

Boysen Powerplant Pick-Sloan Missouri Basin Program

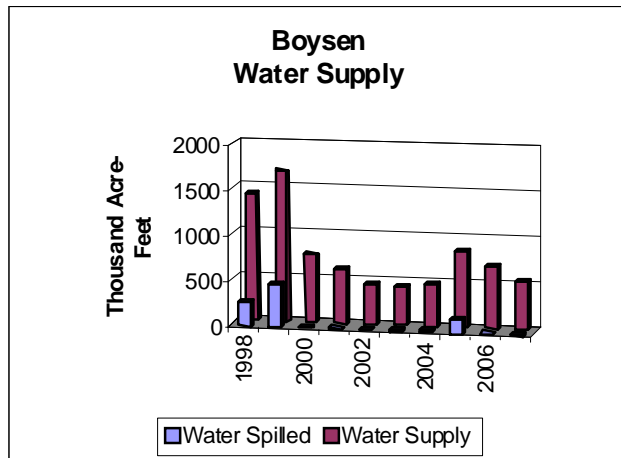
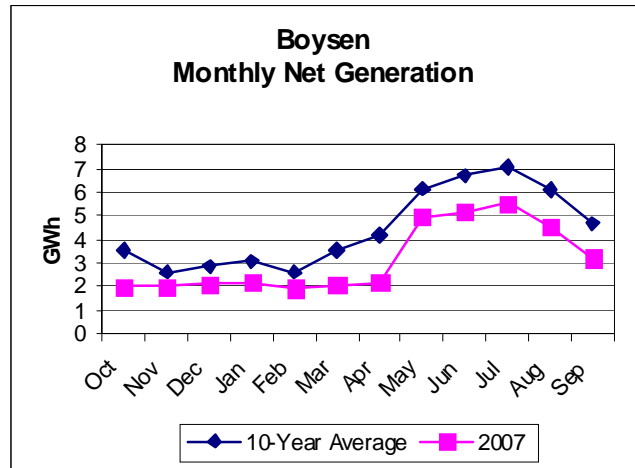
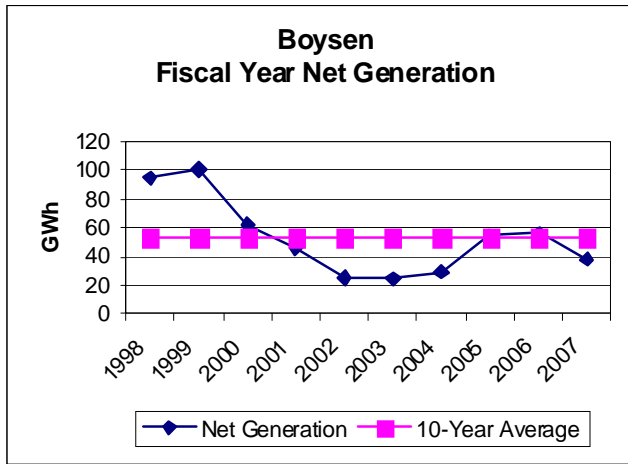
Ancillary Services

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

Generators

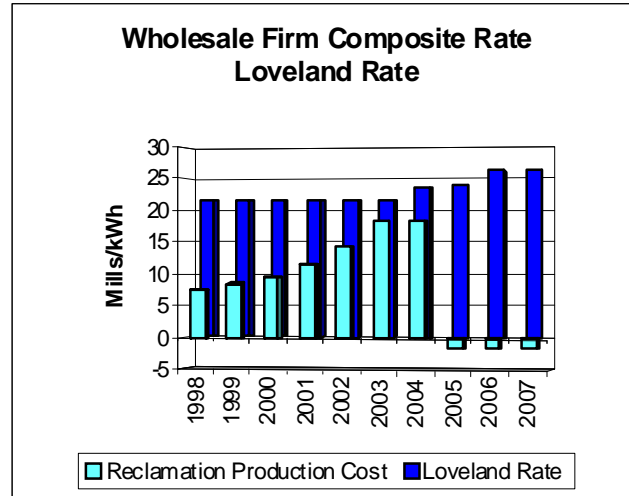
Boysen Generators			
Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	7,500	-	7,500
2	7,500	-	7,500
2 units	15,000	-	15,000

Generation

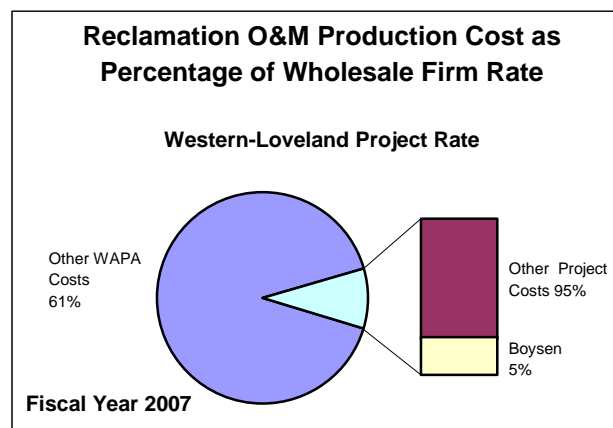


Prime Laboratory Benchmarks

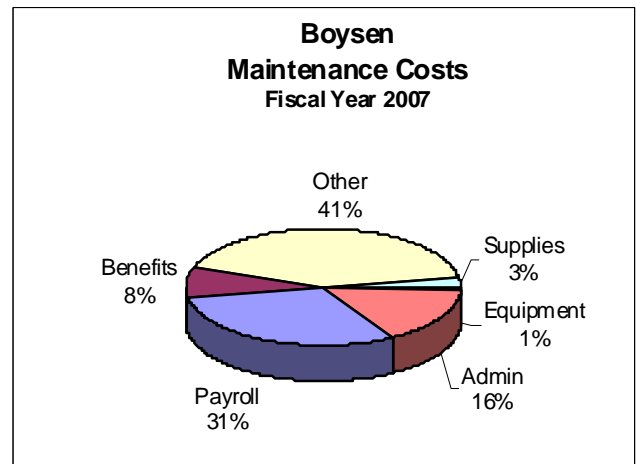
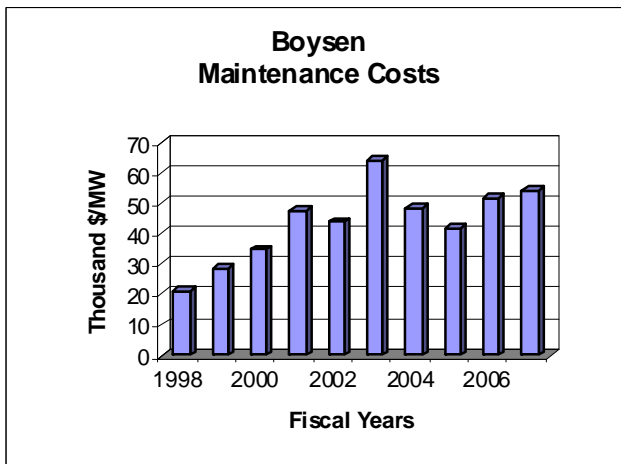
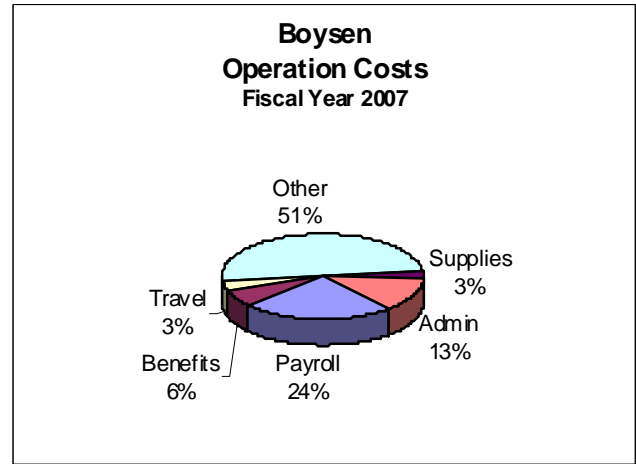
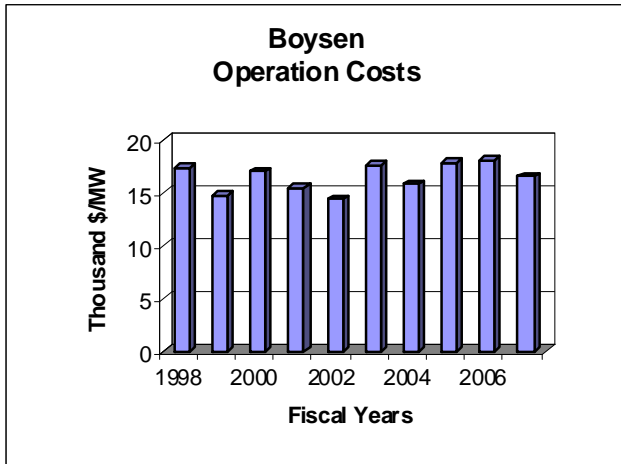
Benchmark 1 Wholesale Firm Rate



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



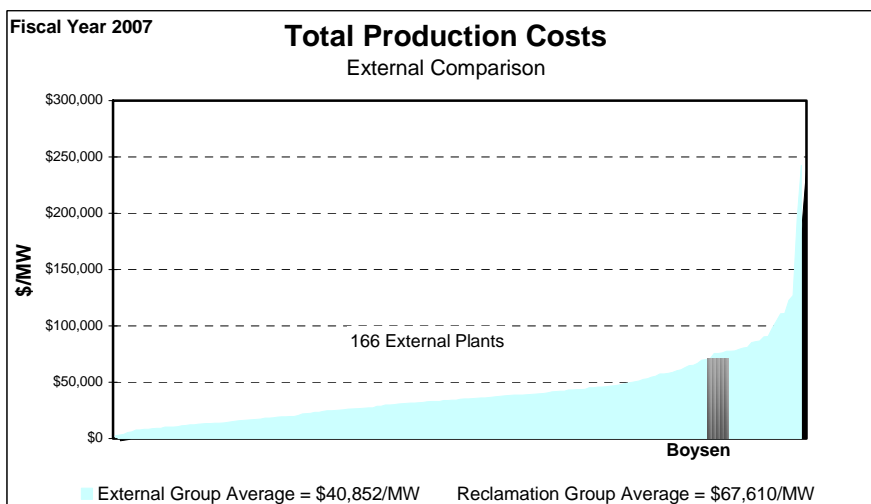
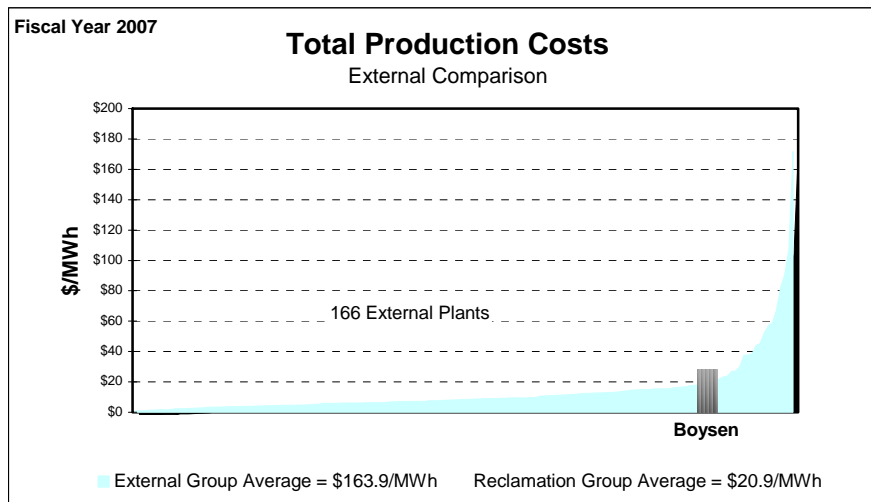
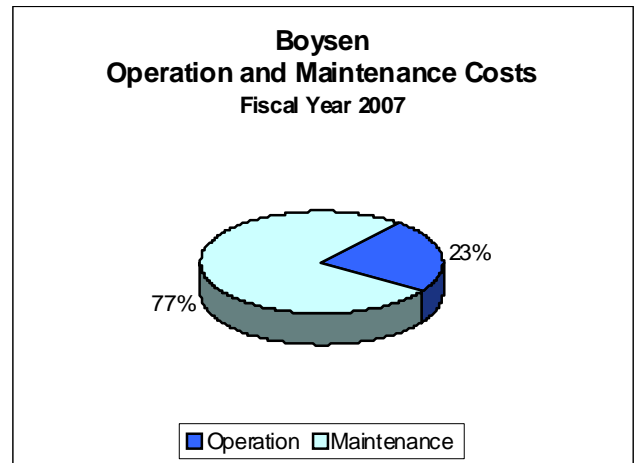
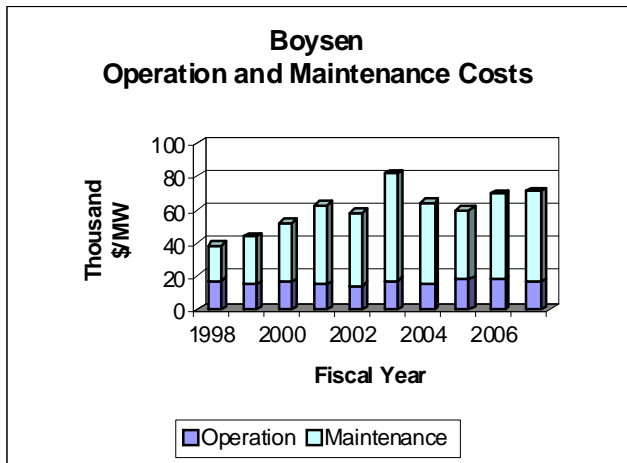
**Benchmark 3
Production Costs**



FY 2001 – Repair of Unit #2 wicket gates and re-packing of penstock expansion joints.

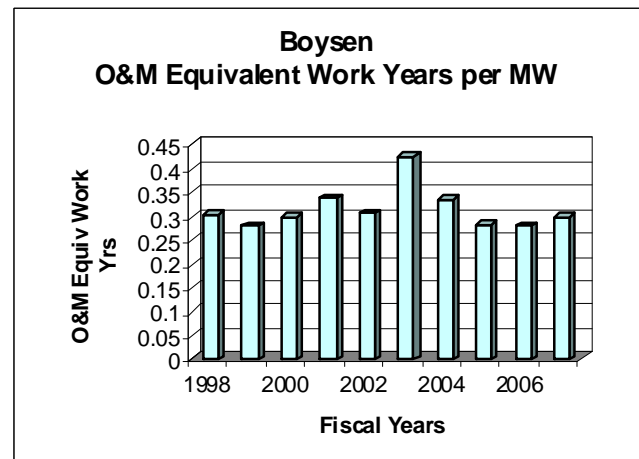
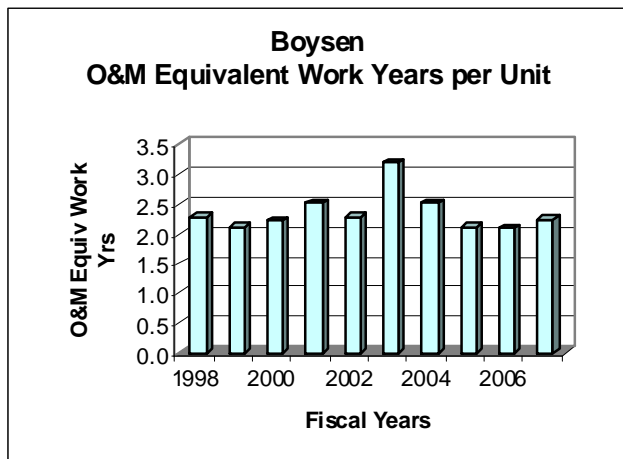
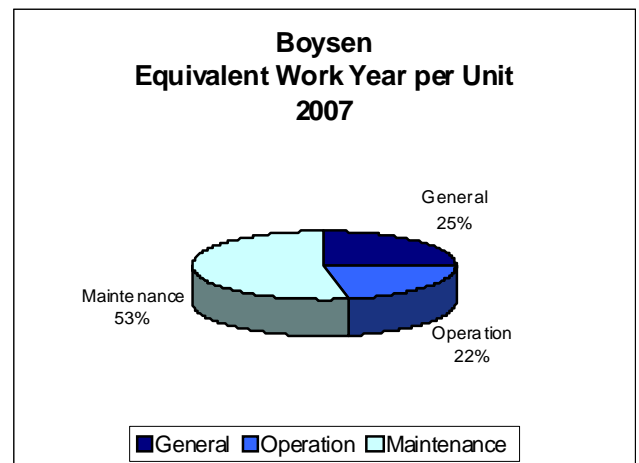
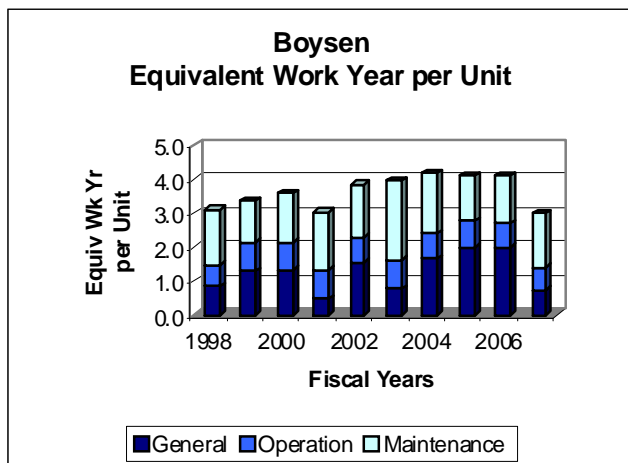
FY 2003 – Maintenance Costs include wicket gate greasing system repairs and transformer Doble testing.

**Benchmark 3
Production Costs**

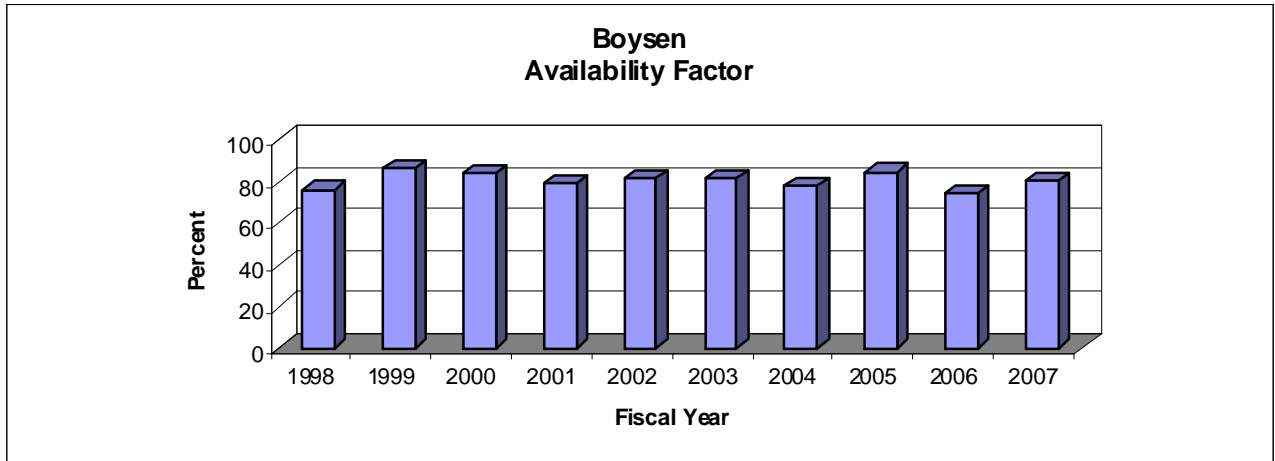


Benchmark 4
Workforce Deployment

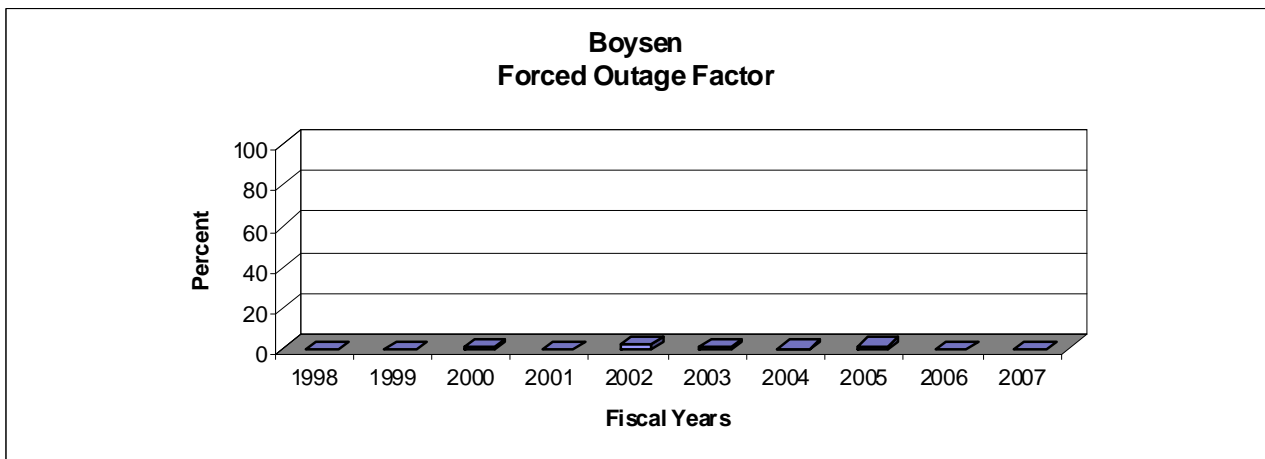
Boysen FY 2007 Equivalent Work Staffing Year Levels						
	Equivalent Work Year Staffing Charged to Powerplant	Leave Additive	Denver and Washington Equivalent Work Year Staffing Additive	Total Equivalent Work Year Allocated to Powerplant	Total Equivalent Staffing Work Year per Generating Unit	Total Equivalent Work Year Staffing per Megawatt
General	1.30	0.15	0.04	1.49	0.74	0.10
Operation	1.18	0.13	0.00	1.31	0.66	0.09
Maintenance	2.83	0.32	0.00	3.15	1.58	0.21
Total Staffing	5.32	0.60	0.04	5.95	2.98	0.40



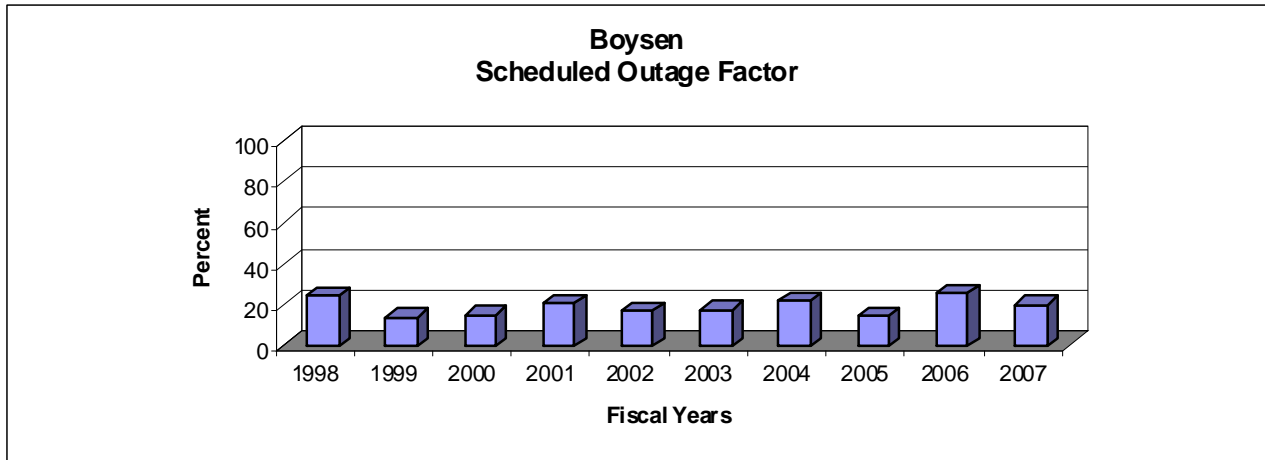
**Benchmark 5
Plant Availability Factor**



**Benchmark 6
Plant Forced Outage Factor**



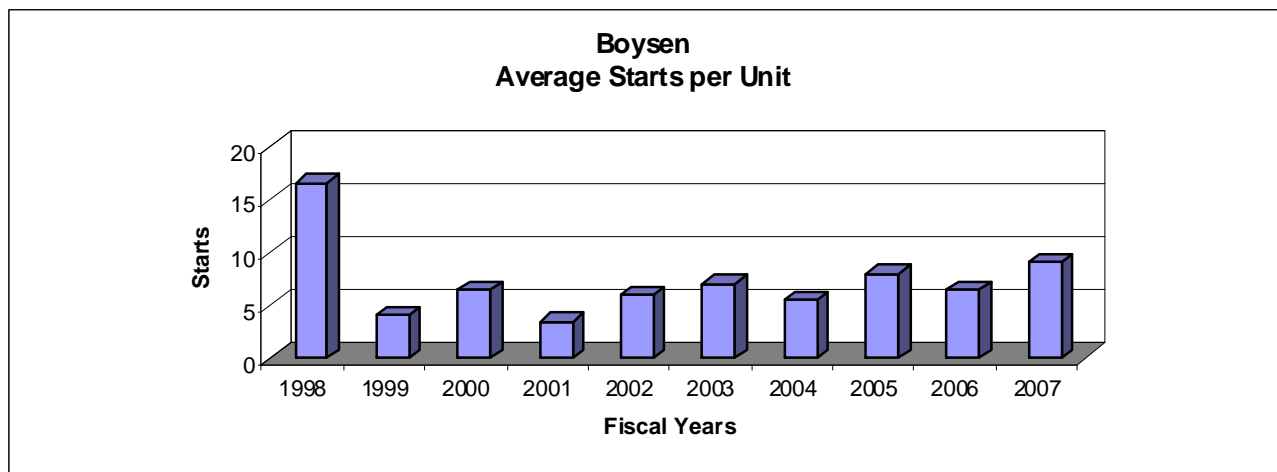
**Benchmark 7
Plant Scheduled Outage Factor**



FY-1997 – Unit 2 extended maintenance.

FY-1998 – Units 1 and 2 voltage regulator and exciter replacement.

Unit Starts



Benchmark Data Comparison					
Fiscal Year 2007	Boysen Powerplant	Reclamation Average 10-30 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	2.42%	Not Applicable	12.1%	Not Applicable	Not Applicable
O&M Cost \$/MWh	28.18	16.40	2.76	***163.95	1.00
O&M Costs \$/MW	71,112	62,731	7,847	***40,852	2,897
O&M Equip Work Year per MW	0.30	0.2	0.03	Not Available	0.0
Availability Factor	80.0	88.5	82.3	**88.64	98.5
Forced Outage Factor	0.00	0.1	2.6	**2.61	0.0
Scheduled Outage Factor	20.0	11.4	15.1	**8.74	0.0

*Weighted by Net Generation

**2006 NERC Average

***Energy Information Administration Data