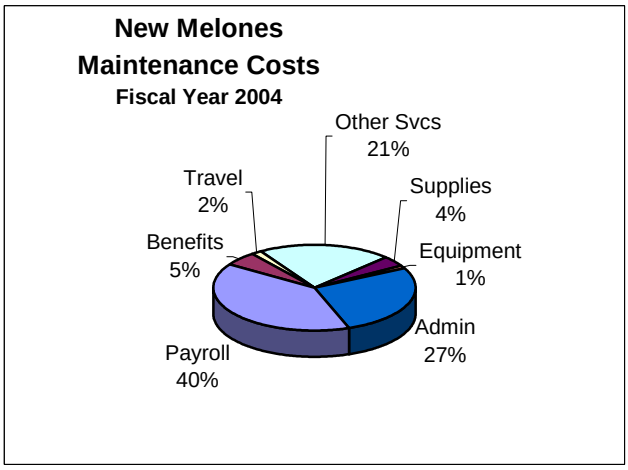
New Melones Powerplant
100-500 MW

Benchmark 3
Production Cost

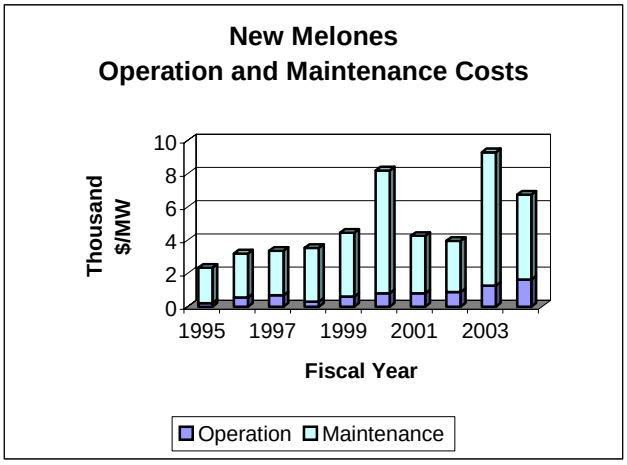


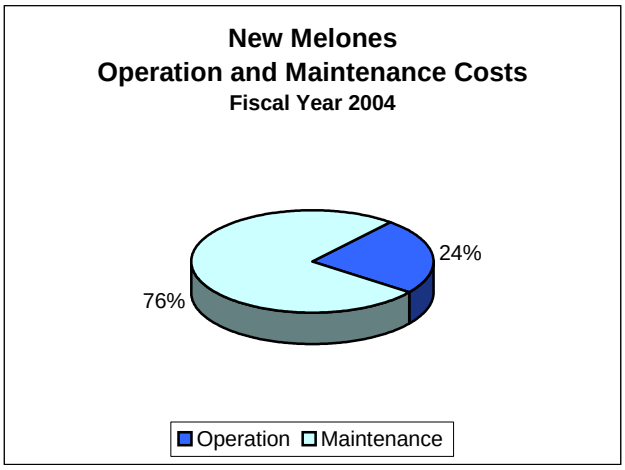


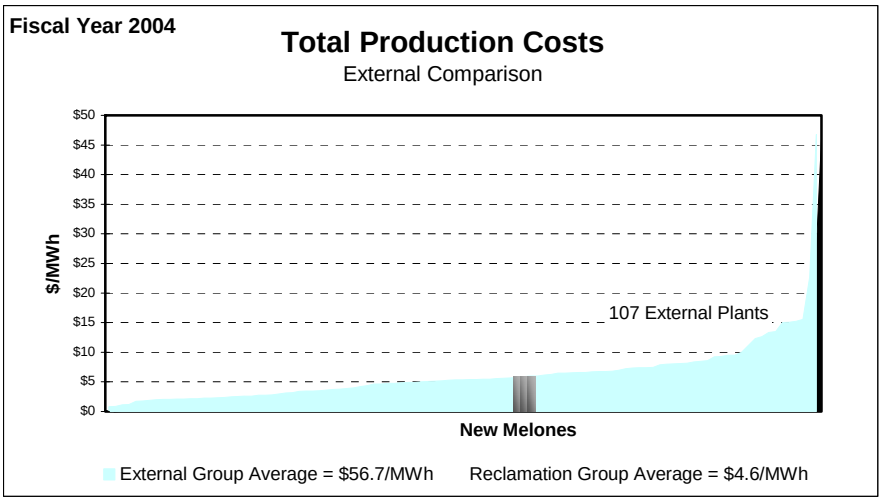


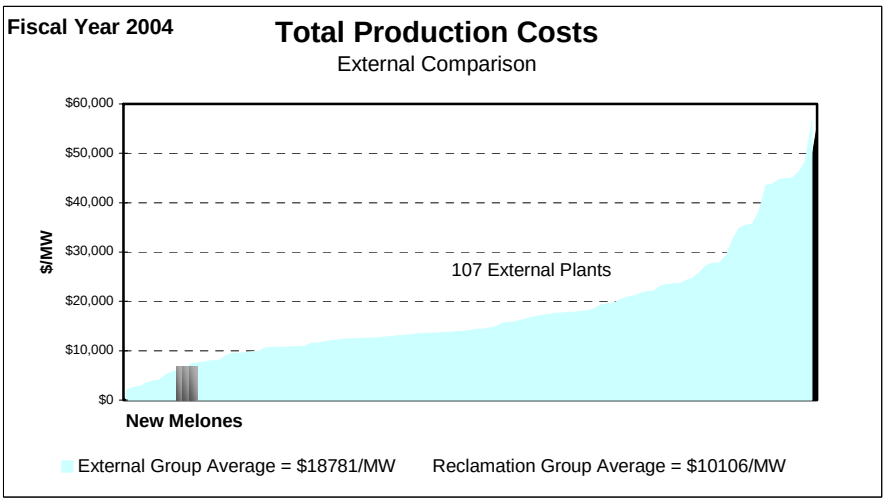


Benchmark 3
Production Cost





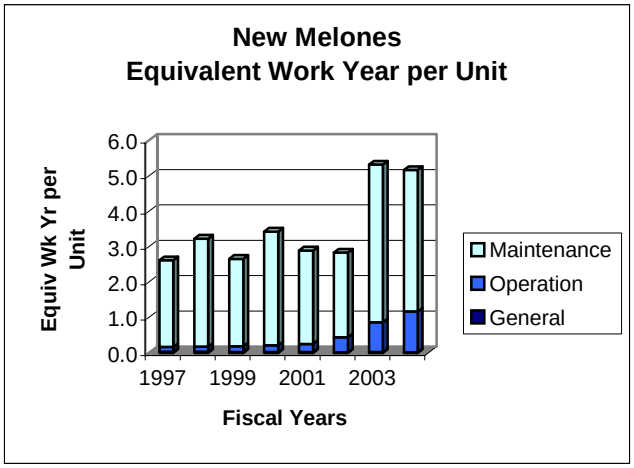


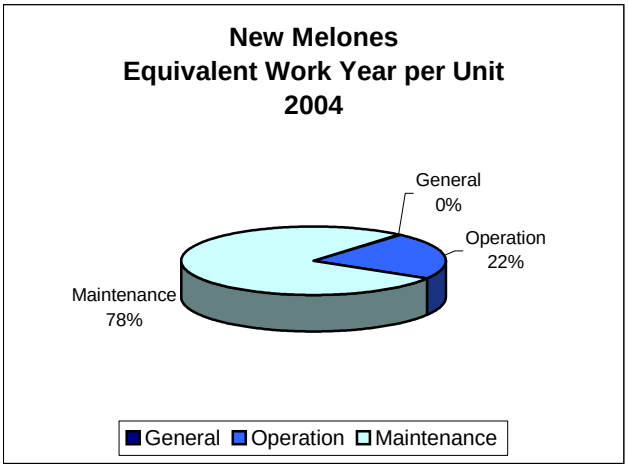


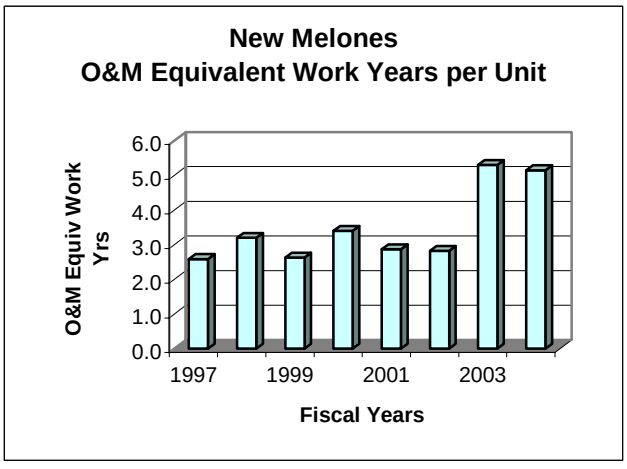
Benchmark 4
Workforce Deployment

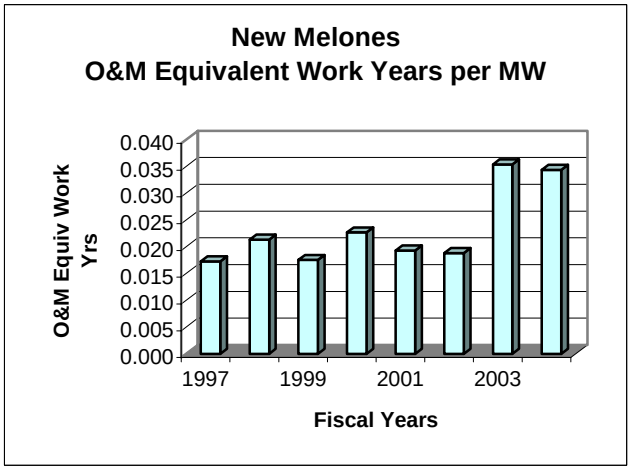
New Melones 2004 Equivalent Work Year Levels

	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	0.00	0.00	0.03	0.03	0.02	0.00
Operation	2.06	0.24	0.00	2.30	1.15	0.01
Maintenance	7.15	0.84	0.00	7.99	4.00	0.03
Total Staffing	9.21	1.08	0.03	10.33	5.17	0.03

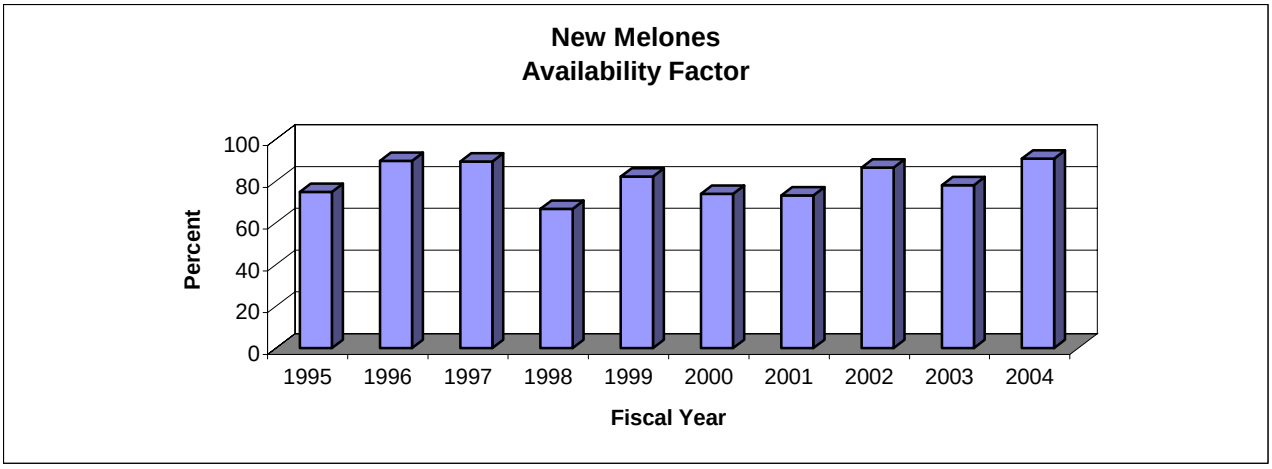






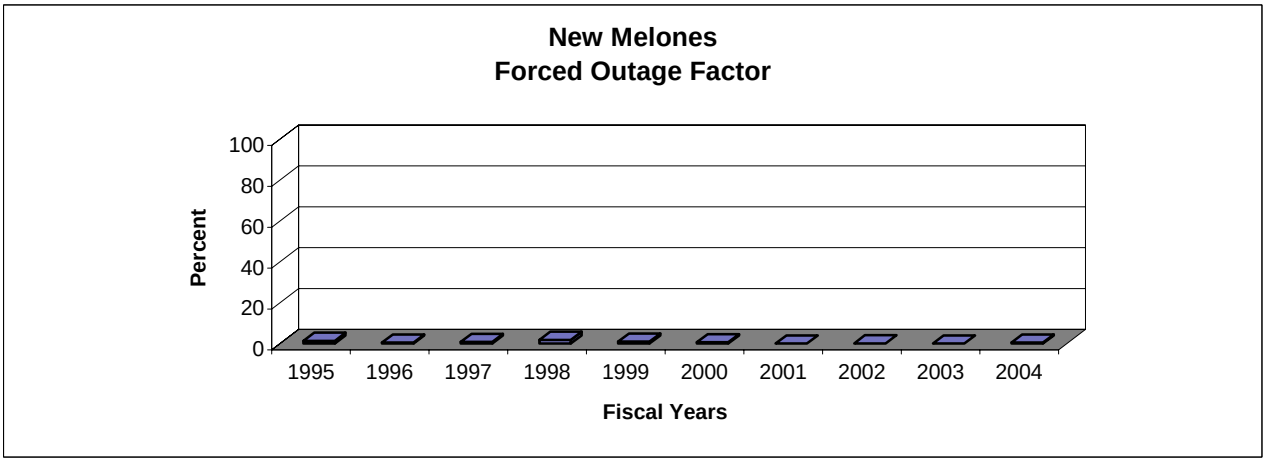


Benchmark 5
Availability Factor

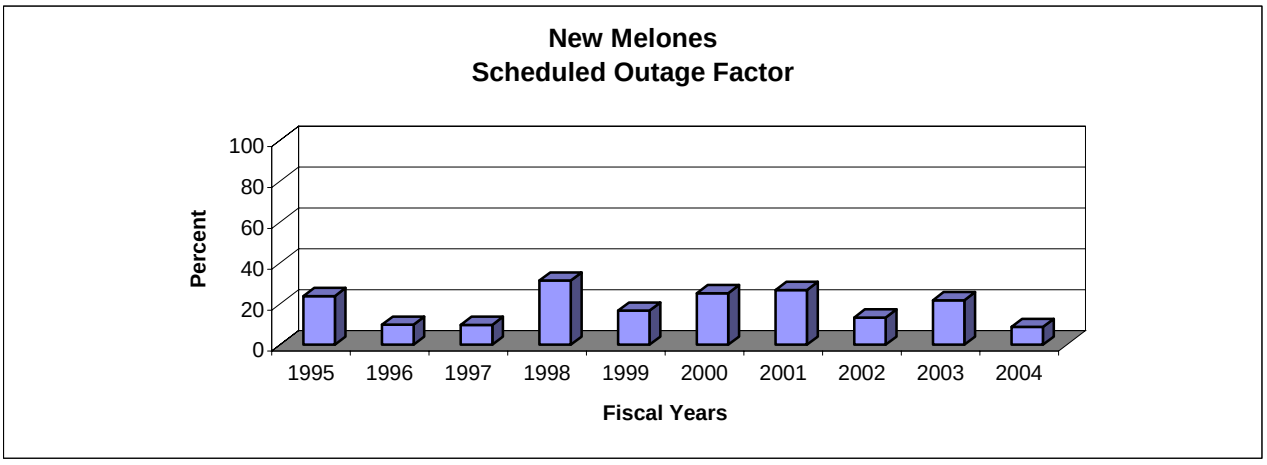


FY-95 - Extended maintenance - limited water supply

Benchmark 6
Forced Outage Factor

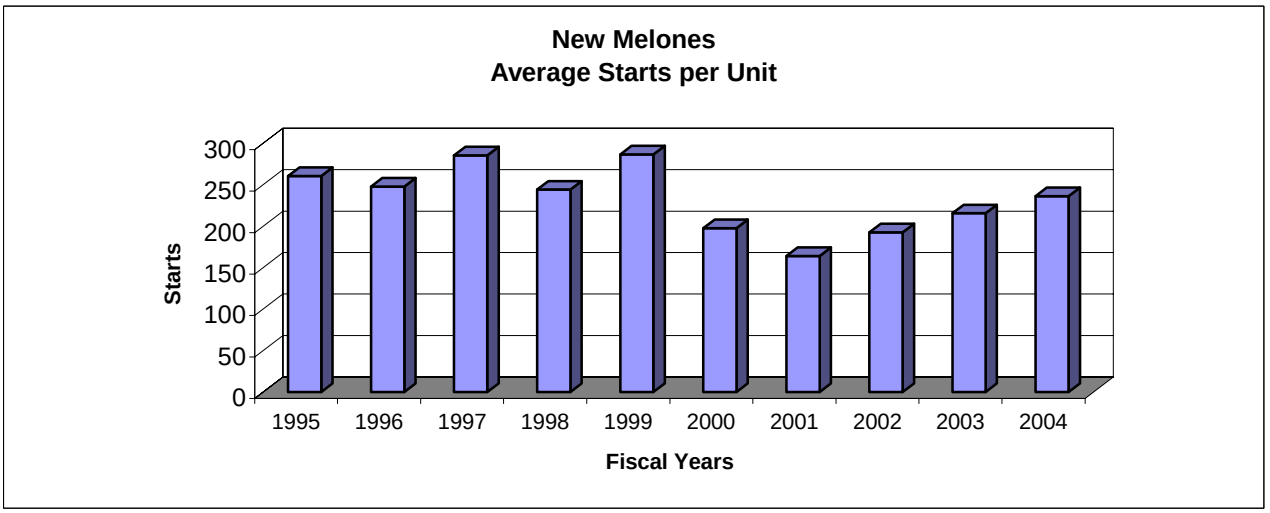


Benchmark 7
Scheduled Outage Factor



FY-95 - Extended maintenance - limited water supply

Starts



Benchmark Data Comparison

Fiscal Year 2004	New Melones Powerplant	Reclamation Average 100-500 MW Group	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	24.6	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	5.93	3.59	2.77	56.68	1.23
O&M Costs $/MW	6,743.50	8,960.28	7,316.97	18,781.34	2,951.22
O&M Equiv Work Year per MW	0.03	0.05	0.04	Not Available	0.00
Availability Factor	90.7	91.0	86.9	**89.2	99.97
Forced Outage Factor	0.5	0.6	0.7	**1.9	0.00
Scheduled Outage Factor	8.8	8.4	12.4	**8.9	0.02

***Weighted by Net Generation**
****2003 NERC Average**
*****Energy Information Administration Data**