

Trinity Powerplant Central Valley Project

Ancillary Services

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

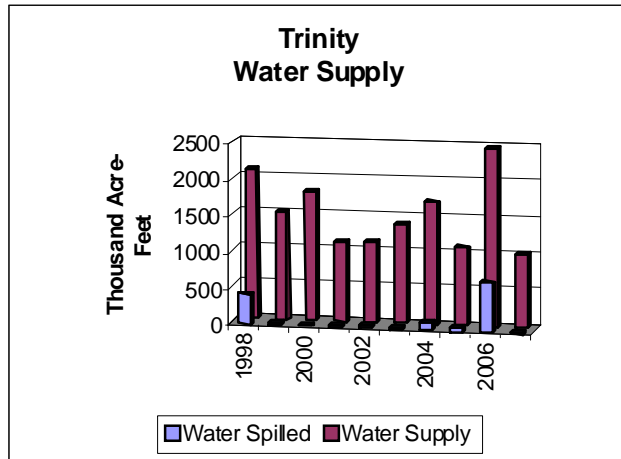
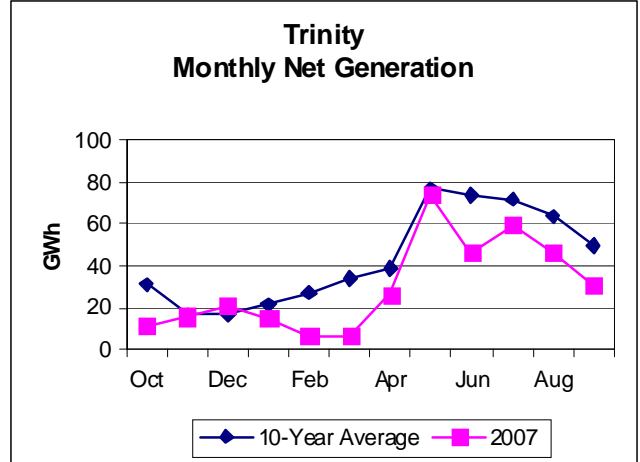
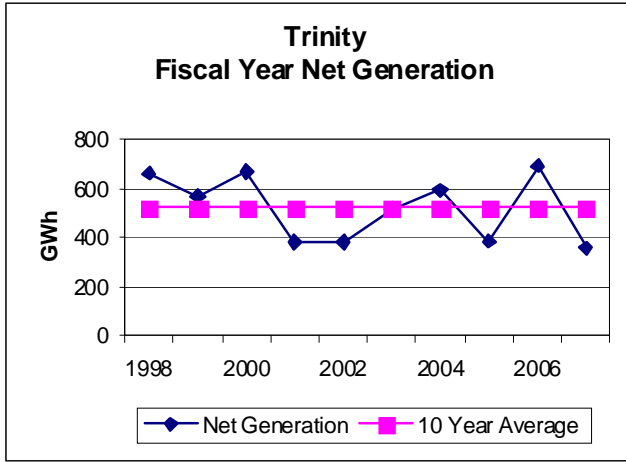
Generators

Trinity Generators			
Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	50,000	20,000	70,000
2	50,000	20,000	70,000
2 units	100,000	40,000	140,000

The maximum operational capacity is restricted by transformers to 130,000 kW

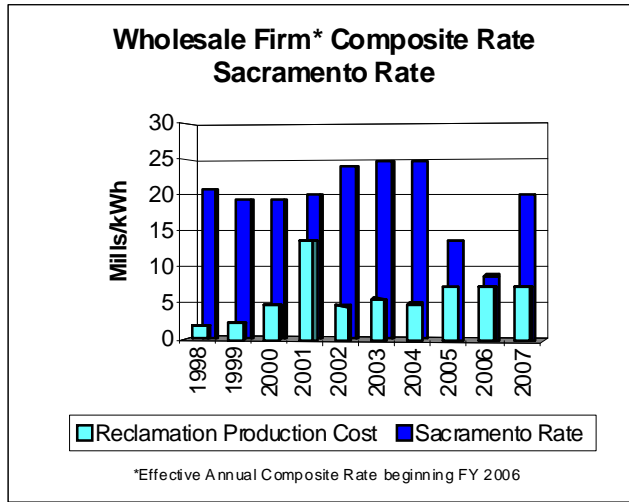
**Trinity Powerplant
100-500 MW**

Generation

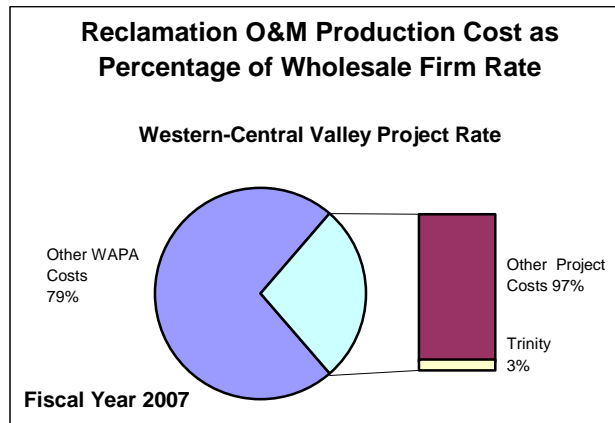


Prime Laboratory Benchmarks

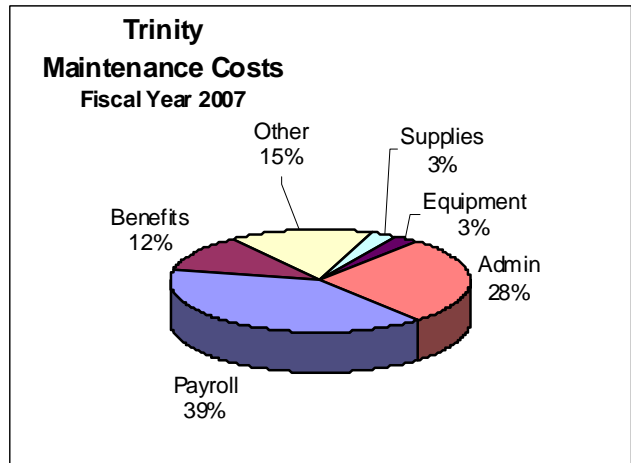
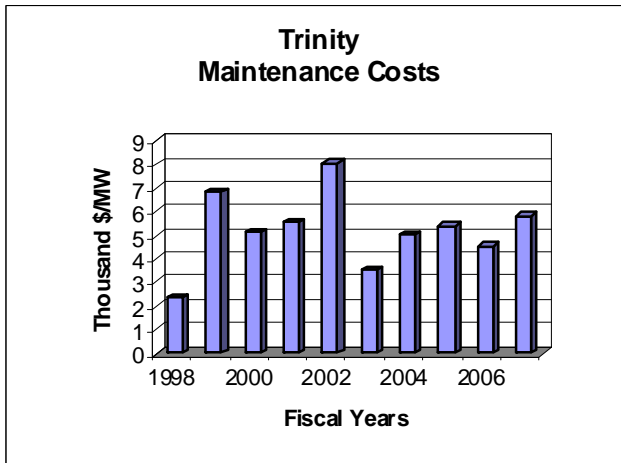
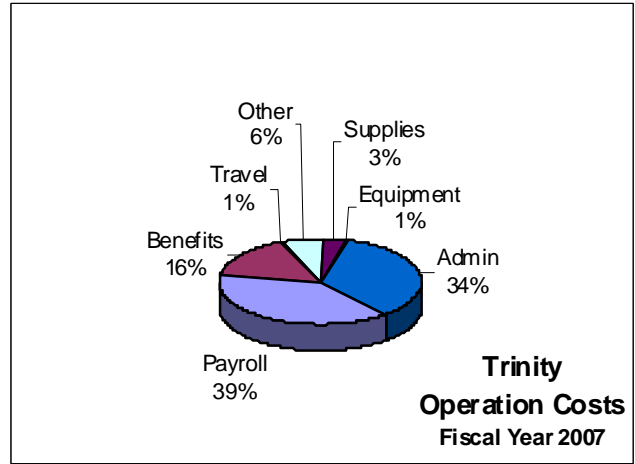
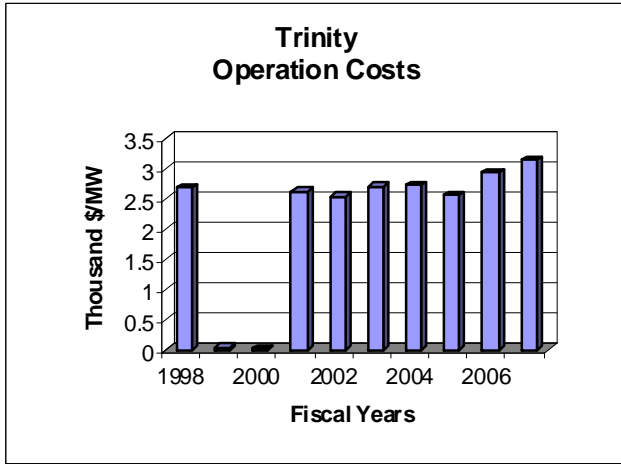
**Benchmark 1
Wholesale Firm Rate**



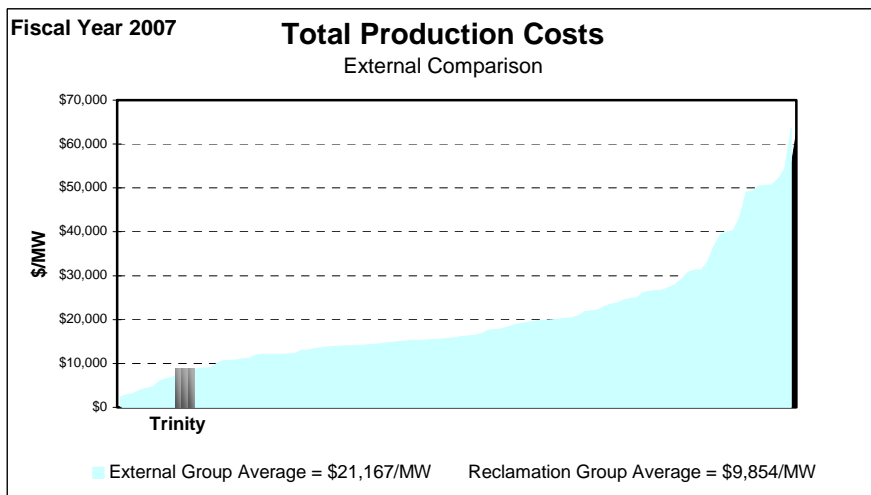
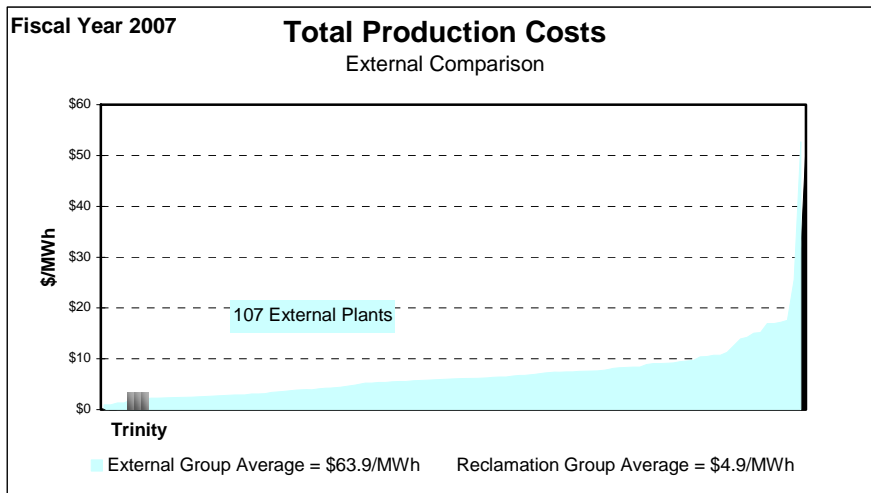
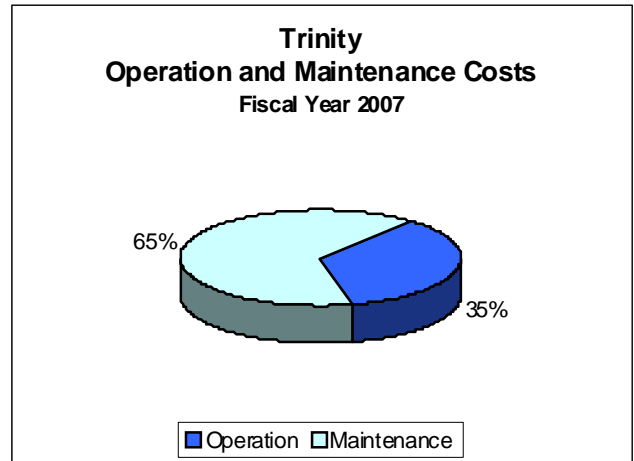
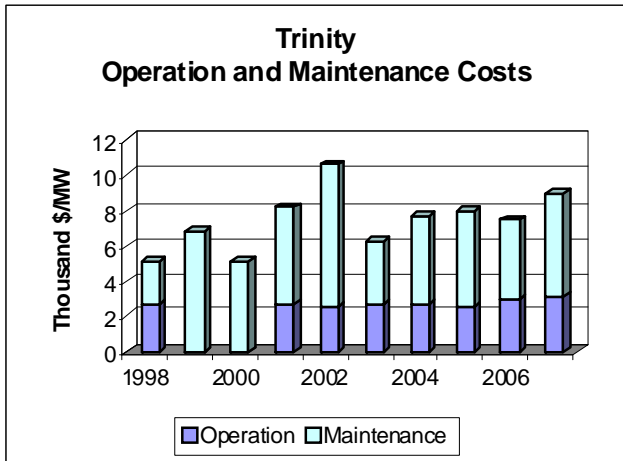
**Benchmark 2
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**



**Benchmark 3
Production Cost**

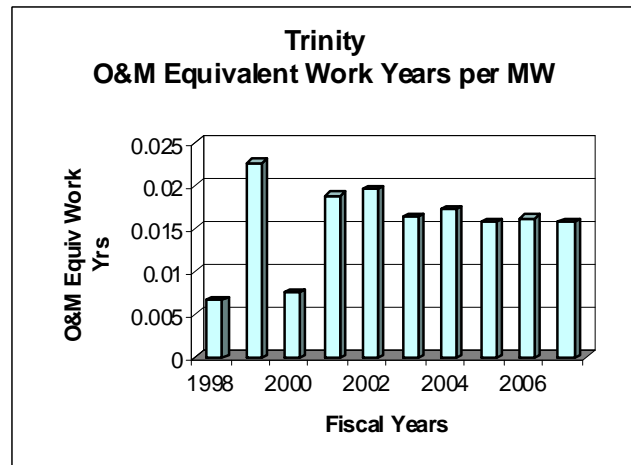
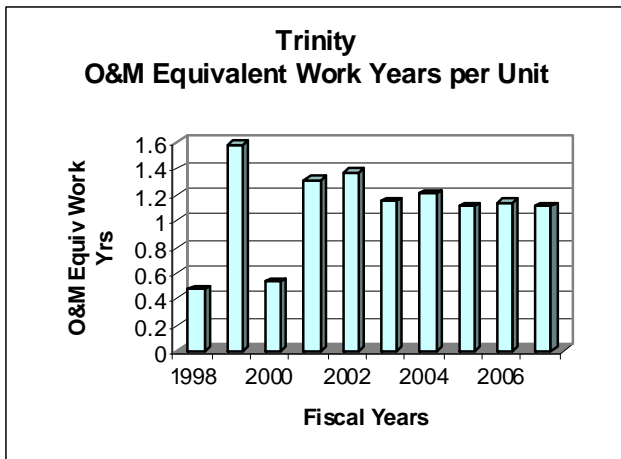
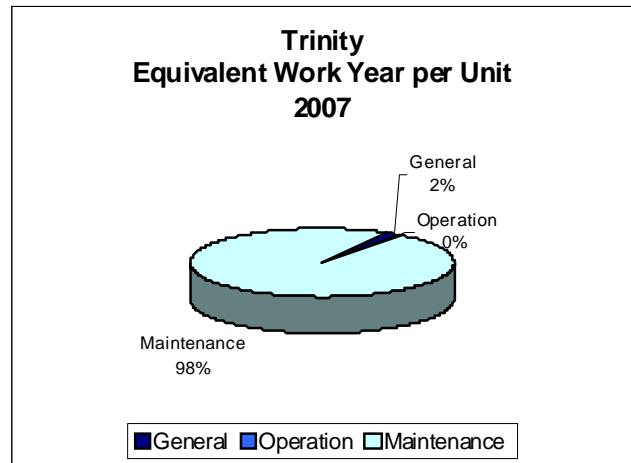
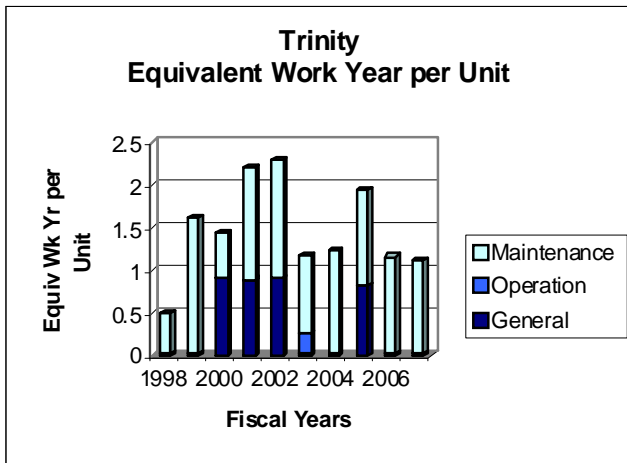


Benchmark 3
Production Cost

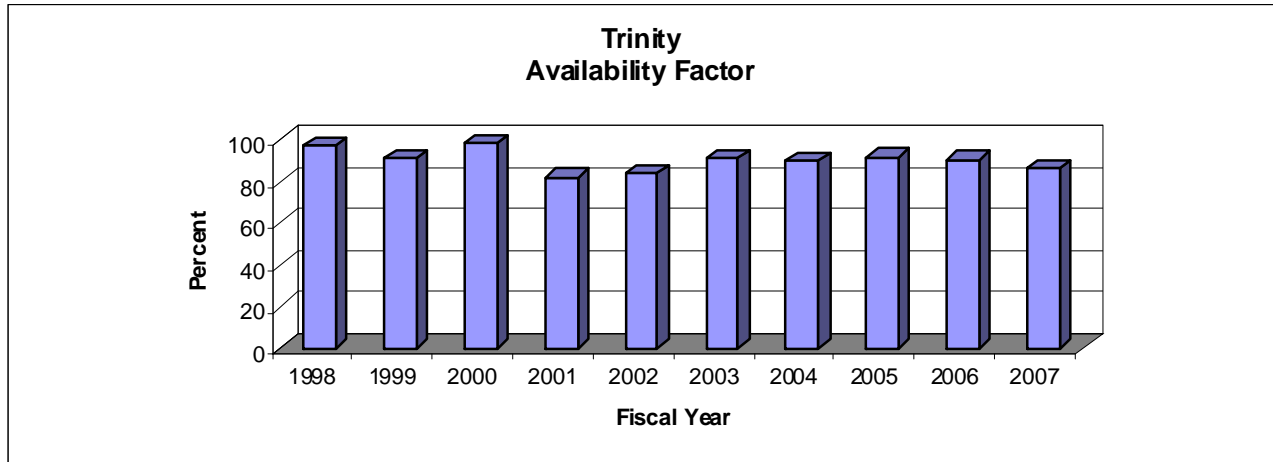


Benchmark 4
Workforce Deployment

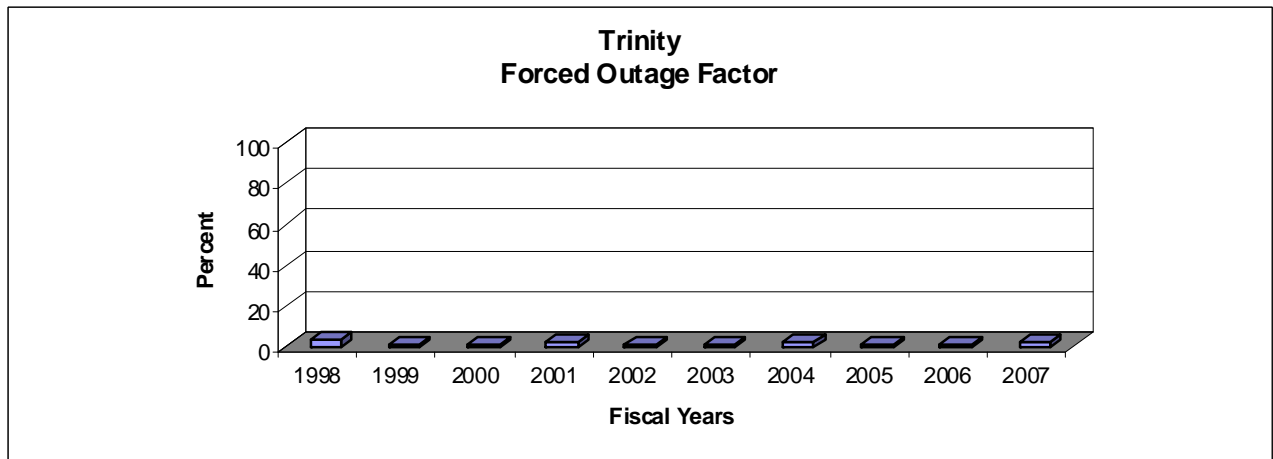
Trinity FY 2007 Equivalent Work Staffing Year Levels						
	Equivalent Work Year Staffing Charged to Powerplant	Leave Additive	Denver and Washington Equivalent Work Year Staffing Additive	Total Equivalent Work Year Allocated to Powerplant	Total Equivalent Staffing Work Year per Generating Unit	Total Equivalent Work Year Staffing per Megawatt
General	0.00	0.00	0.04	0.04	0.02	0.00
Operation	0.01	0.00	0.00	0.01	0.00	0.00
Maintenance	2.02	0.19	0.00	2.21	1.10	0.02
Total Staffing	2.02	0.20	0.04	2.25	1.13	0.02



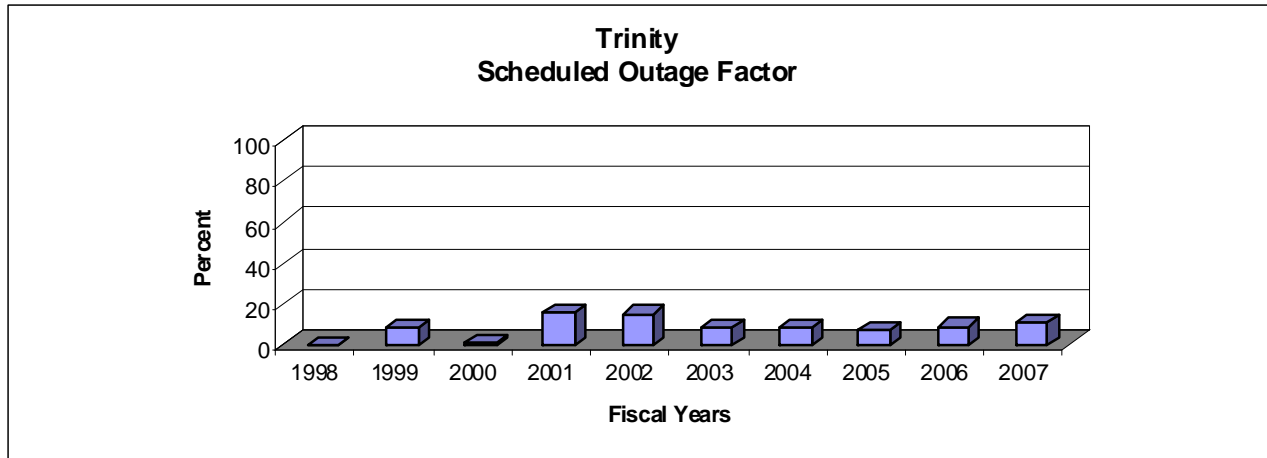
**Benchmark 5
Availability Factor**



**Benchmark 6
Forced Outage Factor**

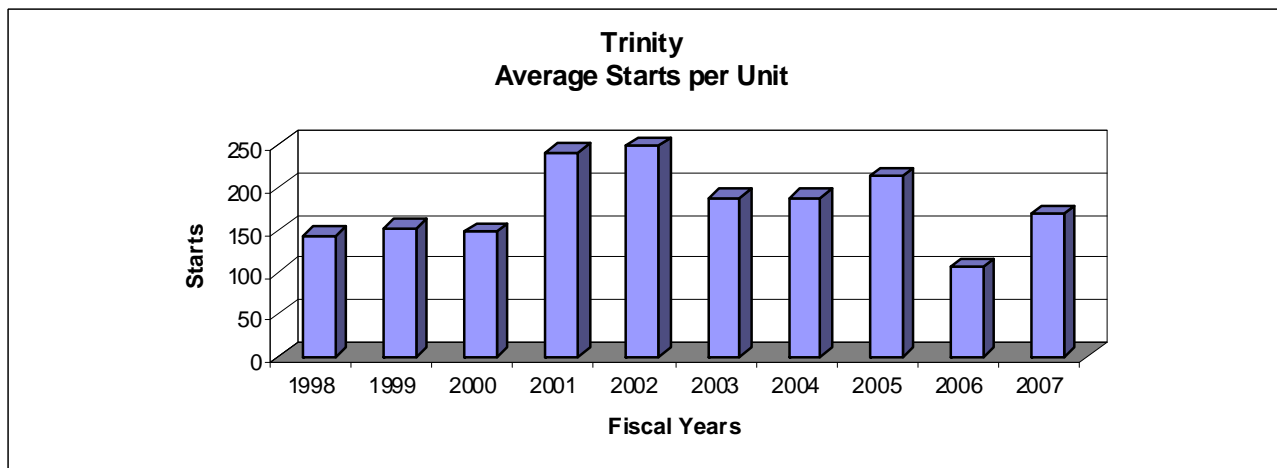


**Benchmark 7
Scheduled Outage Factor**



FY-01 – Extensive welding for cavitation repair
FY-02 – Replacement of all main unit circuit breakers

Starts



Benchmark Data Comparison					
Fiscal Year 2007	Trinity Powerplant	Reclamation Average 100-500 MW Group	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	13.7	Not Applicable	*22.45	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	1.5%	Not Applicable	12.1%	Not Applicable	Not Applicable
O&M Cost \$/MWh	3.49	4.44	2.76	***63.88	1.00
O&M Costs \$/MW	8,941	10,502	7,847	***21,167	2,897
O&M Equiv Work Year per MW	0.02	0.04	0.03	Not Available	0.0
Availability Factor	86.5	83.5	82.3	**88.64	98.5
Forced Outage Factor	2.5	1.2	2.6	**2.61	0.0
Scheduled Outage Factor	11.0	15.4	15.1	**8.74	0.0

*Weighted by Net Generation

**2006 NERC Average

***Energy Information Administration Data