

Buffalo Bill Powerplant Pick-Sloan Missouri Basin Program

Ancillary Services

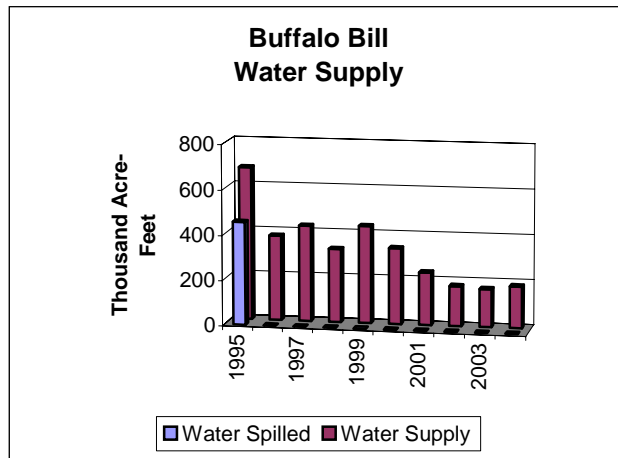
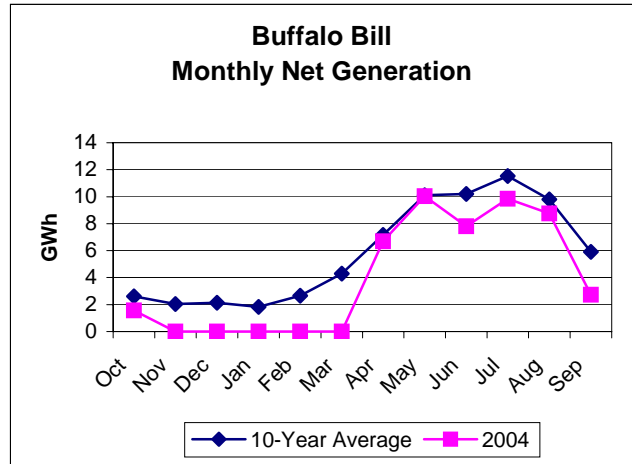
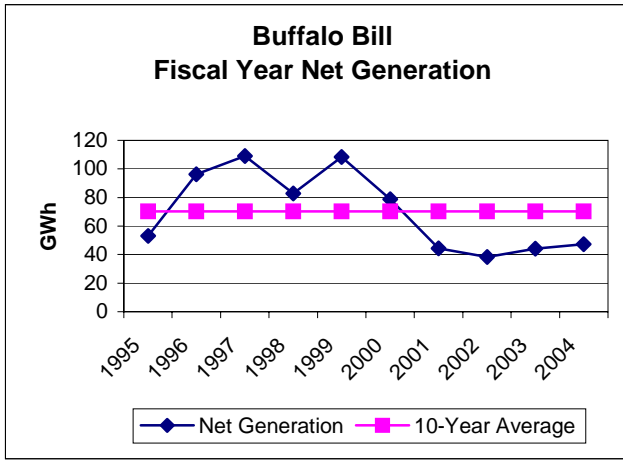
Buffalo Bill Ancillary Services	
Spinning Reserve	No
Non-Spinning Reserve	No
Replacement Reserve	No
Regulation/Load Following	No
Black Start	No
Voltage Support	Yes

Generators

Buffalo Bill Generators Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	6,000	0	6,000
2	6,000	0	6,000
3	6,000	0	6,000
3 Units	18,000	0	18,000

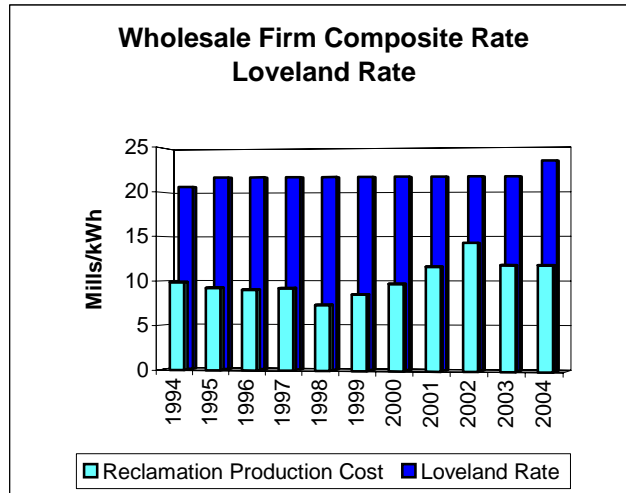
**Buffalo Bill Powerplant
10-30 MW**

Generation

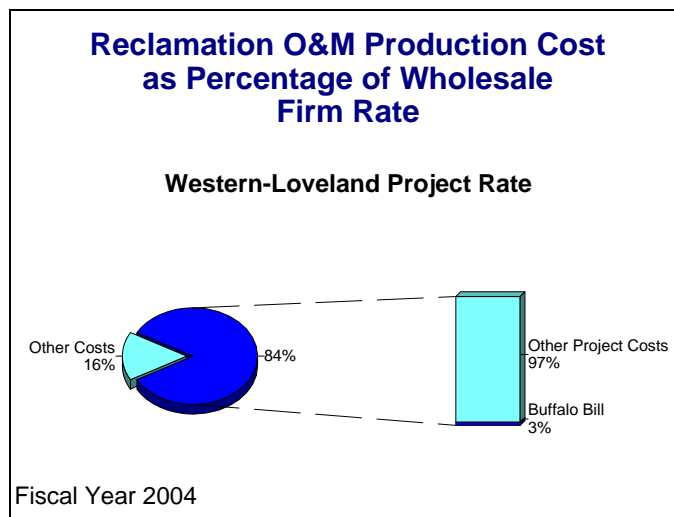


Prime Laboratory Benchmarks

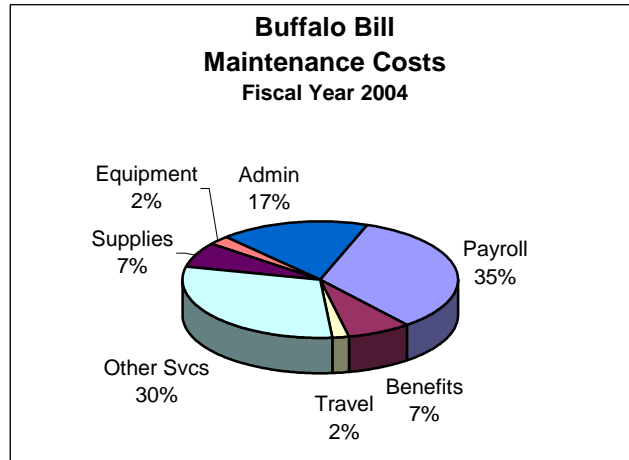
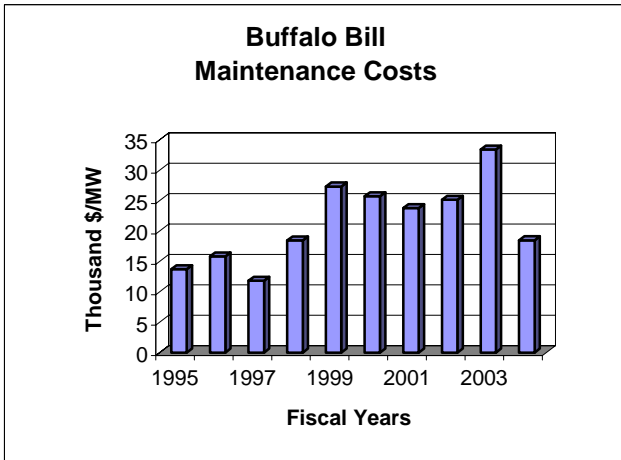
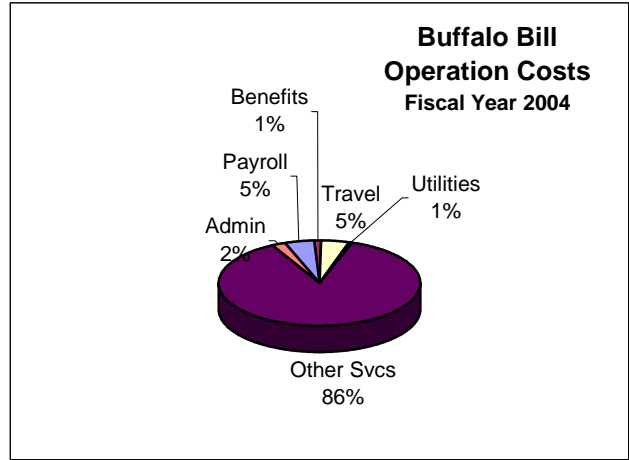
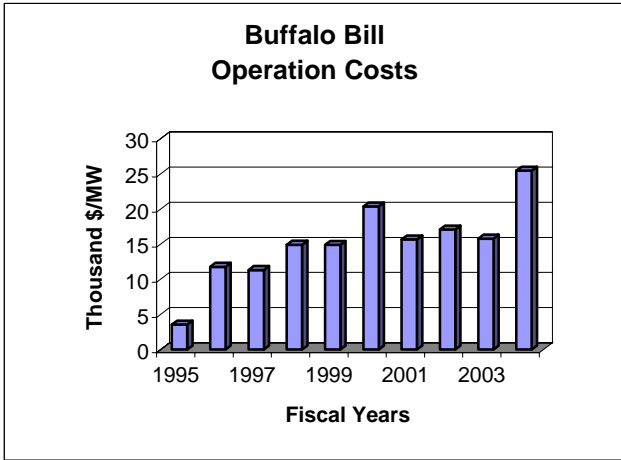
**Benchmark 1
Wholesale Firm Rate**



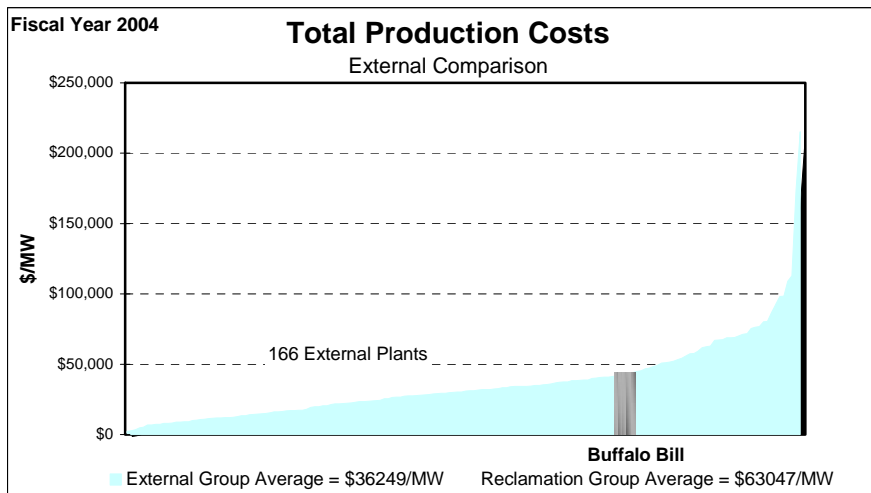
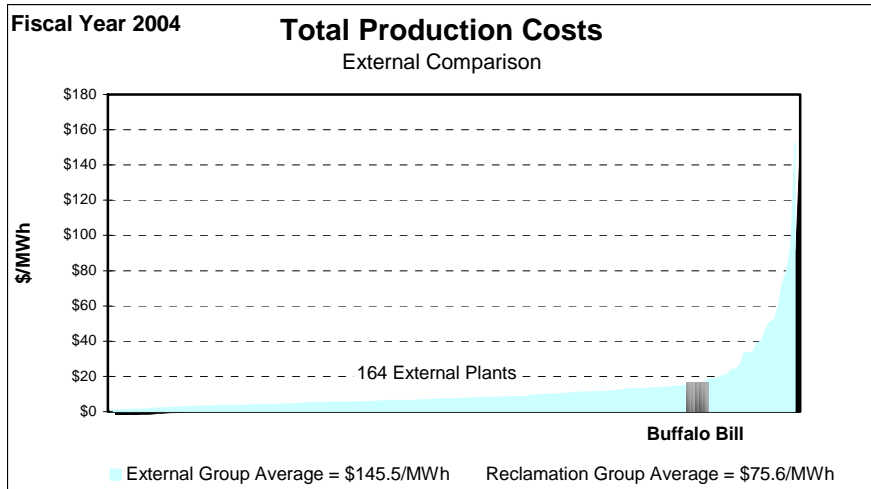
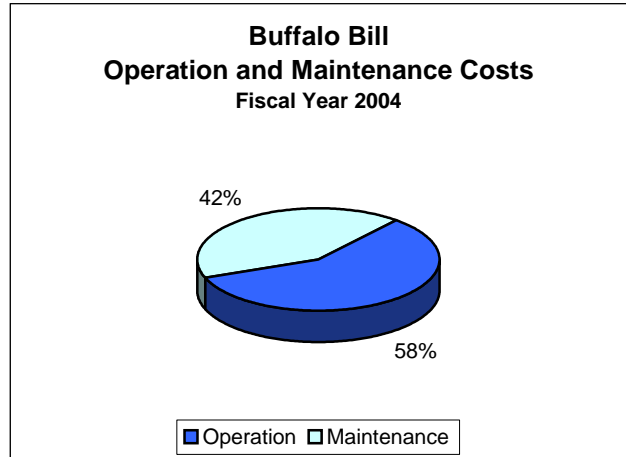
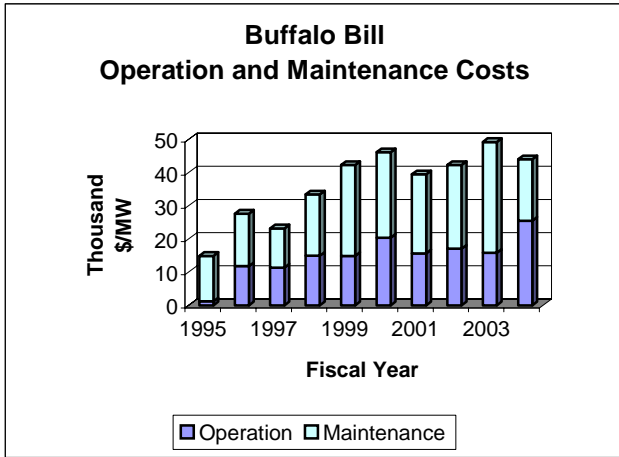
**Benchmark 2
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**



**Benchmark 3
Production Cost**

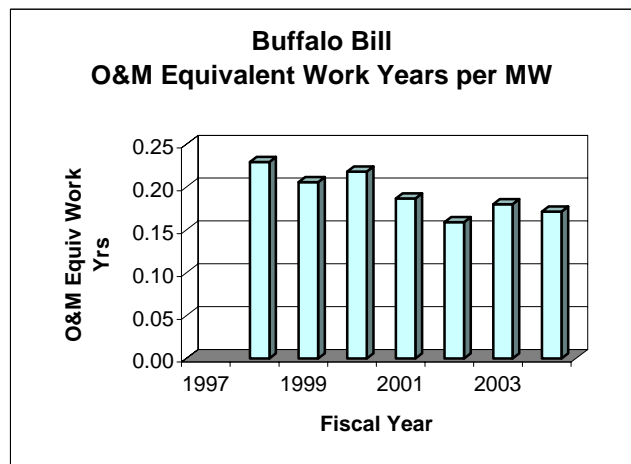
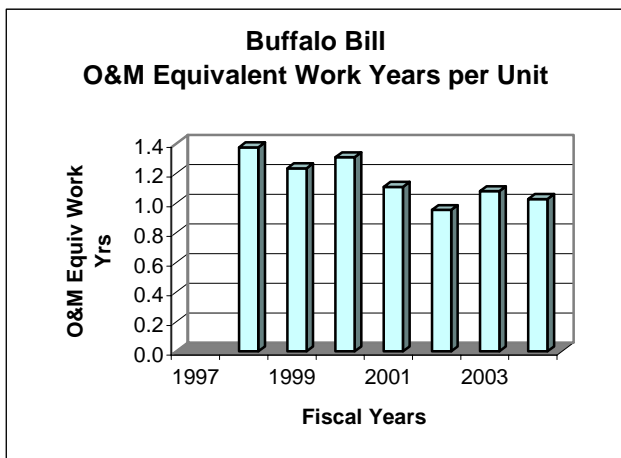
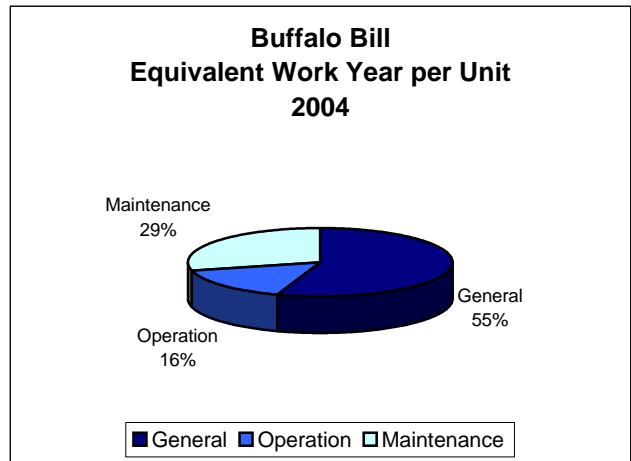
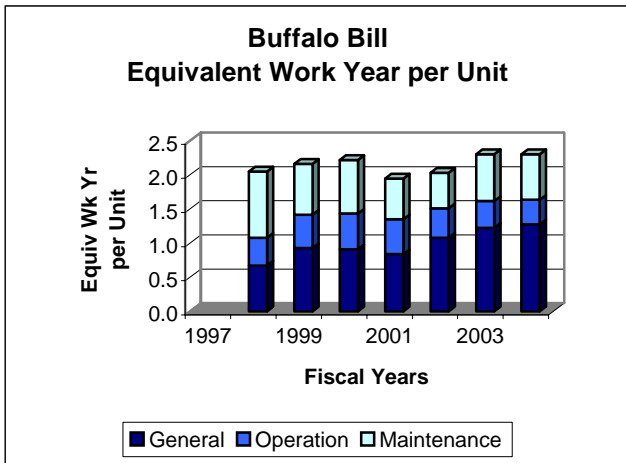


**Benchmark 3
Production Cost**



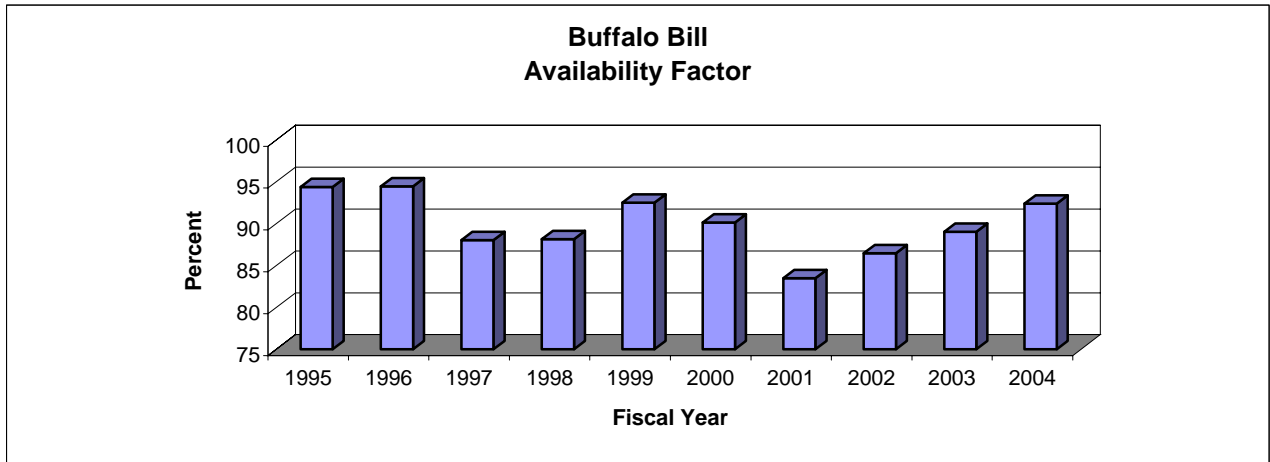
**Benchmark 4
Workforce Deployment**

Buffalo Bill 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	3.38	0.39	0.05	3.82	1.27	0.21
Operation	0.97	0.11	0.00	1.08	0.36	0.06
Maintenance	1.79	0.21	0.00	2.00	0.67	0.11
Total Staffing	6.14	0.71	0.05	6.90	2.30	0.38

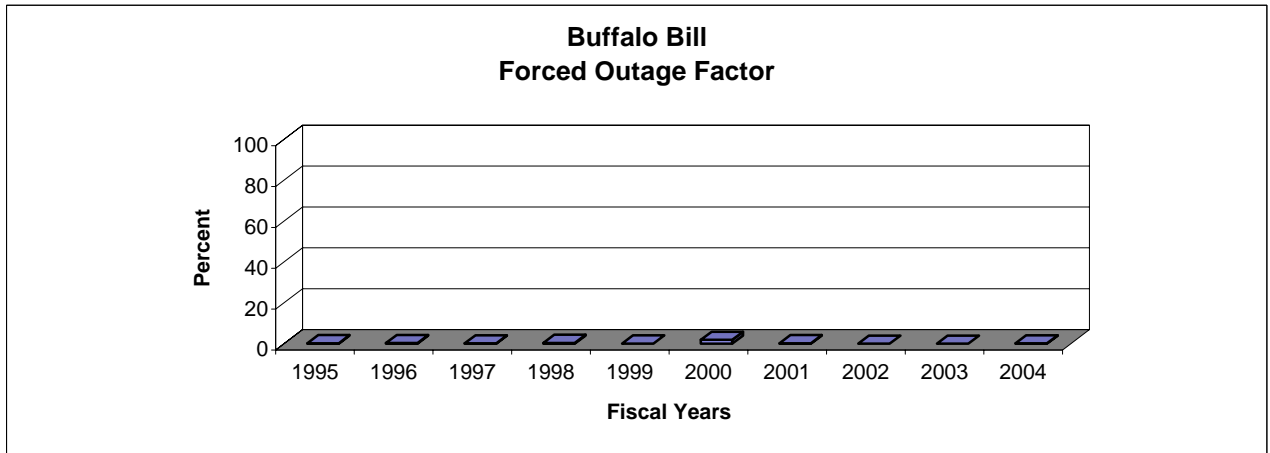


Distributive Accounts not available for FY-97

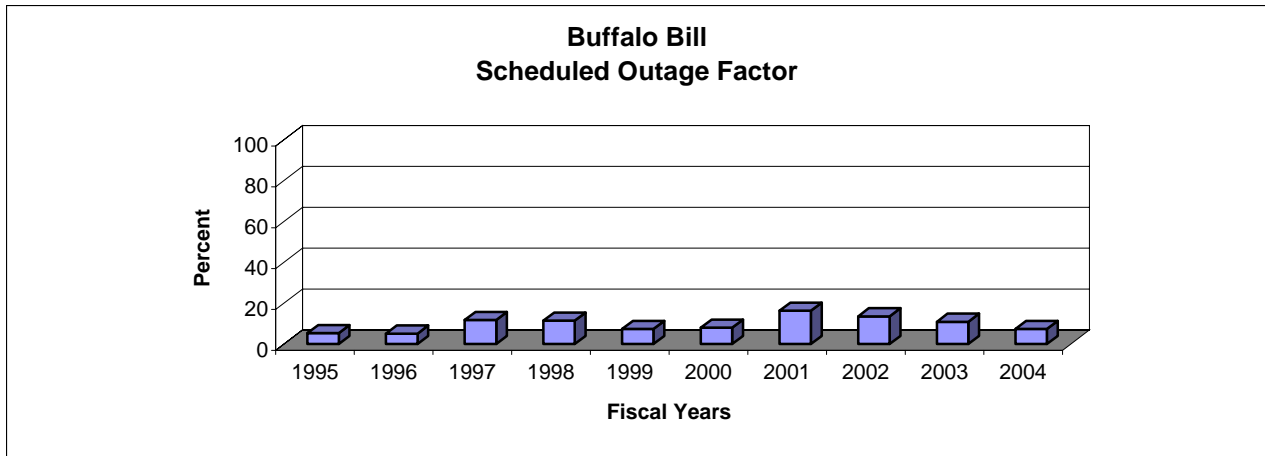
**Benchmark 5
Availability Factor**



**Benchmark 6
Forced Outage Factor**

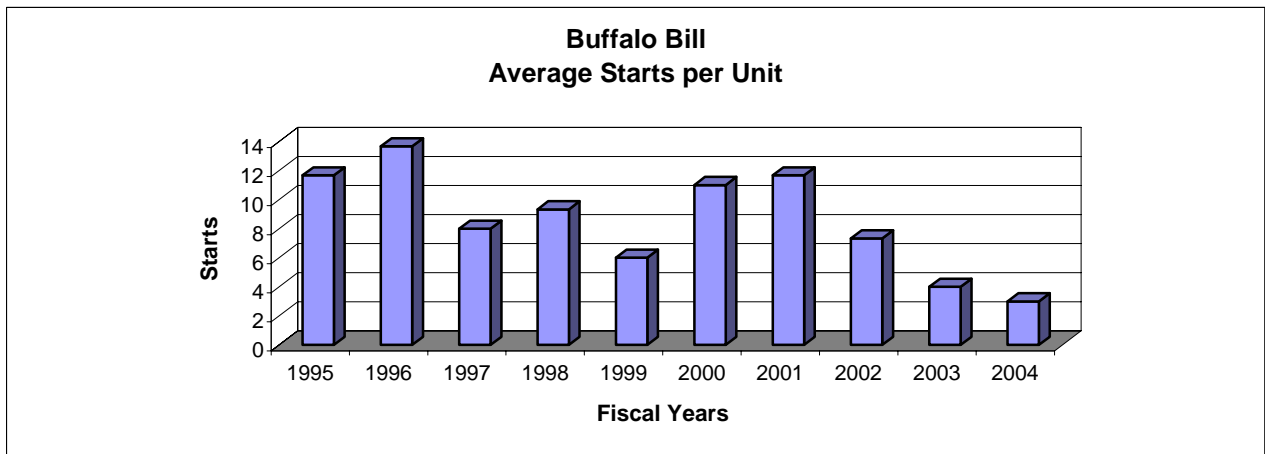


**Benchmark 7
Scheduled Outage Factor**



FY-94 - Extended maintenance and inspection of new units
FY-01 - Extended outage on all units for re-coating of power penstock.

Starts



**Buffalo Bill Powerplant
10-30 MW**

Benchmark Data Comparison					
Fiscal Year 2004	Buffalo Bill Powerplant	Reclamation Average 10-30 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	2.19%	Not Applicable	13.5%	Not Applicable	Not Applicable
O&M Cost \$/MWh	16.74	24.61	2.77	145.47	1.23
O&M Costs \$/MW	43,965.13	65,356.27	7,316.97	36,248.69	2,951.22
O&M Equip Work Year per MW	0.17	0.33	0.04	Not Available	0.00
Availability Factor	89.0	71.0	86.9	**89.2	99.97
Forced Outage Factor	0.04	0.1	0.7	**1.9	0.00
Scheduled Outage Factor	10.9	28.9	12.4	**8.9	0.02

*Weighted by Net Generation

**2003 NERC Average

***Energy Information Administration Data