

Big Thompson Powerplant Colorado-Big Thompson Project

Ancillary Services

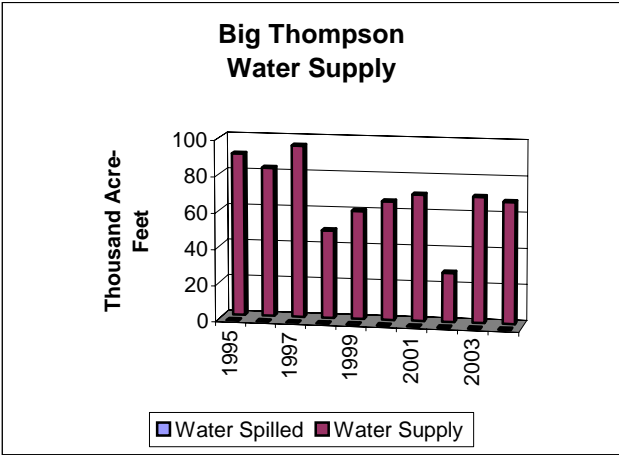
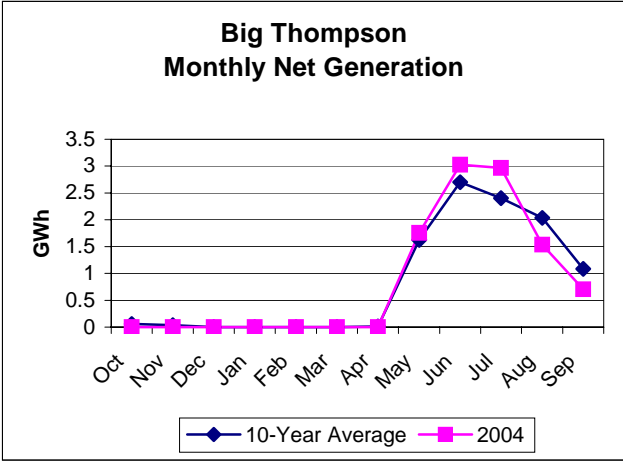
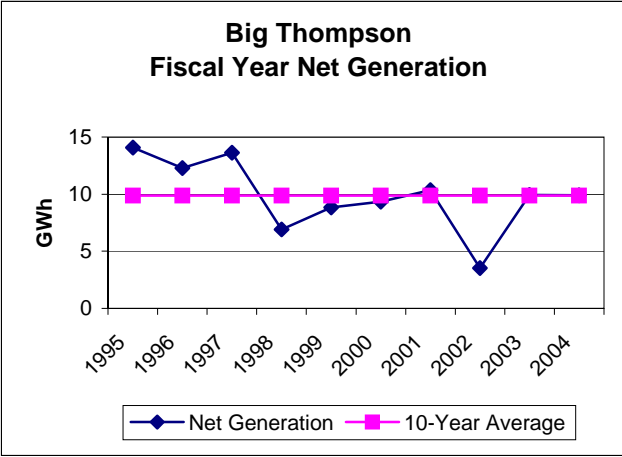
Big Thompson Ancillary Services	
Spinning Reserve	No
Non-Spinning Reserve	No
Replacement Reserve	No
Regulation/Load Following	No
Black Start	No
Voltage Support	No

Generators

Big Thompson Generators Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	4,500	0	4,500
1 Unit	4,500	0	4,500

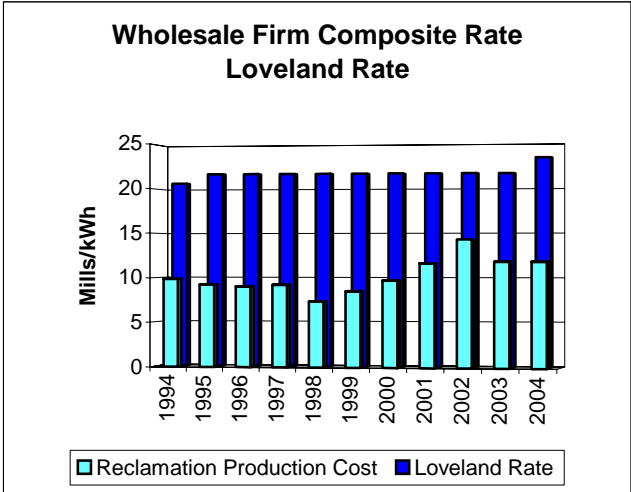
Big Thompson Powerplant Seasonal

Generation

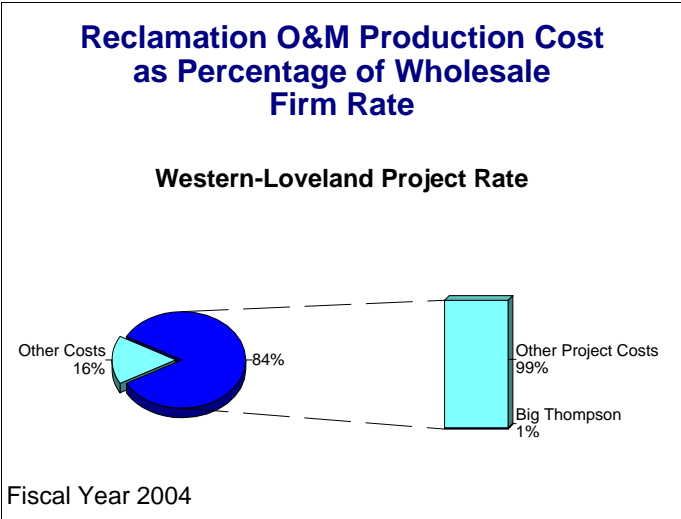


Prime Laboratory Benchmarks

**Benchmark 1
Wholesale Firm Rate**

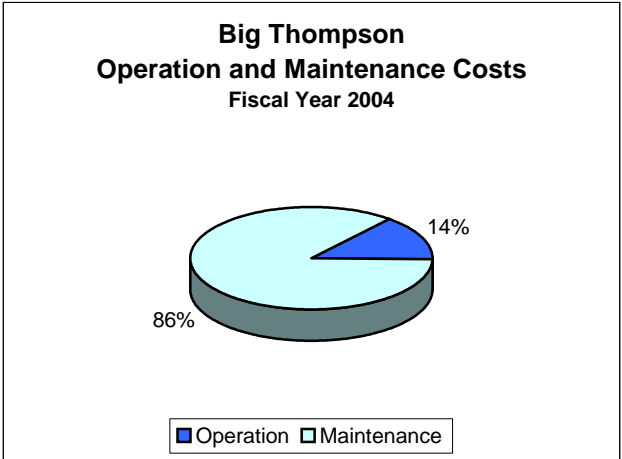
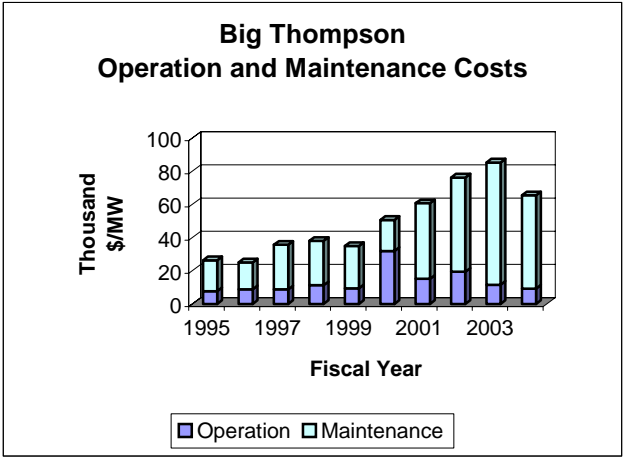
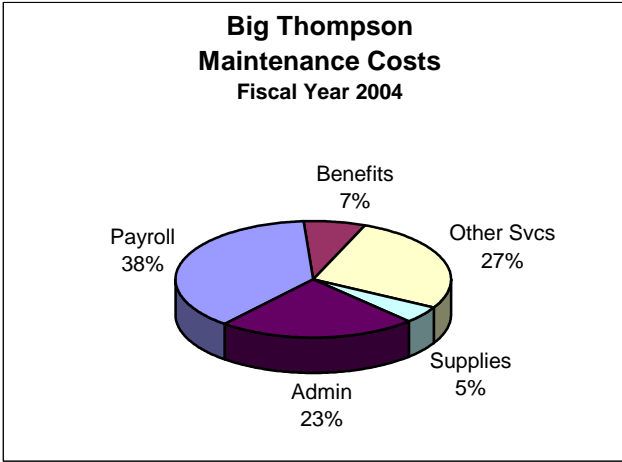
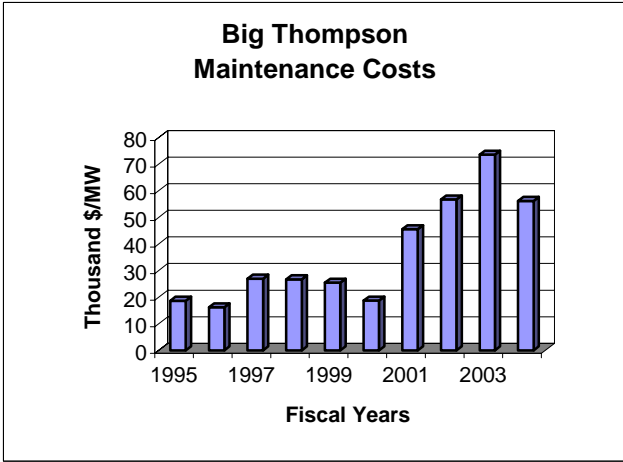
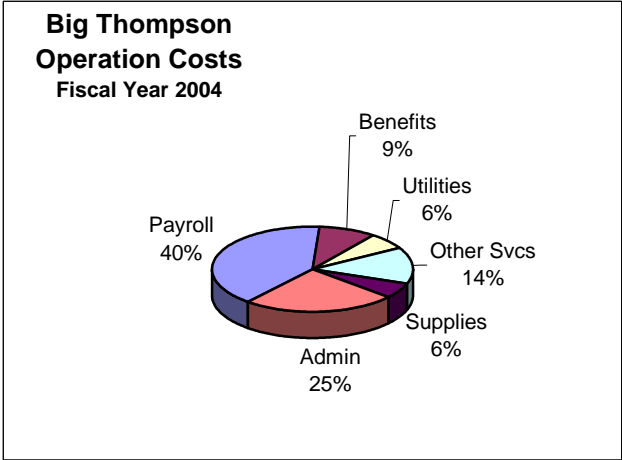
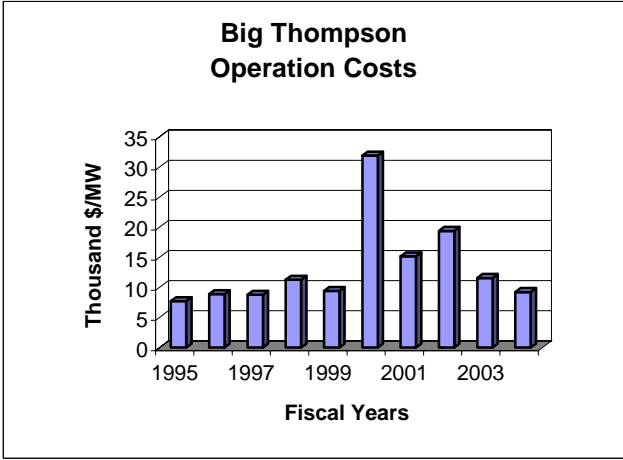


**Benchmark 2
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**



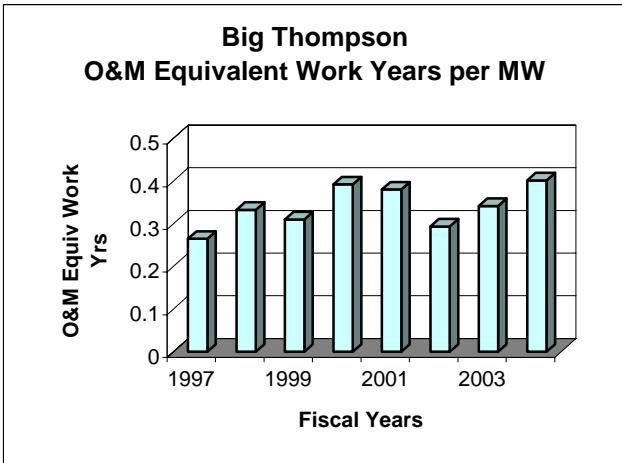
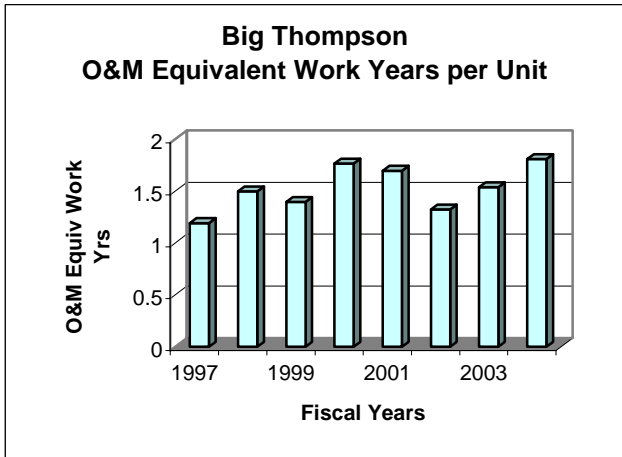
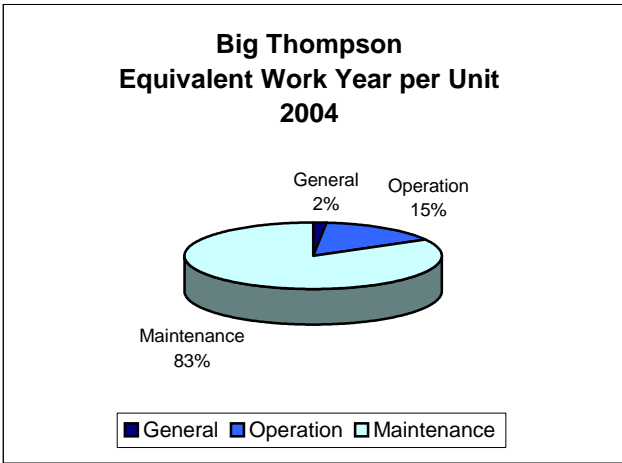
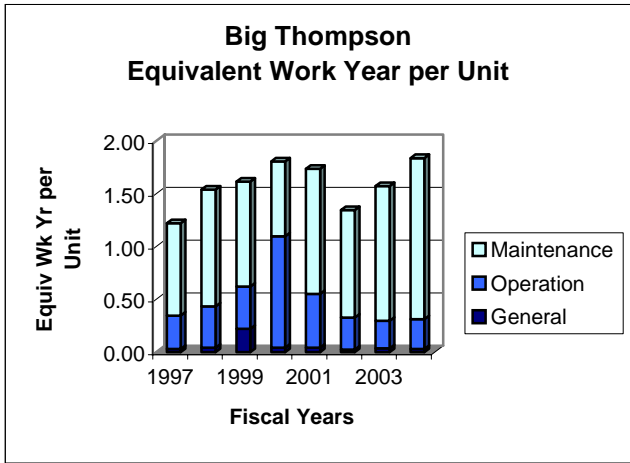
Big Thompson Powerplant Seasonal

Benchmark 3 Production Cost

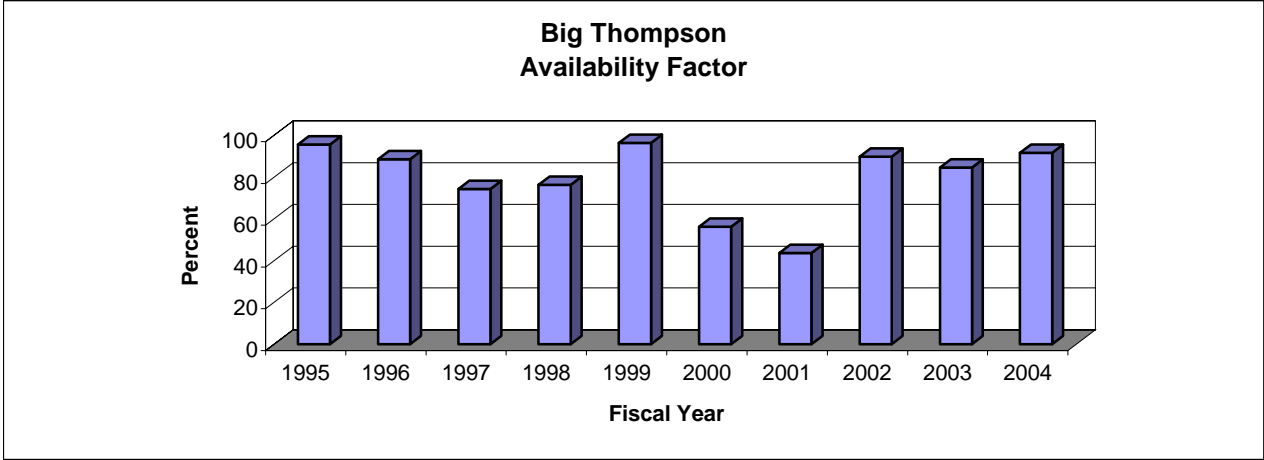


**Benchmark 4
Workforce Deployment**

Big Thompson 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	0.01	0.00	0.02	0.03	0.03	0.01
Operation	0.25	0.03	0.00	0.28	0.28	0.06
Maintenance	1.37	0.16	0.00	1.52	1.52	0.34
Total Staffing	1.63	0.19	0.02	1.84	1.84	0.41

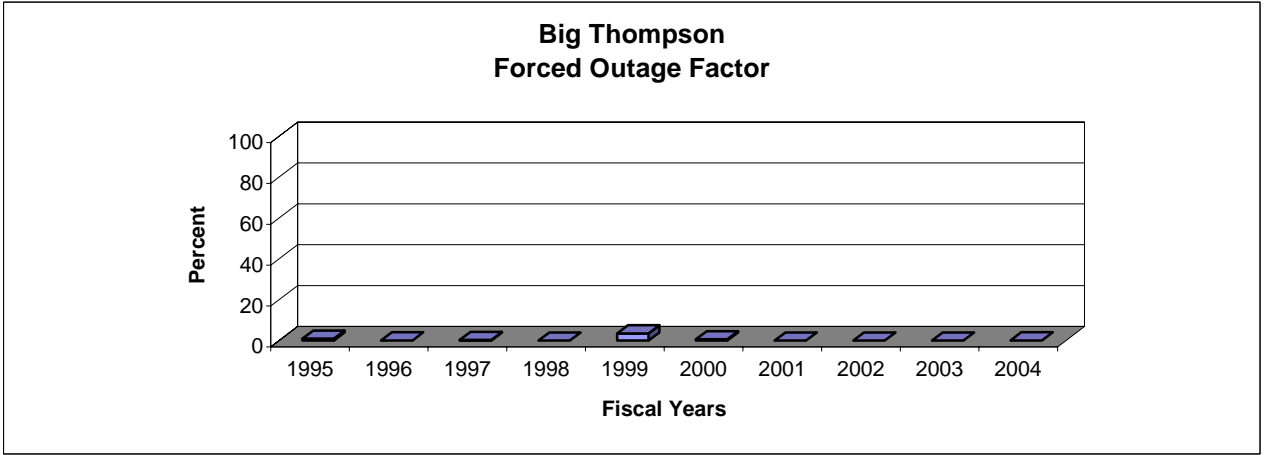


**Benchmark 5
Availability Factor**

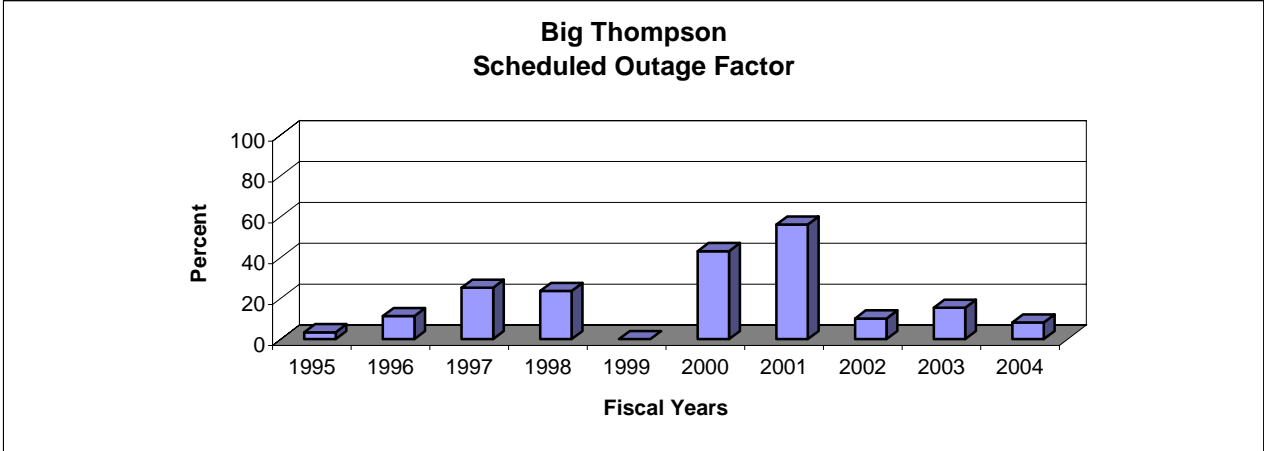


Low availability factor for Big Thompson is caused by problems in the water system and severe restrictions on water flow to Horsetooth Reservoir.

**Benchmark 6
Forced Outage Factor**

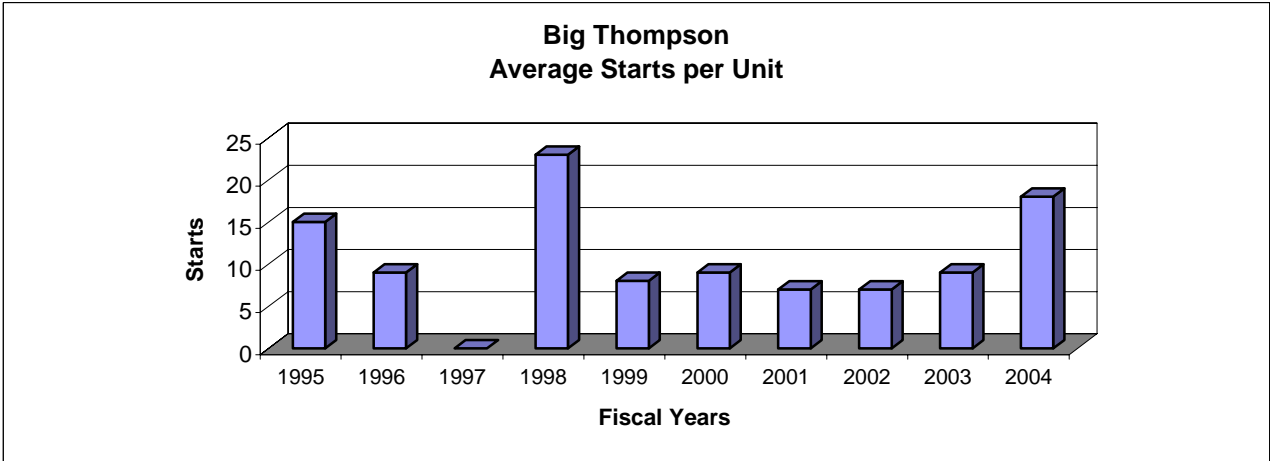


**Benchmark 7
Scheduled Outage Factor**



High scheduled outage factor for Big Thompson is caused by problems in the water system and severe restrictions on water flow to Horsetooth Reservoir.

Starts



**Big Thompson Powerplant
Seasonal**

Benchmark Data Comparison				
Fiscal Year 2004	Big Thompson	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	21.7	*21.06	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	0.81%	13.5%	Not Applicable	Not Applicable
O&M Cost \$/MWh	29.74	2.77	Not Applicable	1.23
O&M Costs \$/MW	65,429	7,317	Not Applicable	2,951
O&M Equip Work Year per MW	0.40	0.04	Not Available	0.000
Availability Factor	91.7	86.9	**89.2	99.97
Forced Outage Factor	0.1	0.7	**1.9	0.00
Scheduled Outage Factor	8.2	12.4	**8.9	0.02

*Weighted by Net Generation

**2003 NERC Average

***Energy Information Administration Data