

Estes Powerplant Colorado-Big Thompson Project

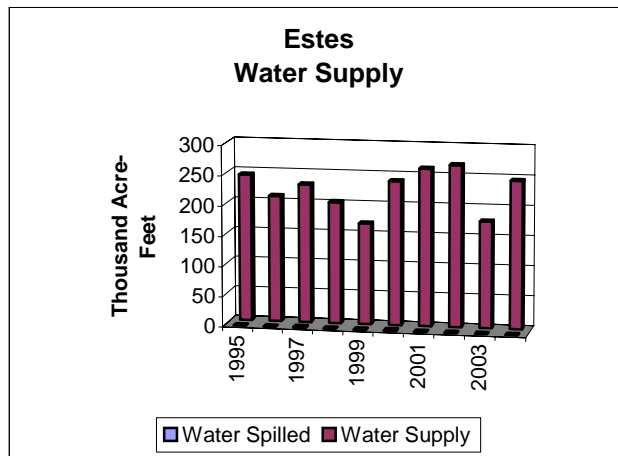
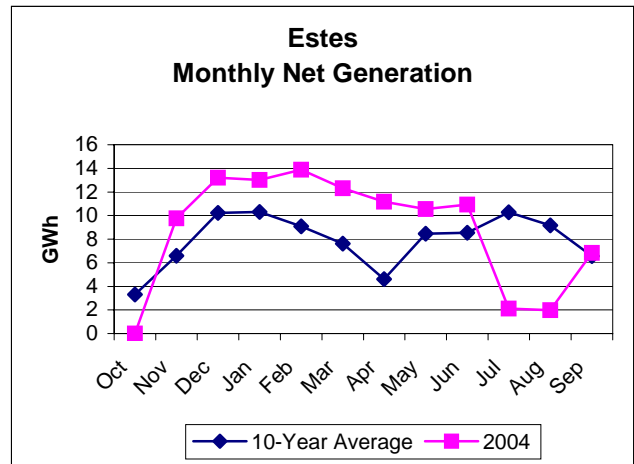
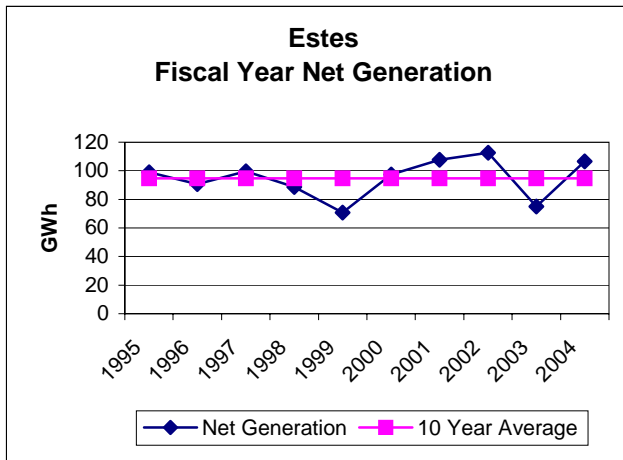
Ancillary Services

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

Generators

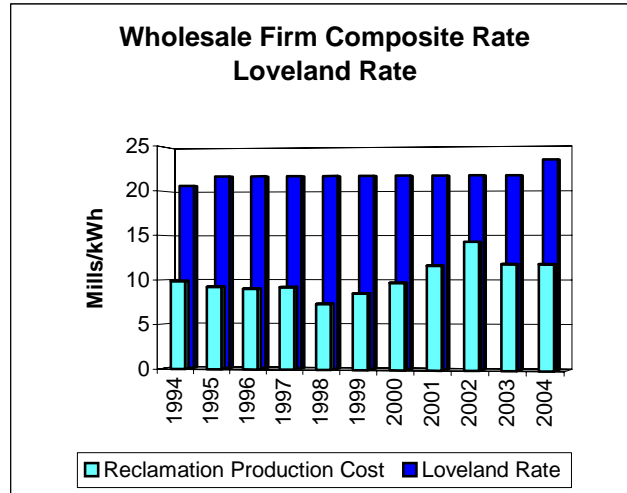
Estes Generators			
Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	15,000	0	15,000
2	15,000	0	15,000
3	15,000	0	15,000
3 Units	45,000	0	45,000

Generation

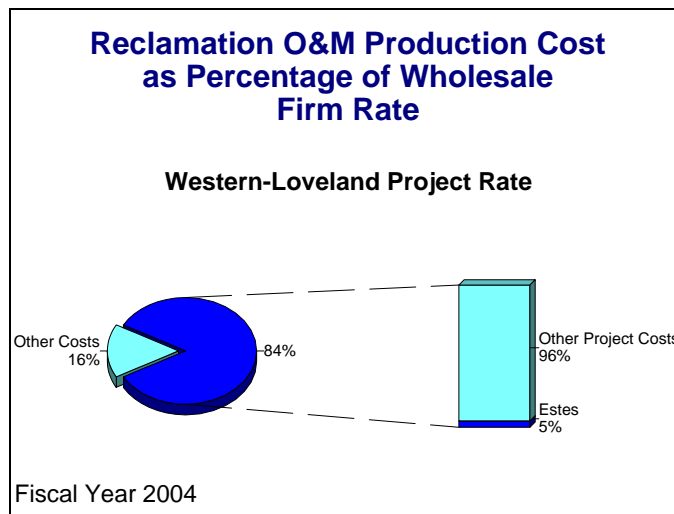


Prime Laboratory Benchmarks

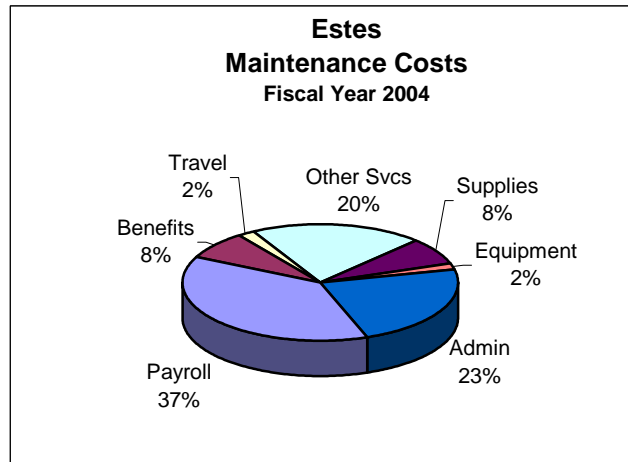
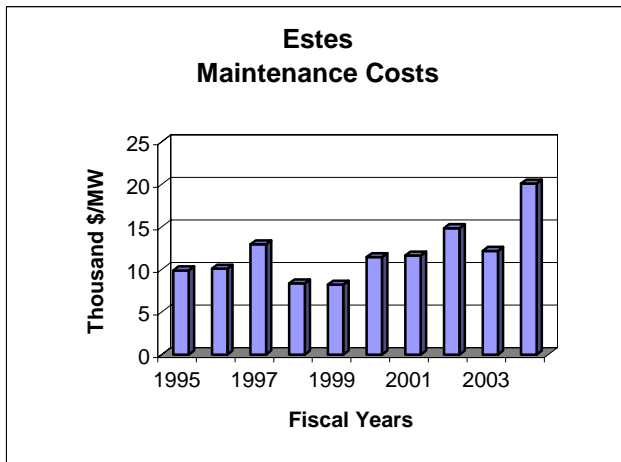
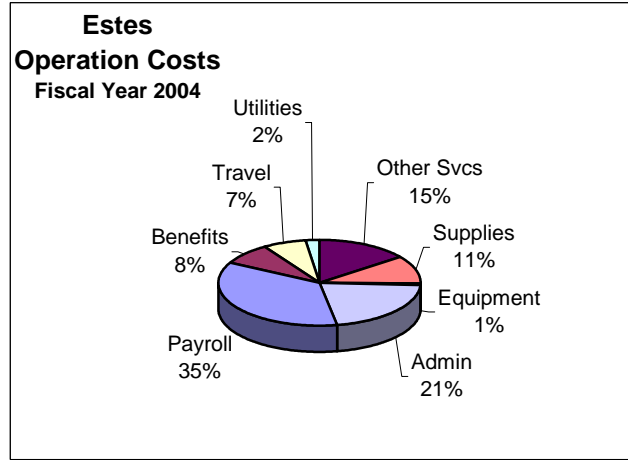
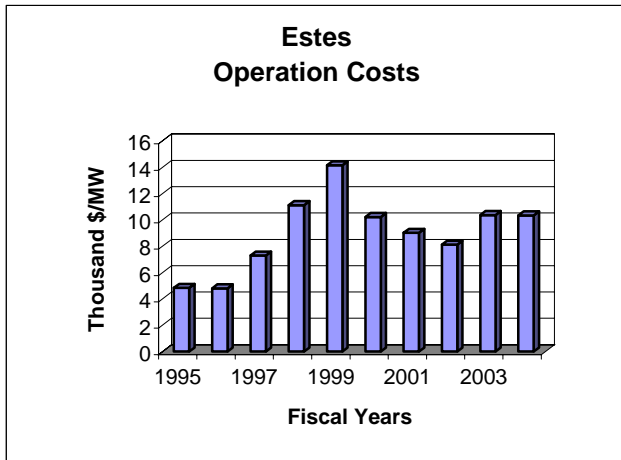
**Benchmark 1
Wholesale Firm Rate**



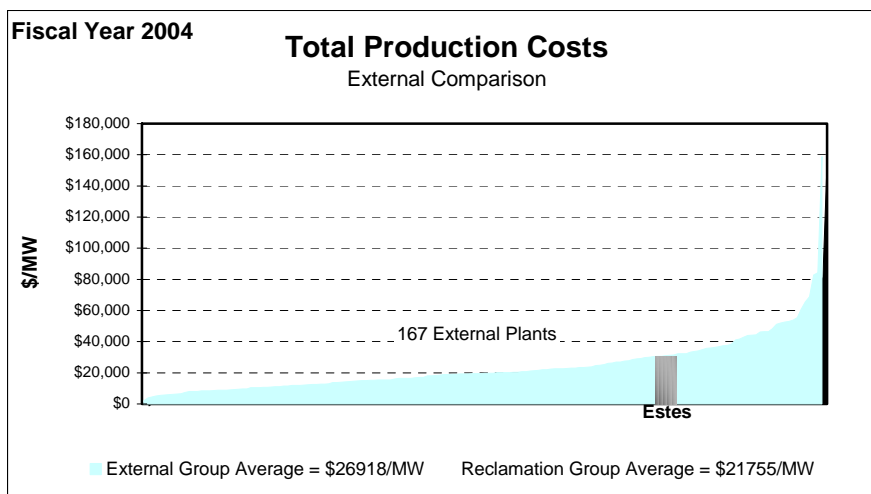
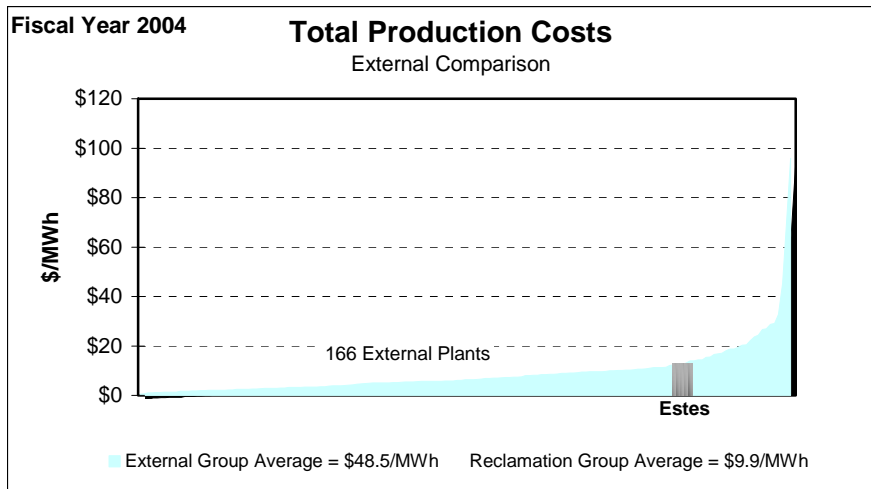
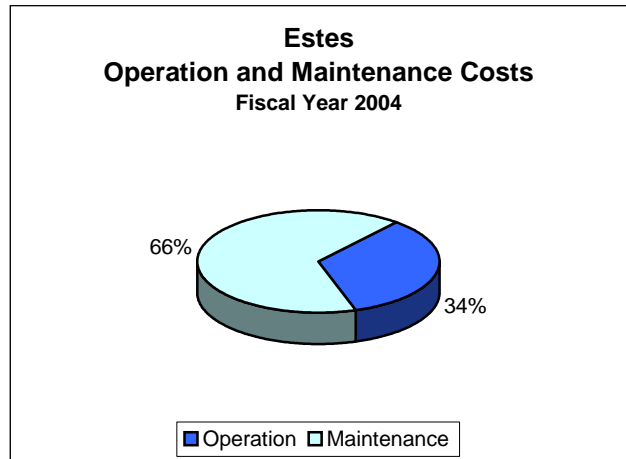
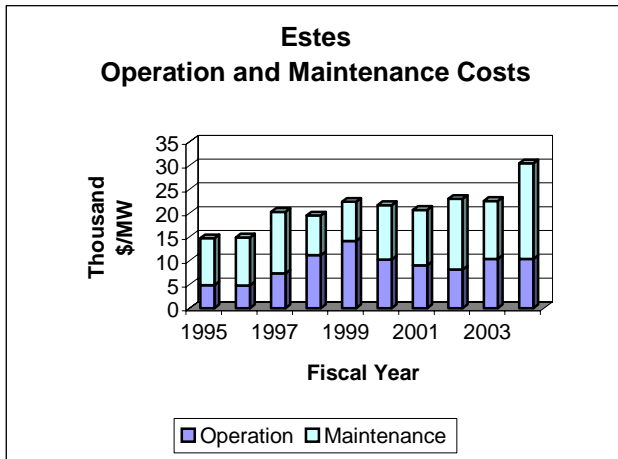
**Benchmark 2
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**



**Benchmark 3
Production Cost**

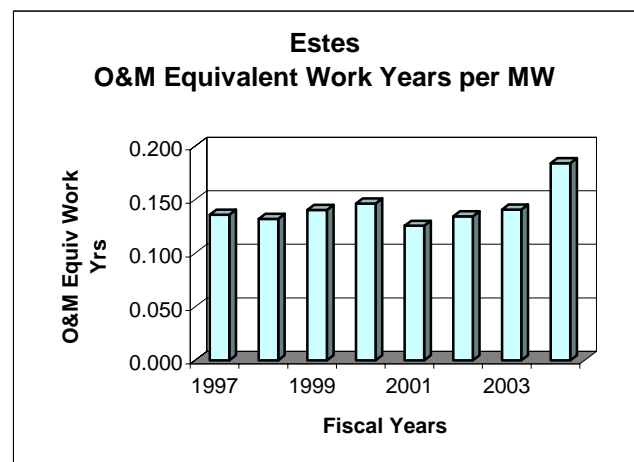
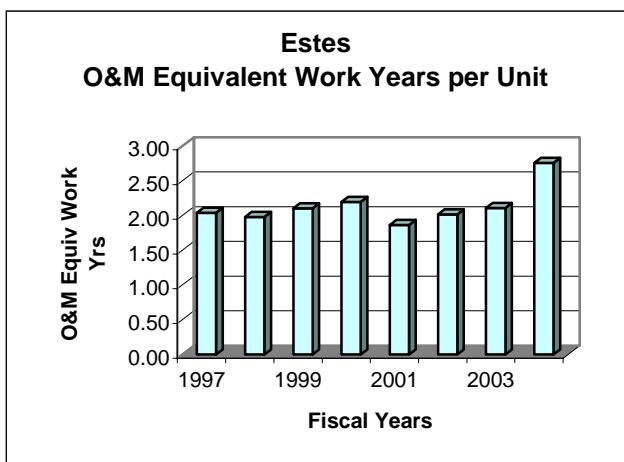
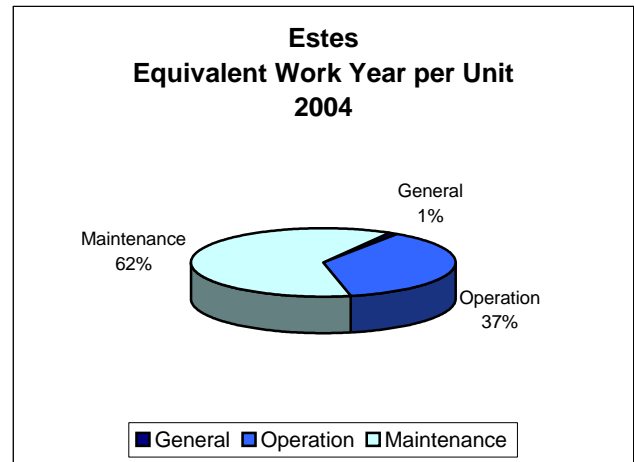
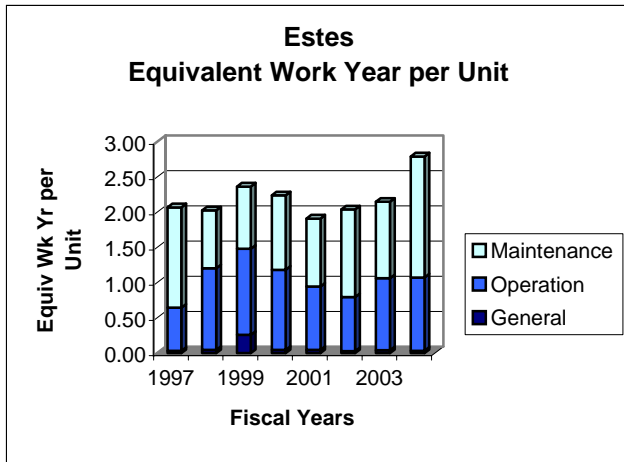


**Benchmark 3
Production Cost**

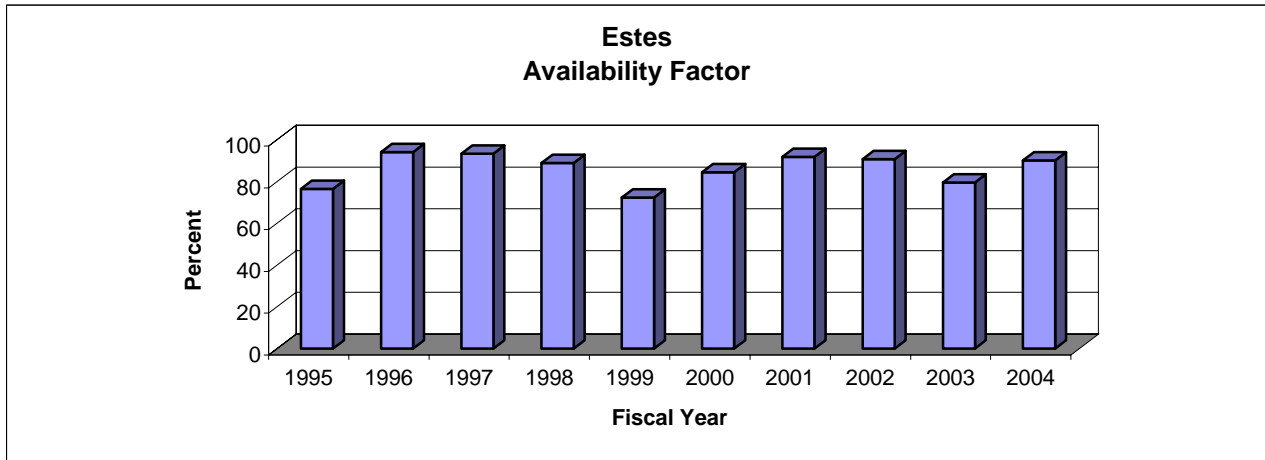


Benchmark 4
Workforce Deployment

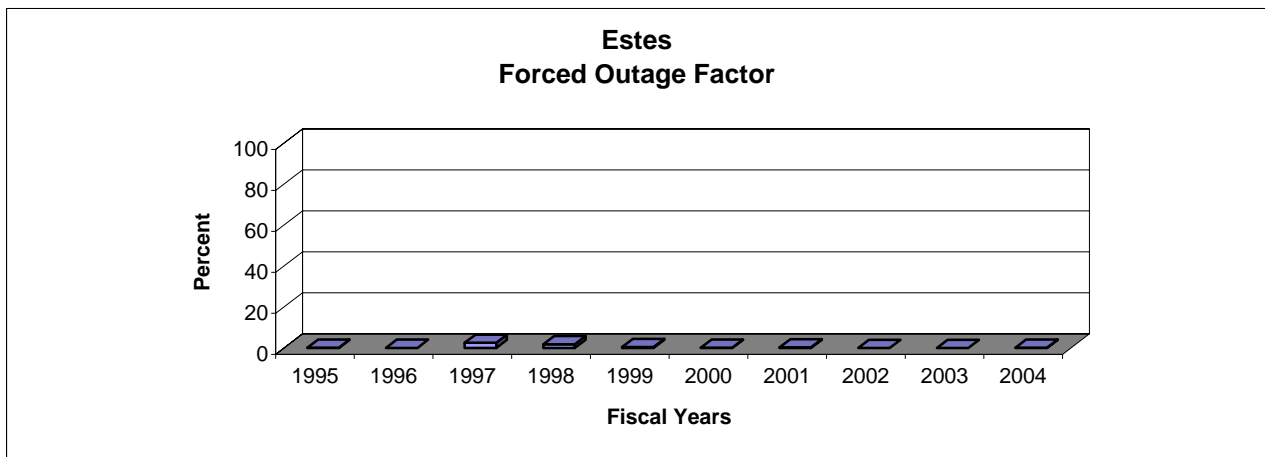
Estes 2004 Equivalent Work Year Levels						
	Equiv Work Year Charged to Powerplant	Leave Additive	Denver and Washington Equiv Work Year Additive	Total Equiv Work Year Allocated to Powerplant	Total Equiv Work Year per Generating Unit	Total Equiv Work Year per Megawatt
General	0.04	0.00	0.05	0.10	0.03	0.00
Operation	2.80	0.32	0.00	3.12	1.04	0.07
Maintenance	4.62	0.53	0.00	5.15	1.72	0.11
Total Staffing	7.46	0.86	0.05	8.37	2.79	0.19



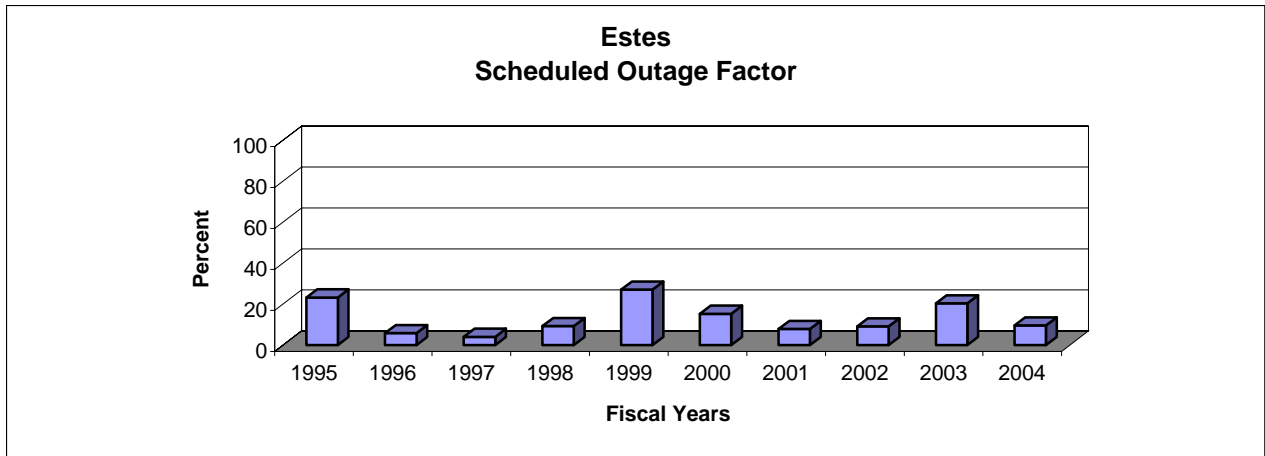
**Benchmark 5
Availability Factor**



**Benchmark 6
Forced Outage Factor**

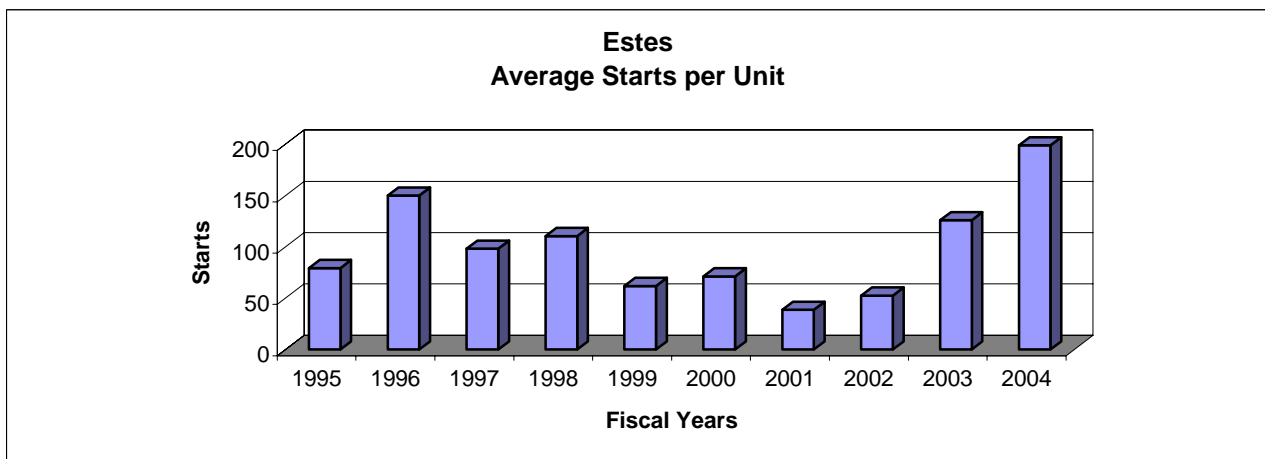


**Benchmark 7
Scheduled Outage Factor**



FY-95 - Extended maintenance on all 3 units

Starts



**Estes Powerplant
30-100 MW**

Benchmark Data Comparison					
Fiscal Year 2004	Estes Powerplant	Reclamation Average 30-100 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	3.79%	Not Applicable	13.5%	Not Applicable	Not Applicable
O&M Cost \$/MWh	12.85	7.90	2.77	48.48	1.23
O&M Costs \$/MW	30,437.01	19,931.46	7,316.97	26,917.84	2,951.22
O&M Equip Work Year per MW	0.18	0.11	0.04	Not Available	0.000
Availability Factor	90.2	88.1	86.9	**89.2	99.97
Forced Outage Factor	0.2	0.3	0.7	**1.9	0.00
Scheduled Outage Factor	9.6	11.5	12.4	**8.9	0.02

*Weighted by Net Generation

**2003 NERC Average

***Energy Information Administration Data