

Buffalo Bill Powerplant
Pick-Sloan Missouri Basin Program

Ancillary Services

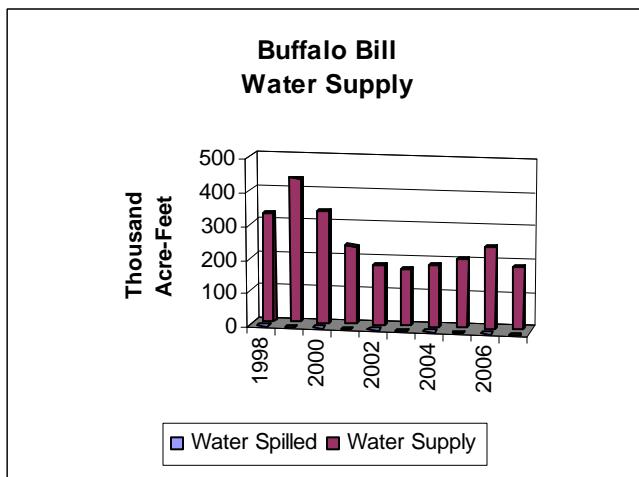
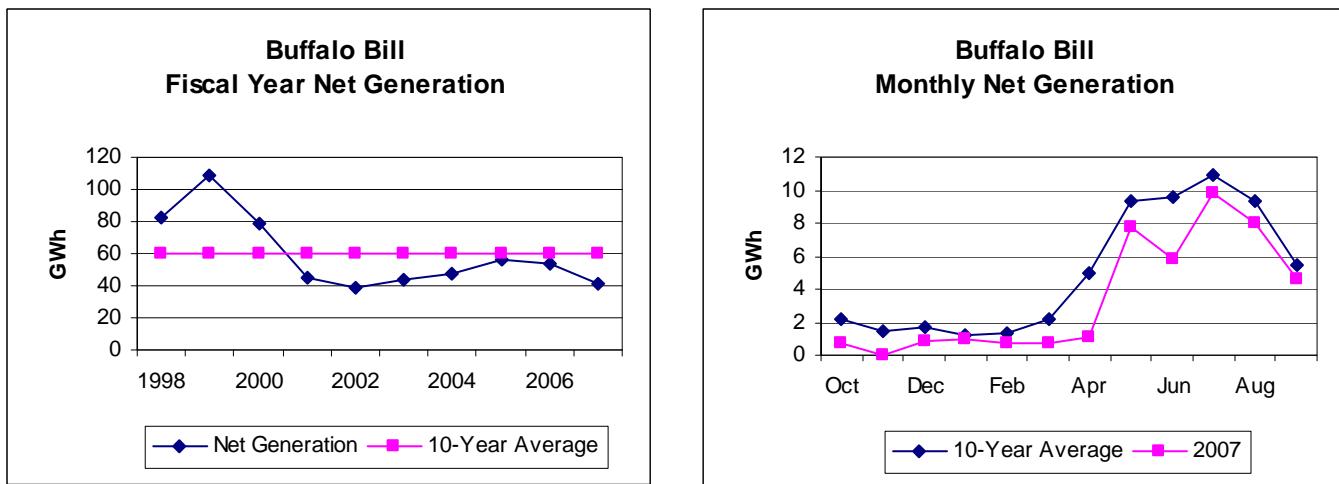
Buffalo Bill Ancillary Services	
Spinning Reserve	No
Non-Spinning Reserve	No
Replacement Reserve	No
Regulation/Load Following	No
Black Start	No
Voltage Support	Yes

Generators

Buffalo Bill Generators			
Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	6,000	-	6,000
2	6,000	-	6,000
3	6,000	-	6,000
3 units	18,000	-	18,000

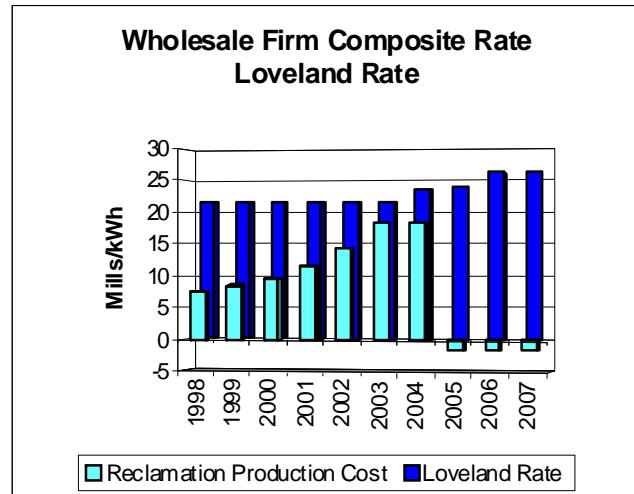
Buffalo Bill Powerplant
10-30 MW

Generation

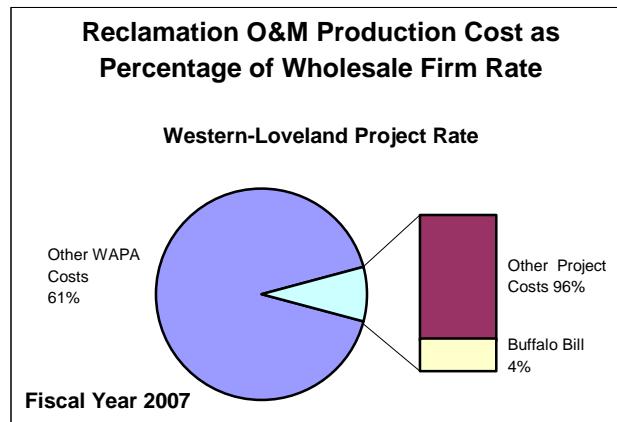


Prime Laboratory Benchmarks

Benchmark 1
Wholesale Firm Rate

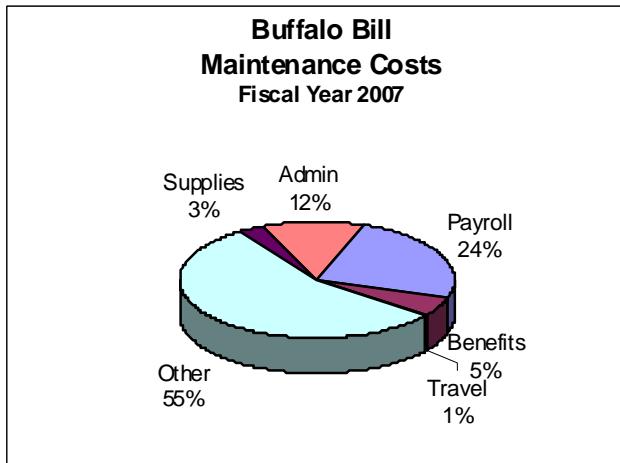
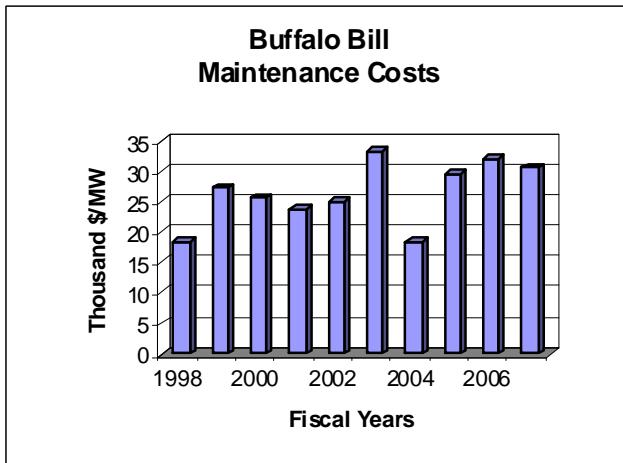
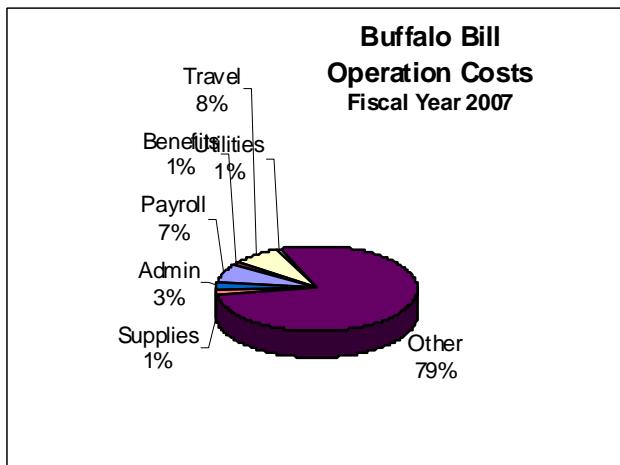
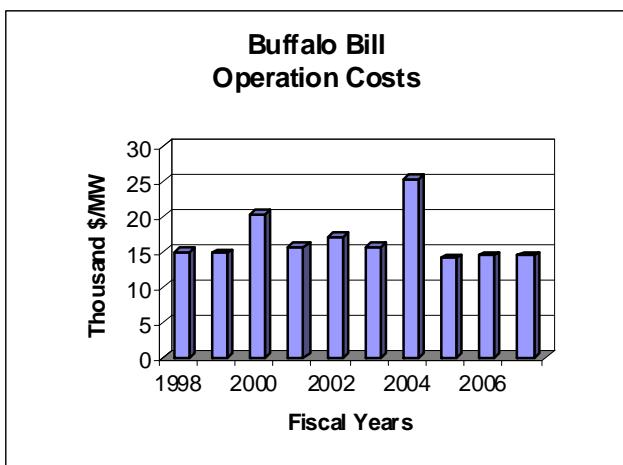


Benchmark 2
Reclamation's Production Costs as Percentage of Wholesale Firm Rate

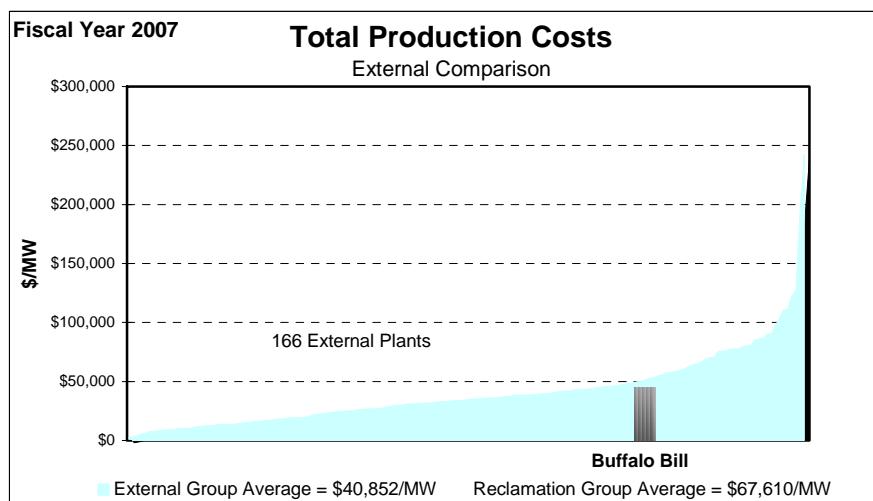
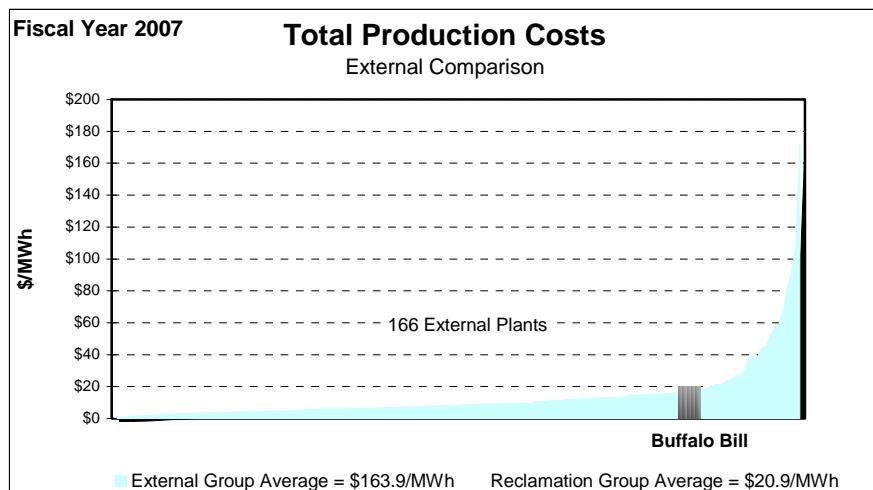
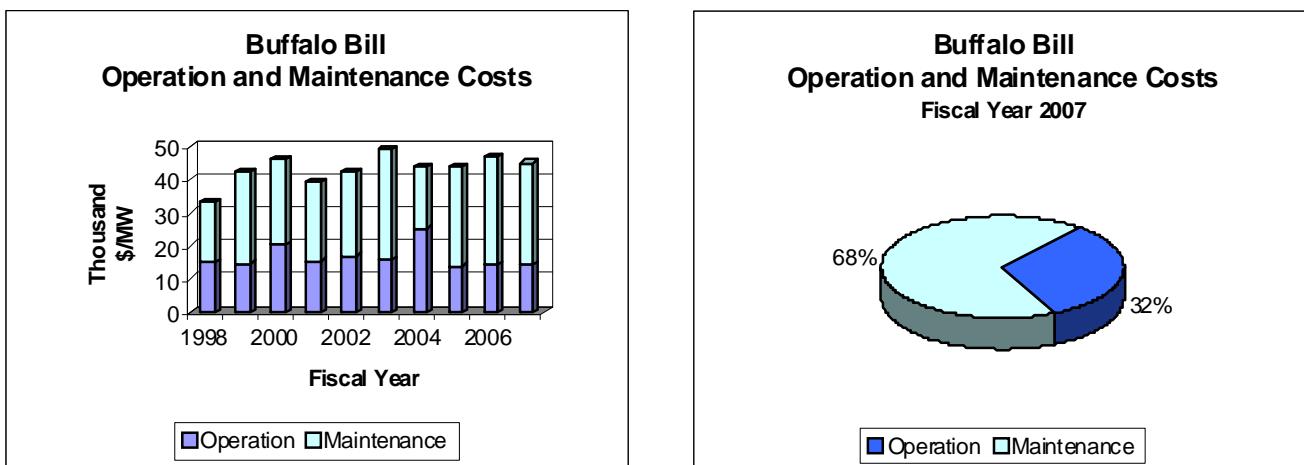


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Benchmark 3
Production Costs



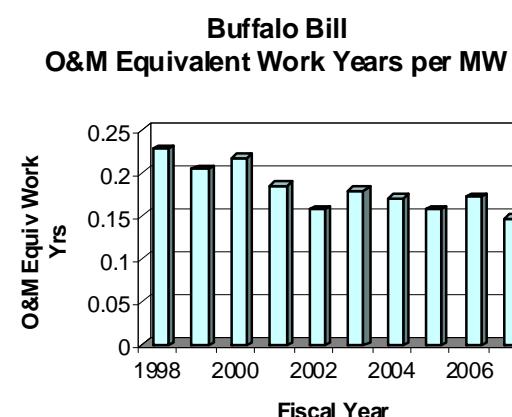
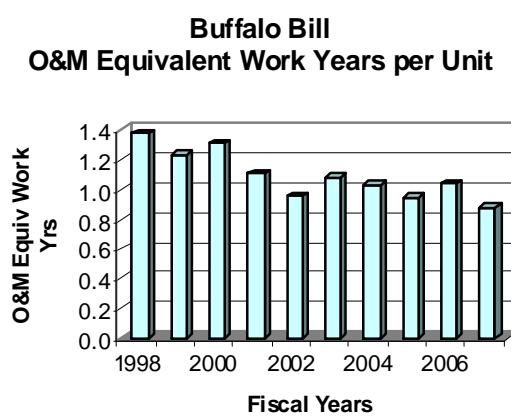
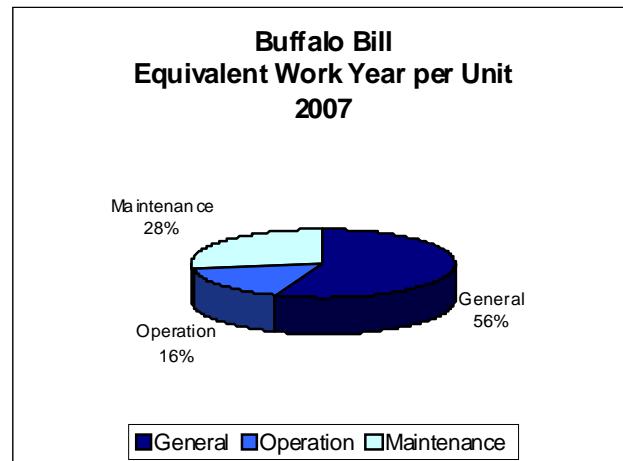
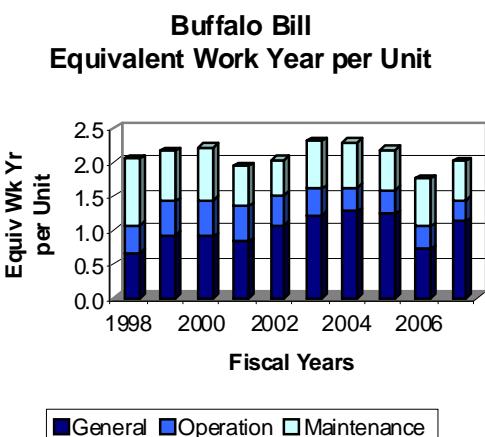
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Production Costs



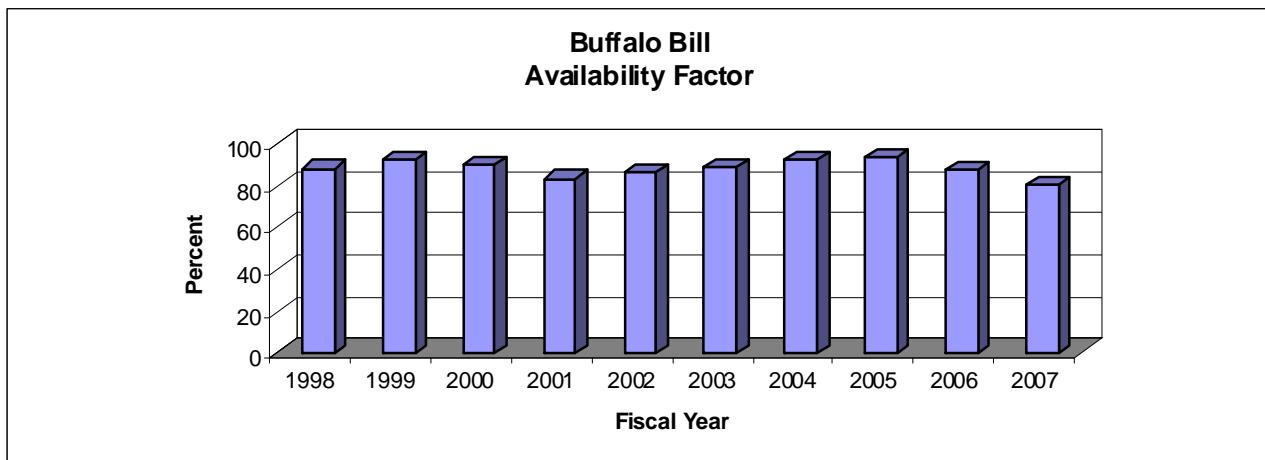
Benchmark 4
Workforce Deployment

Buffalo Bill FY 2007 Equivalent Work Staffing Year Levels

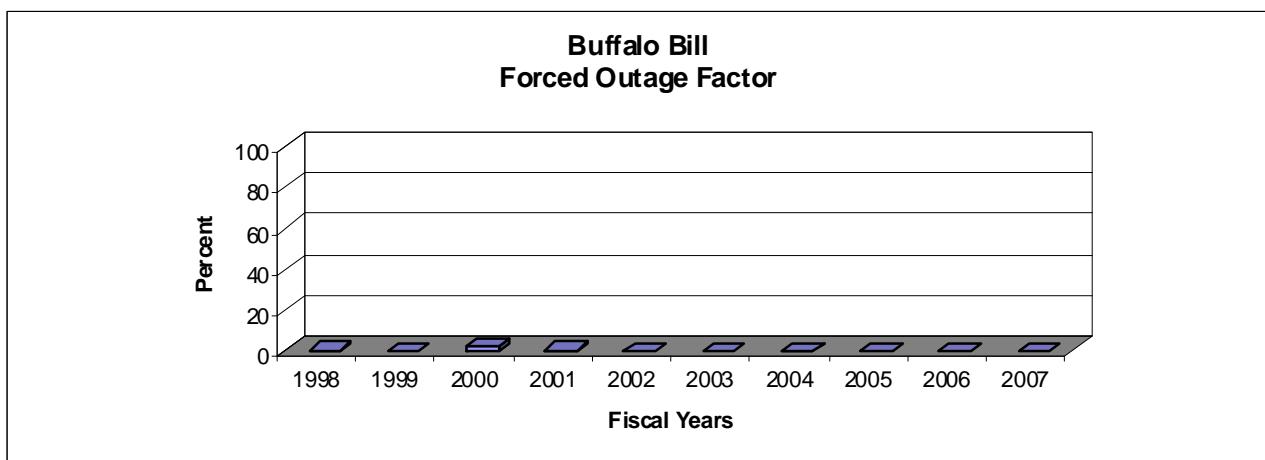
	Equivalent Work Year Staffing Charged to Powerplant	Leave Additive	Denver and Washington Equivalent Work Year Staffing Additive	Total Equivalent Work Year Allocated to Powerplant	Total Equivalent Staffing Work Year per Generating Unit	Total Equivalent Work Year Staffing per Megawatt
General	2.98	0.34	0.05	3.37	1.12	0.19
Operation	0.86	0.10	0.00	0.96	0.32	0.05
Maintenance	1.52	0.17	0.00	1.69	0.56	0.09
Total Staffing	5.36	0.61	0.05	6.02	2.01	0.33



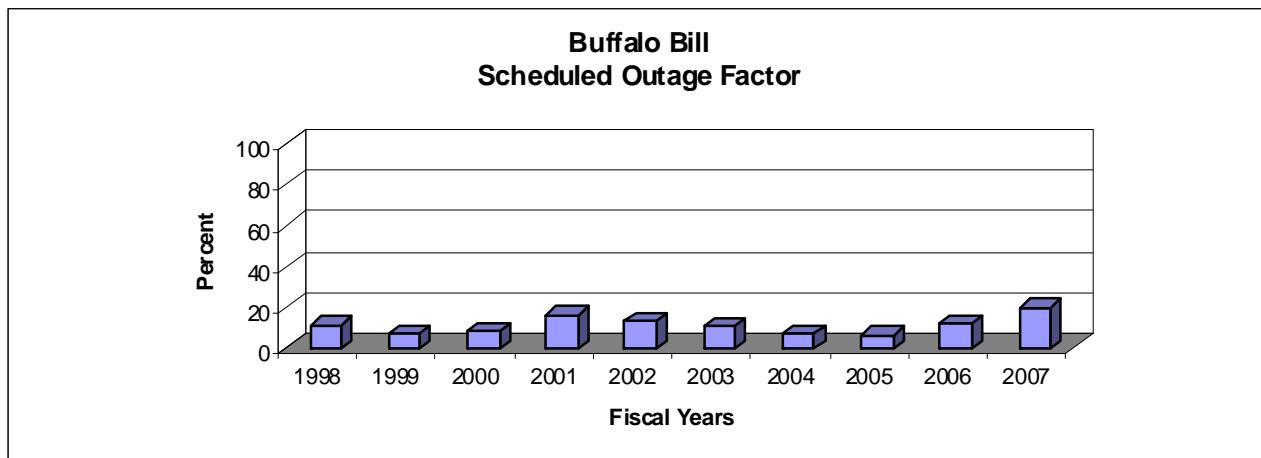
Benchmark 5
Plant Availability Factor



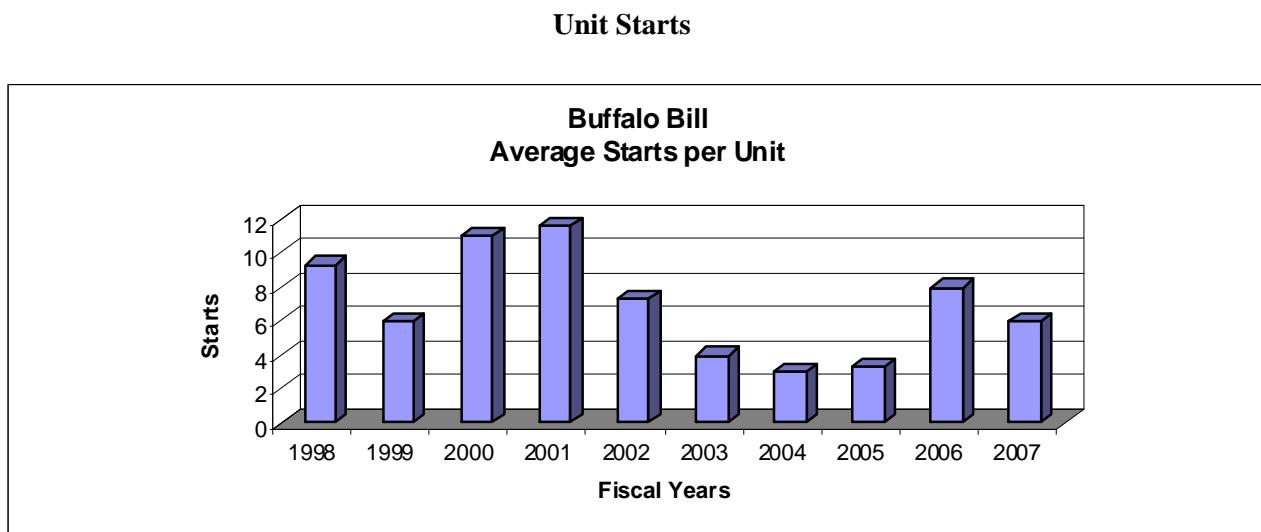
Benchmark 6
Plant Forced Outage Factor



Benchmark 7
Plant Scheduled Outage Factor



FY-01 - Extended outage on all units for re-coating of power penstock.



Buffalo Bill Powerplant
10-30 MW

Benchmark Data Comparison					
Fiscal Year 2007	Buffalo Bill 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	1.84%	Not Applicable	12.1%	Not Applicable	Not Applicable
O&M Cost \$/MWh	19.77	16.40	2.76	***163.95	1.00
O&M Costs \$/MW	45,071	62,731	7,847	***40,852	2,897
O&M Equiv Work Year per MW	0.15	0.22	0.03	Not Available	0.0
Availability Factor	79.93	88.5	82.3	**88.64	98.5
Forced Outage Factor	0.03	0.1	2.6	**2.61	0.0
Scheduled Outage Factor	20.03	11.4	15.1	**8.74	0.0

*Weighted by Net Generation

**2006 NERC Average

***Energy Information Administration Data