

Estes Powerplant Colorado-Big Thompson Project

Ancillary Services

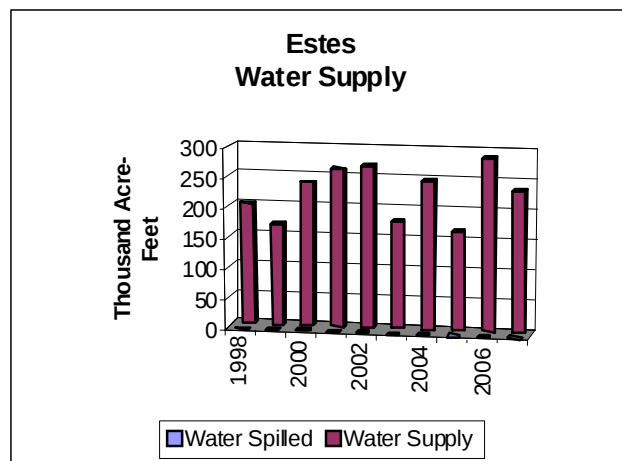
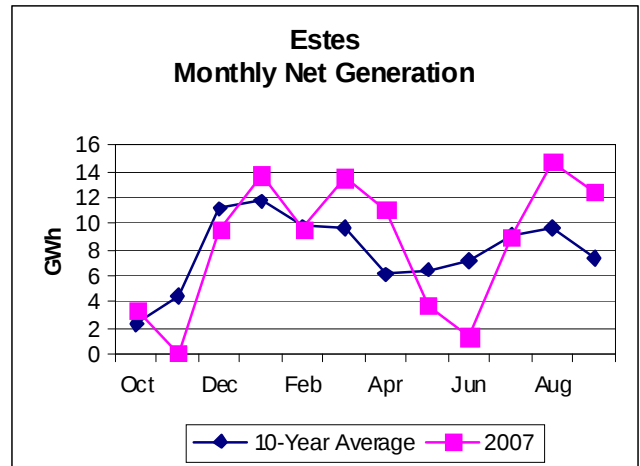
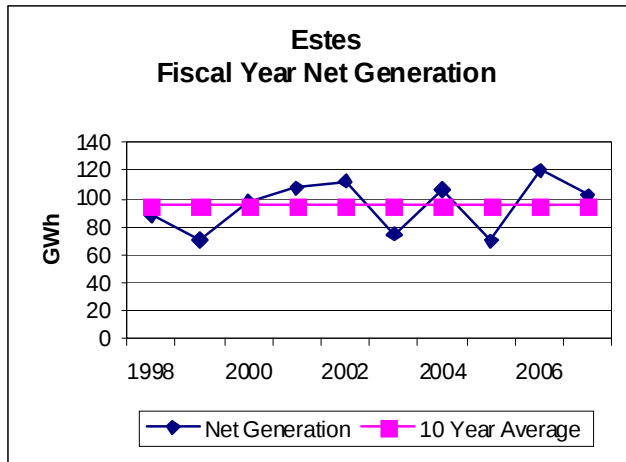
Estes Ancillary Services	
Spinning Reserve	Yes
Non-Spinning Reserve	Yes
Replacement Reserve	No
Regulation/Load Following	Yes
Black Start	Yes
Voltage Support	Yes

Generators

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

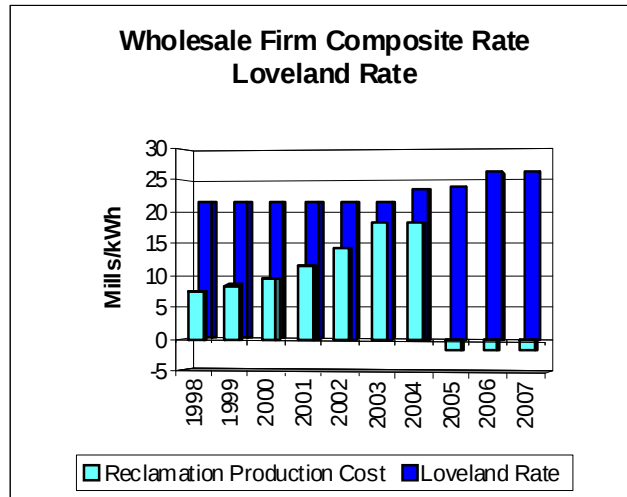
**Estes Powerplant
30-100 MW**

Generation

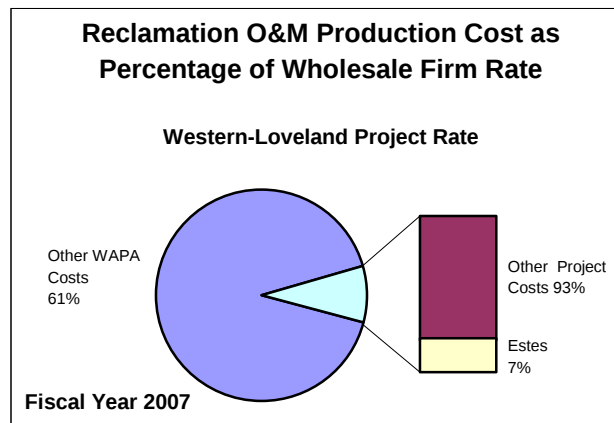


Prime Laboratory Benchmarks

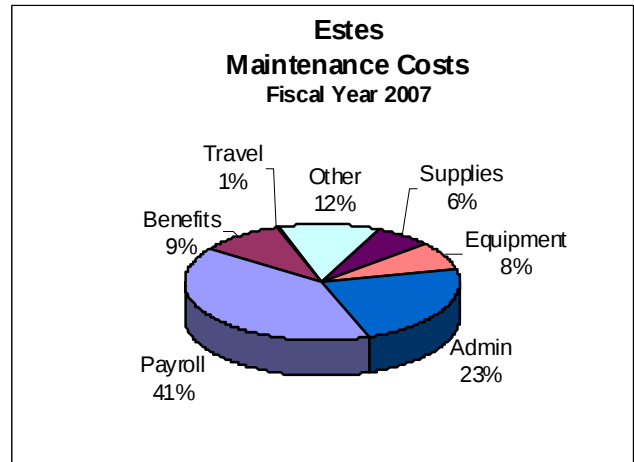
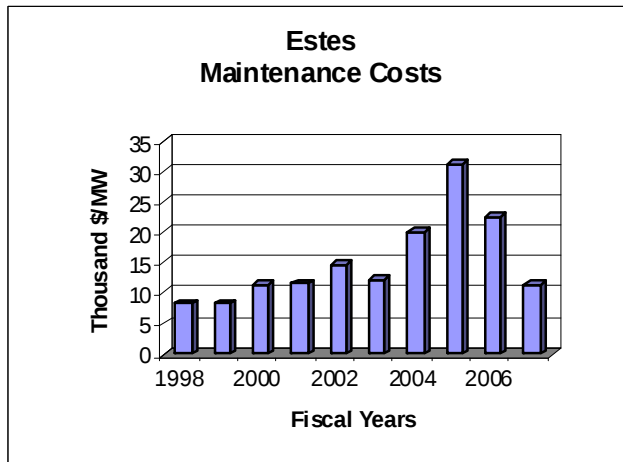
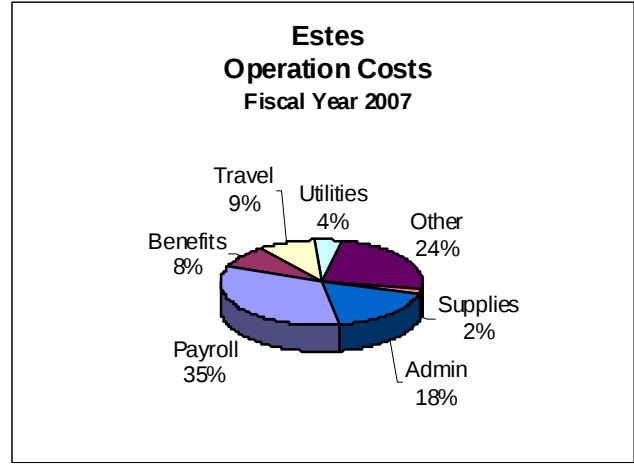
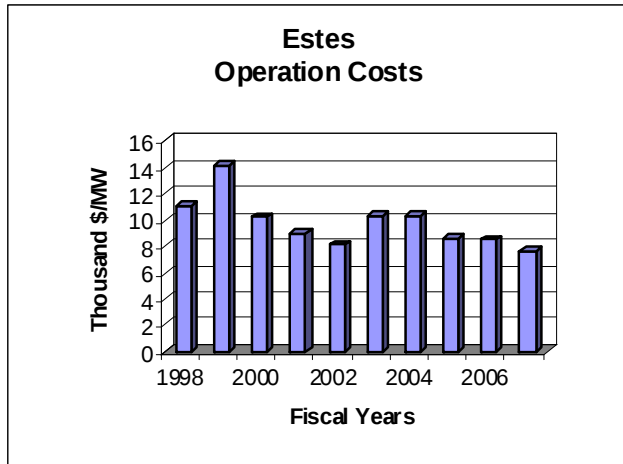
Benchmark 1 Wholesale Firm Rate



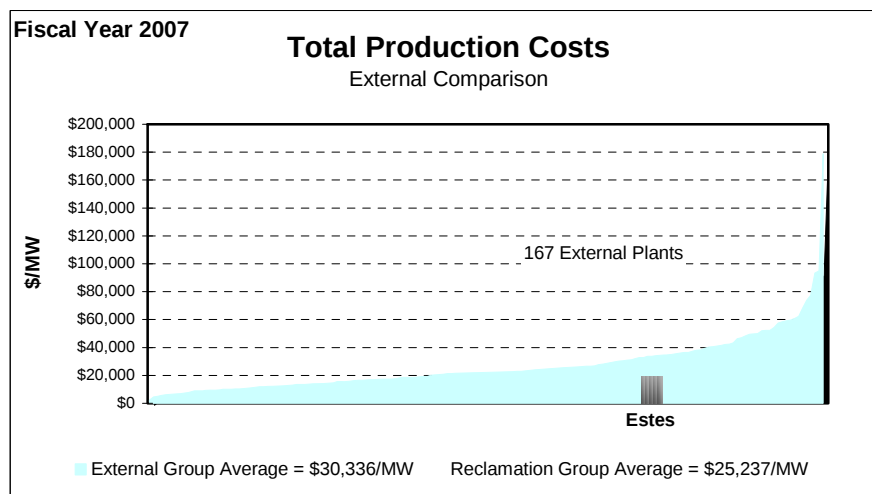
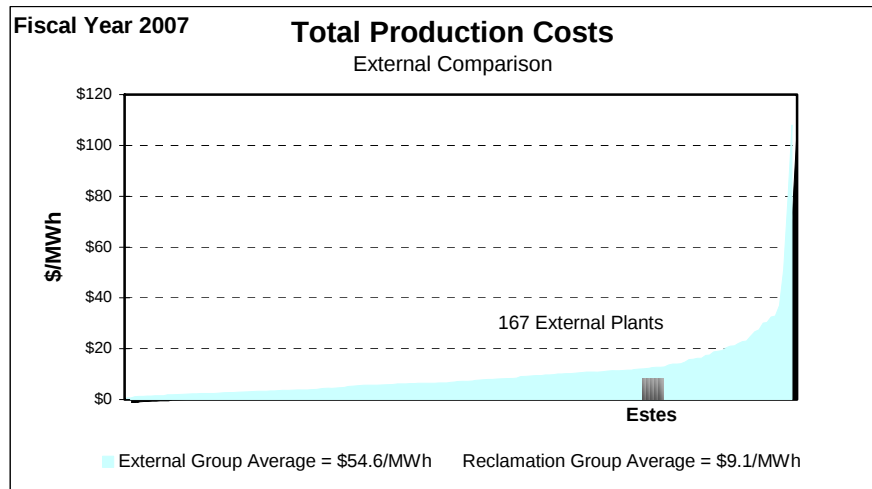
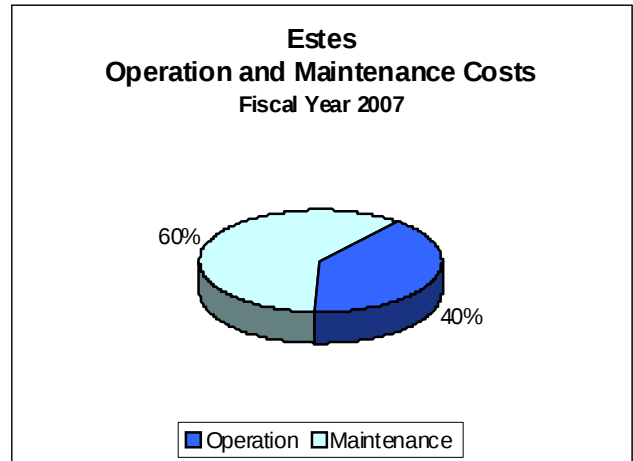
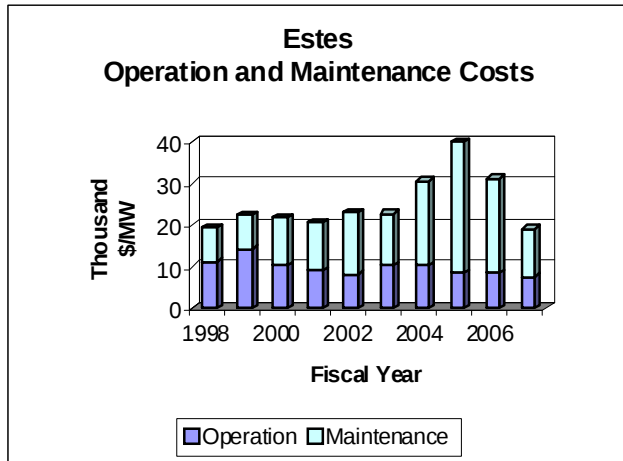
Benchmark 2 Reclamation's Production Costs as Percentage of Wholesale Firm Rate



Benchmark 3
Production Costs



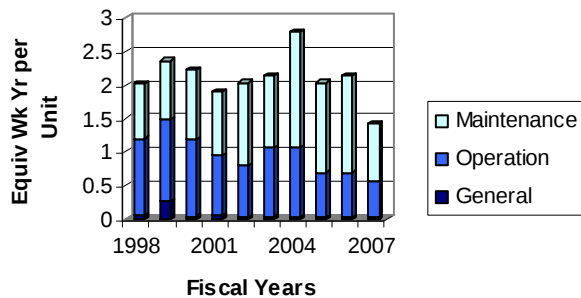
**Benchmark 3
Production Costs**



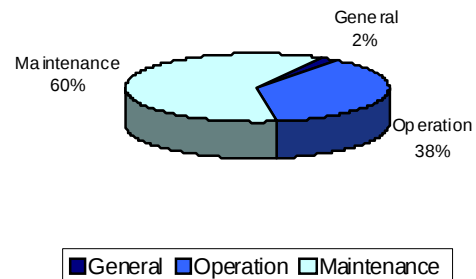
**Benchmark 4
Workforce Deployment**

Estes 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	0.02	0.00	0.05	0.08	0.03	0.00
Operation	1.45	0.16	0.00	1.61	0.54	0.04
Maintenance	2.34	0.26	0.00	2.60	0.87	0.06
Total Staffing	3.81	0.43	0.05	4.29	1.43	0.10

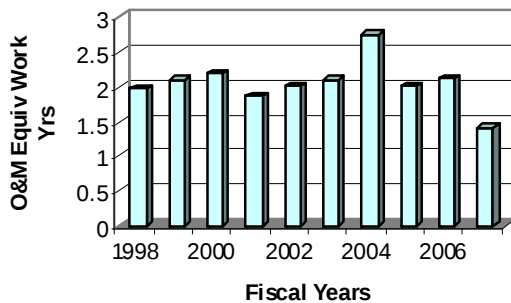
**Estes
Equivalent Work Year per Unit**



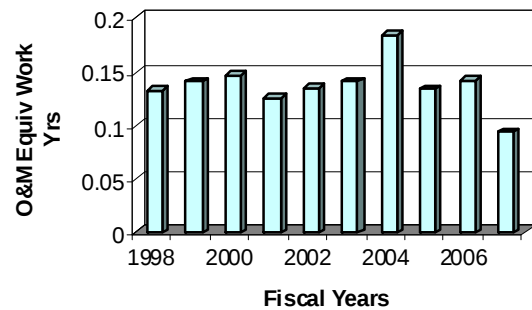
**Estes
Equivalent Work Year per Unit
2007**



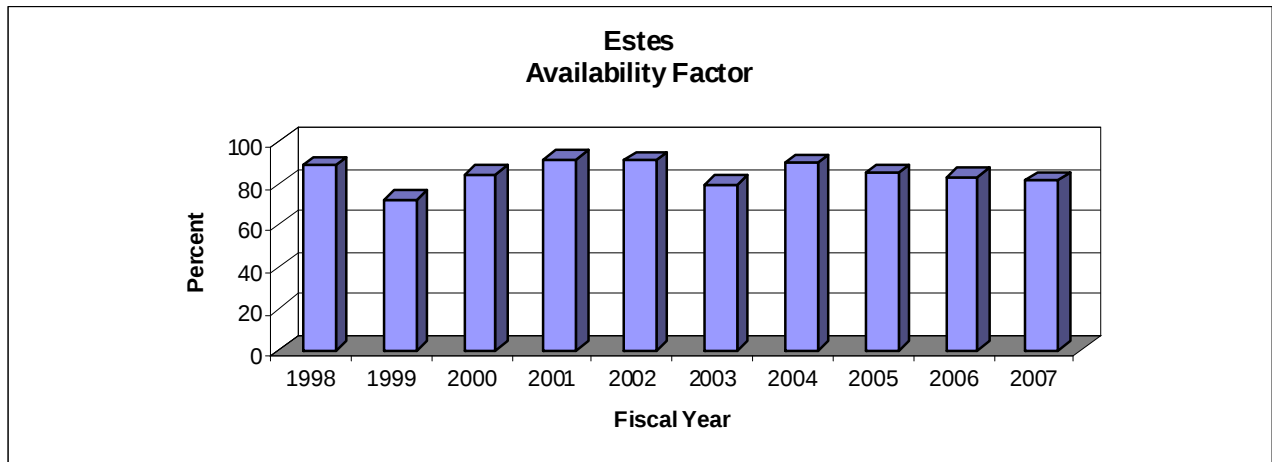
**Estes
O&M Equivalent Work Years per Unit**



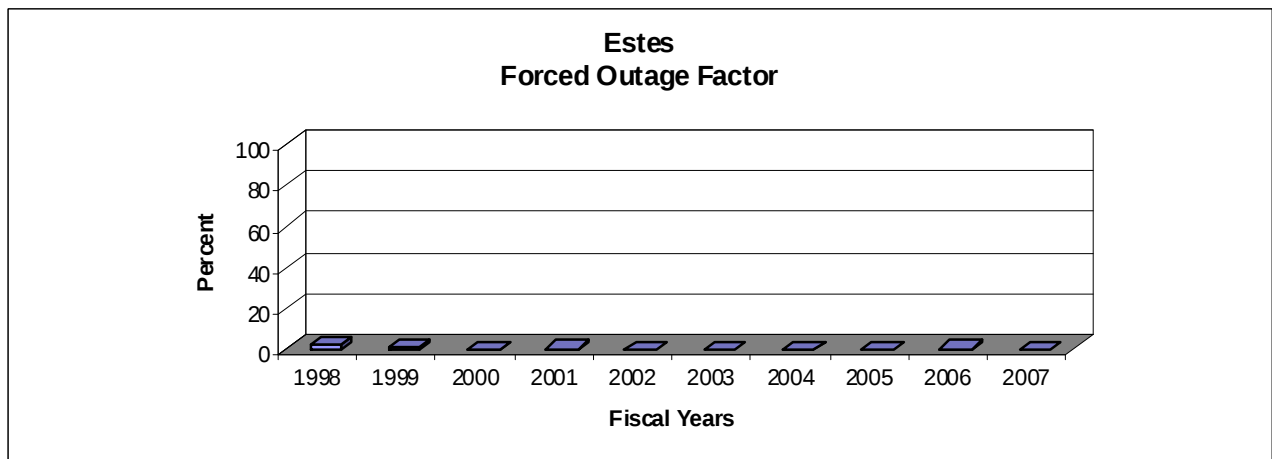
**Estes
O&M Equivalent Work Years per MW**



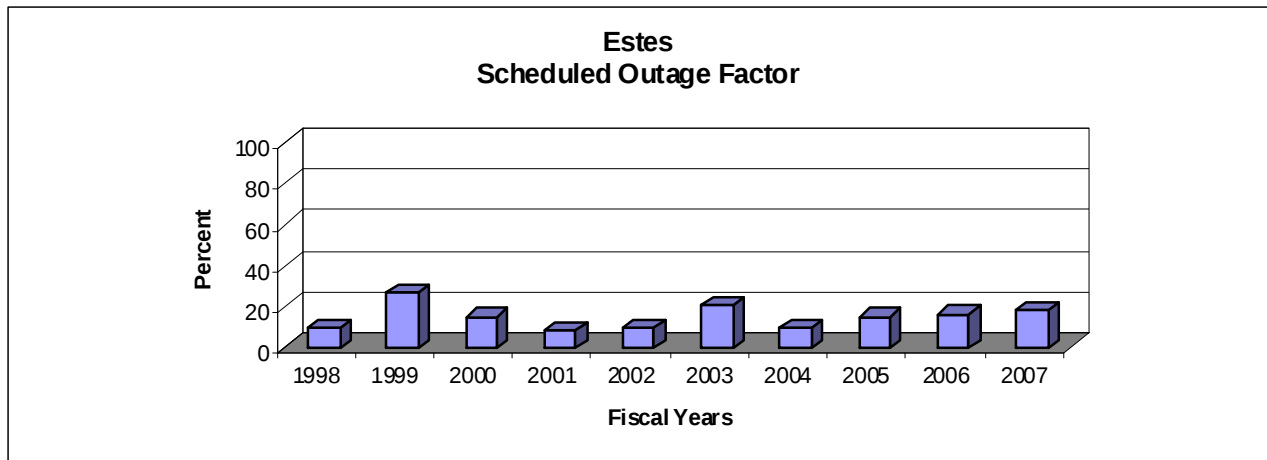
**Benchmark 5
Plant Availability Factor**



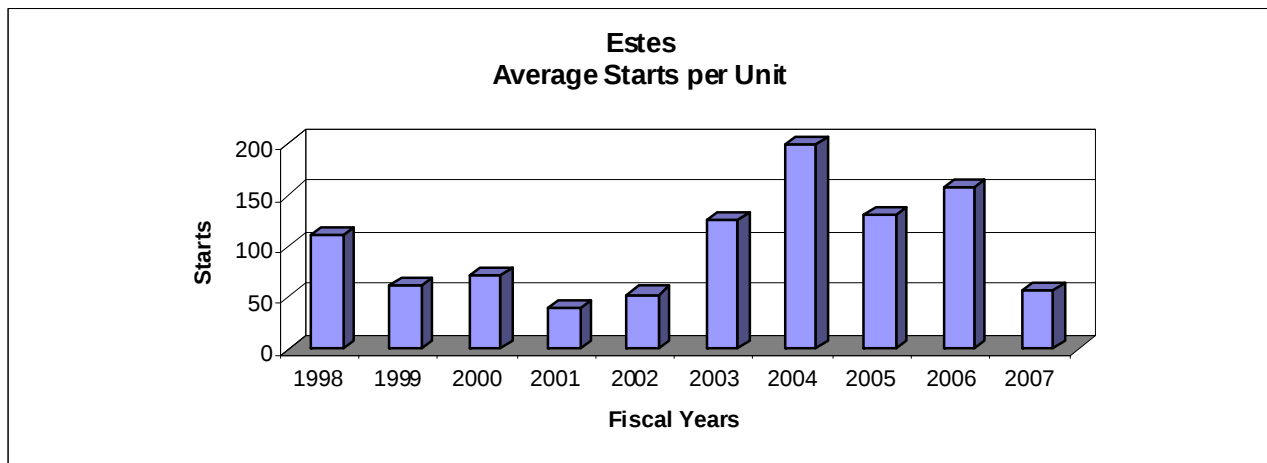
**Benchmark 6
Plant Forced Outage Factor**



**Benchmark 7
Plant Scheduled Outage Factor**



Unit Starts



**Estes Powerplant
30-100 MW**

Benchmark Data Comparison					
Fiscal Year 2007	Estes Powerplant	Reclamation Average 30- 100 MW Group	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	23.9	Not Applicable	*22.45	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	1.94%	Not Applicable	12.1%	Not Applicable	Not Applicable
O&M Cost \$/MWh	8.40	7.85	2.76	***54.63	1.00
O&M Costs \$/MW	19,046	24,132	7,847	***30,336	2,897
O&M Equiv Work Year per MW	0.09	0.10	0.03	Not Available	0.0
Availability Factor	81.7	81.3	82.3	**88.64	98.5
Forced Outage Factor	0.1	0.2	2.6	**2.61	0.0
Scheduled Outage Factor	18.1	18.5	15.1	**8.74	0.0

*Weighted by Net Generation

**2006 NERC Average

***Energy Information Administration Data