

**Boise River Diversion Powerplant  
Boise Project**

**Ancillary Services**

**Boise River Diversion  
Ancillary Services**

Spinning Reserve	No
Non-Spinning Reserve	No
Replacement Reserve	No
Regulation/Load Following	No
Black Start	No
Voltage Support	No

**Generators**

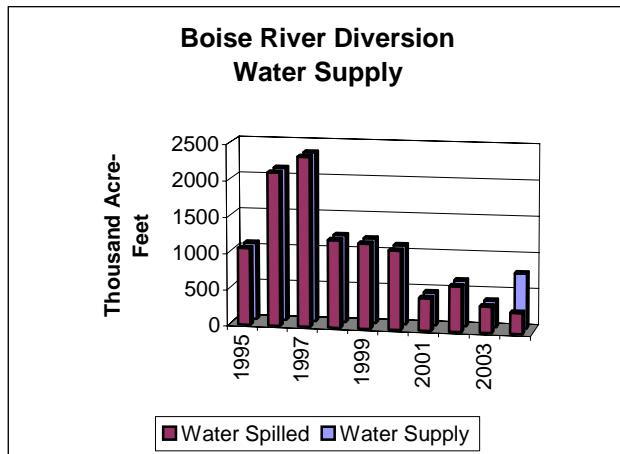
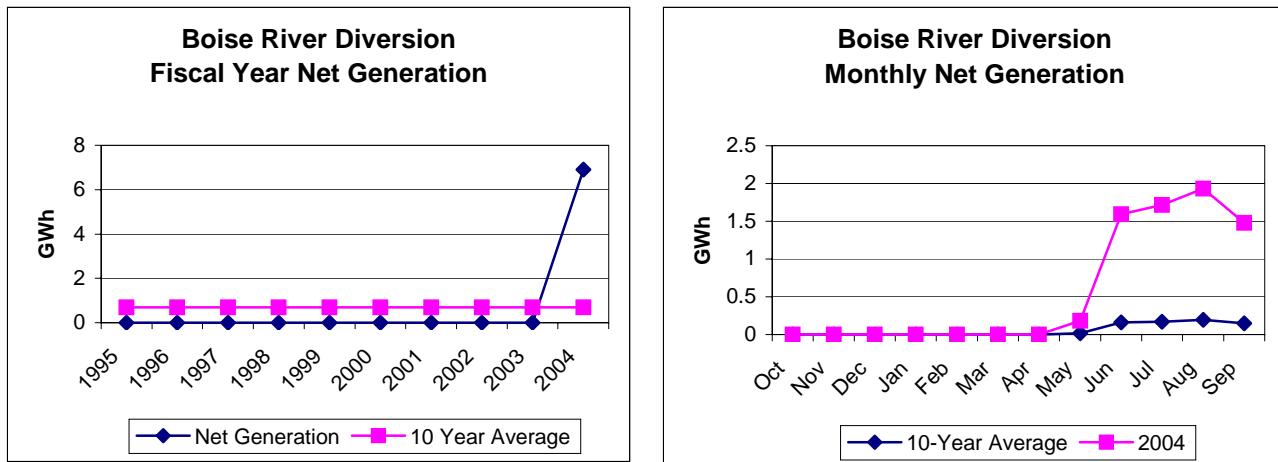
**Boise River Diversion  
Generators**

Existing Number and Capacity

Unit #	Original Nameplate (kW)	Increased (kW)	Present Nameplate (kW)
1	1,100	0	1,100
2	1,100	0	1,100
3	1,100	0	1,100
3 Units	3,300	0	3,300

**Boise River Diversion  
Other**

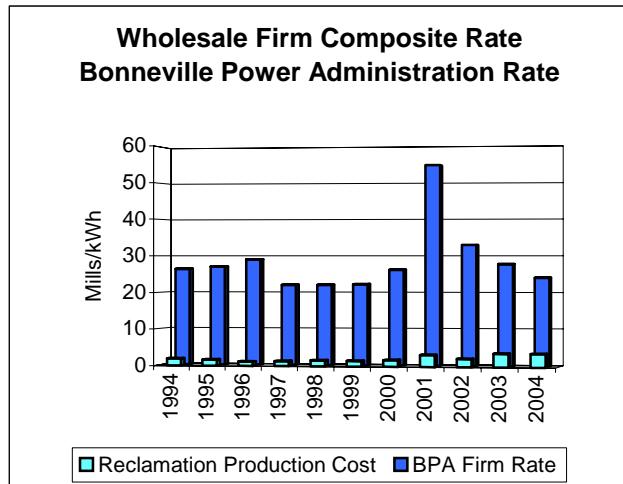
**Generation**



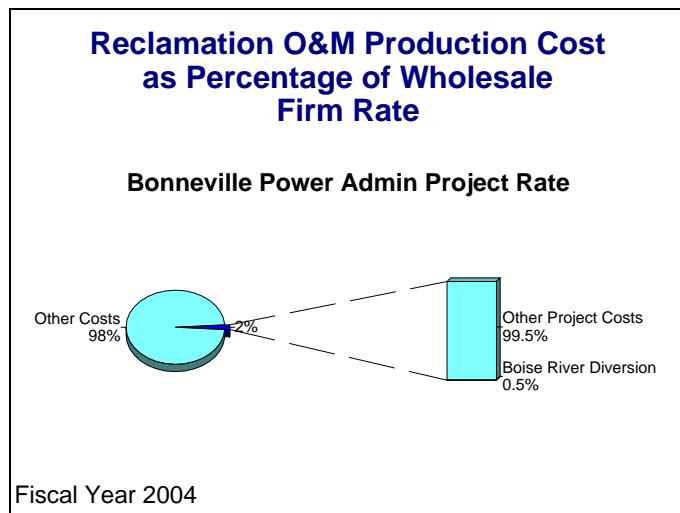
All three units at Boise River Diversion came online during FY 2004

**Prime Laboratory Benchmarks**

**Benchmark 1  
Wholesale Firm Rate**

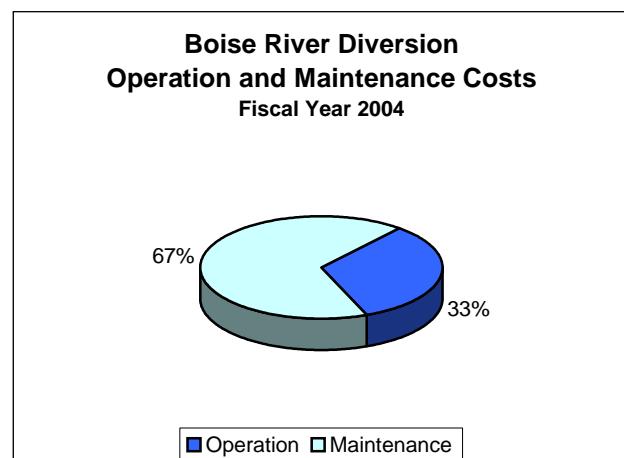
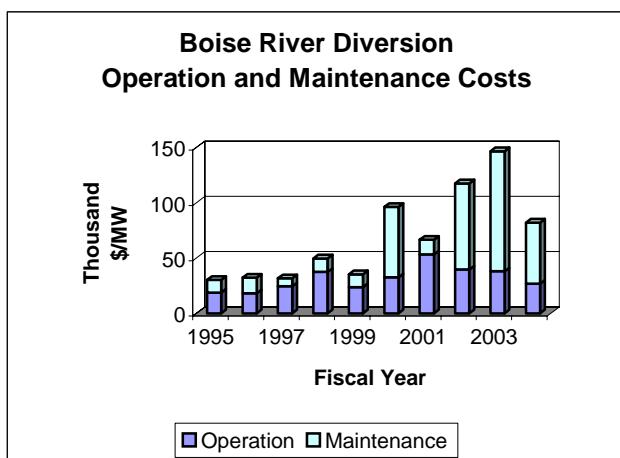
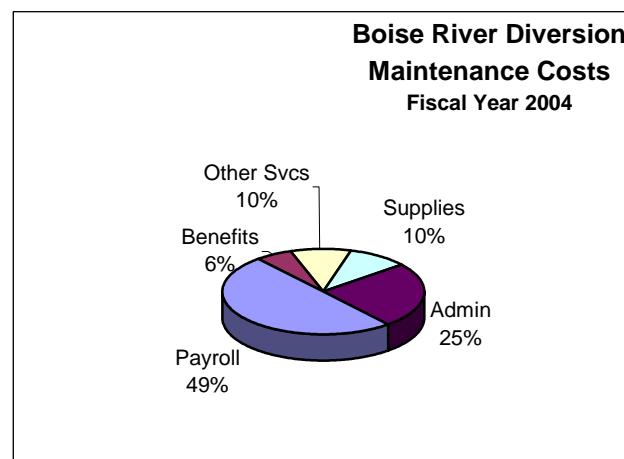
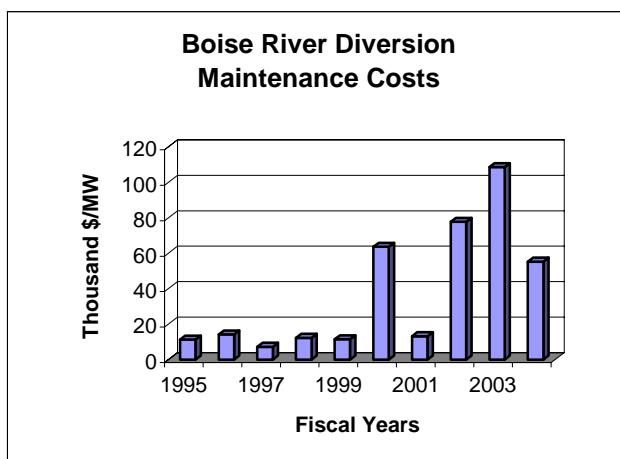
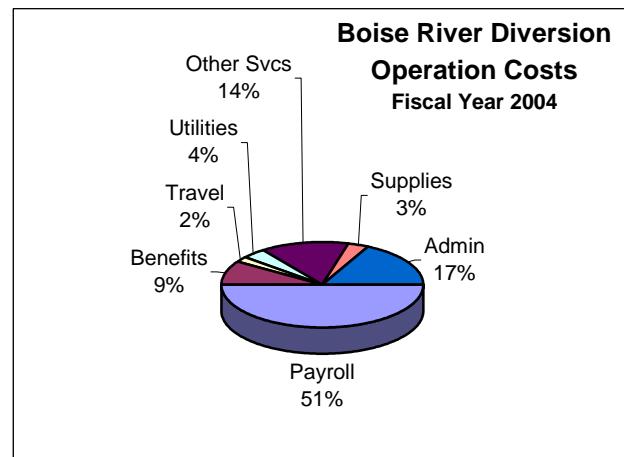
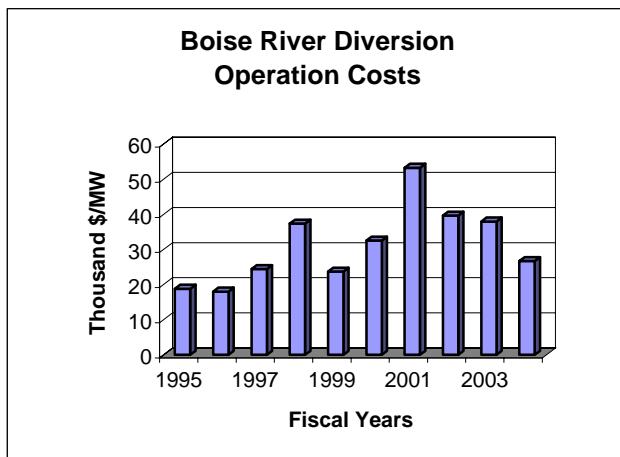


**Benchmark 2  
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**



**Boise River Diversion  
Other**

**Benchmark 3  
Production Cost**

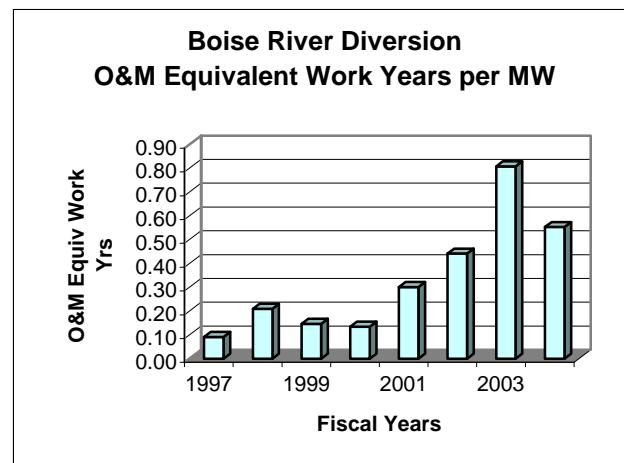
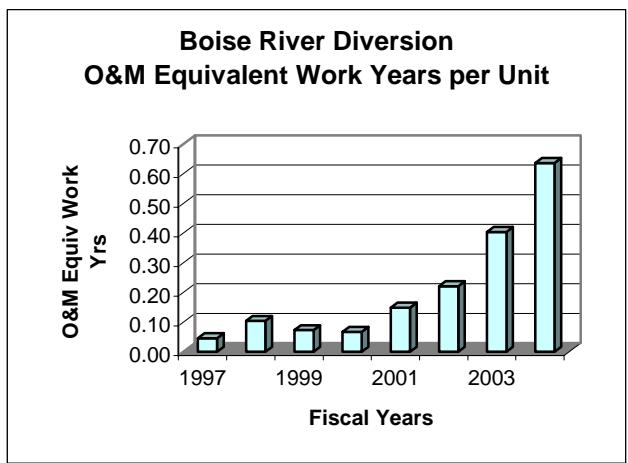
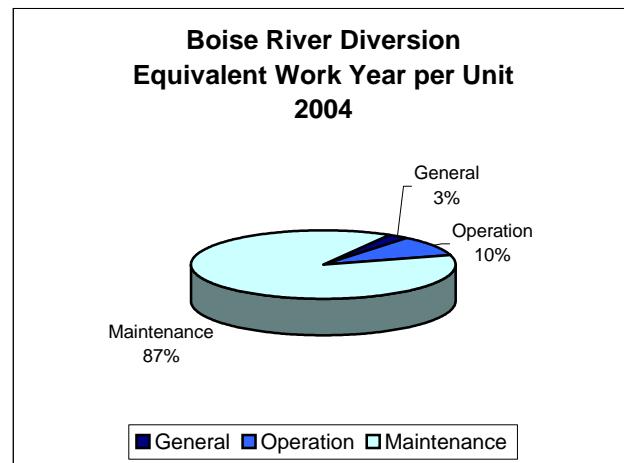
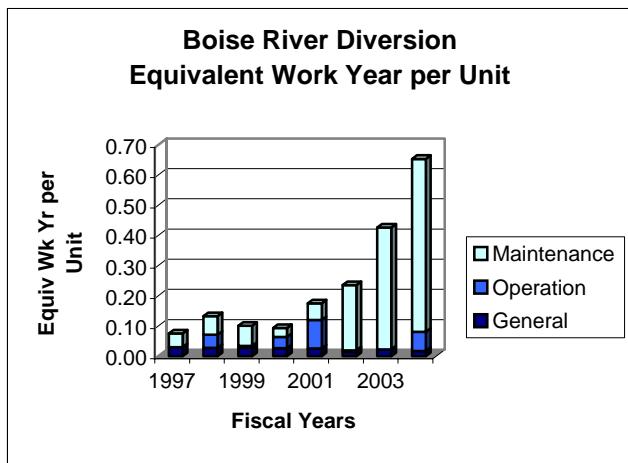


**Boise River Diversion  
Other**

**Benchmark 4  
Workforce Deployment**

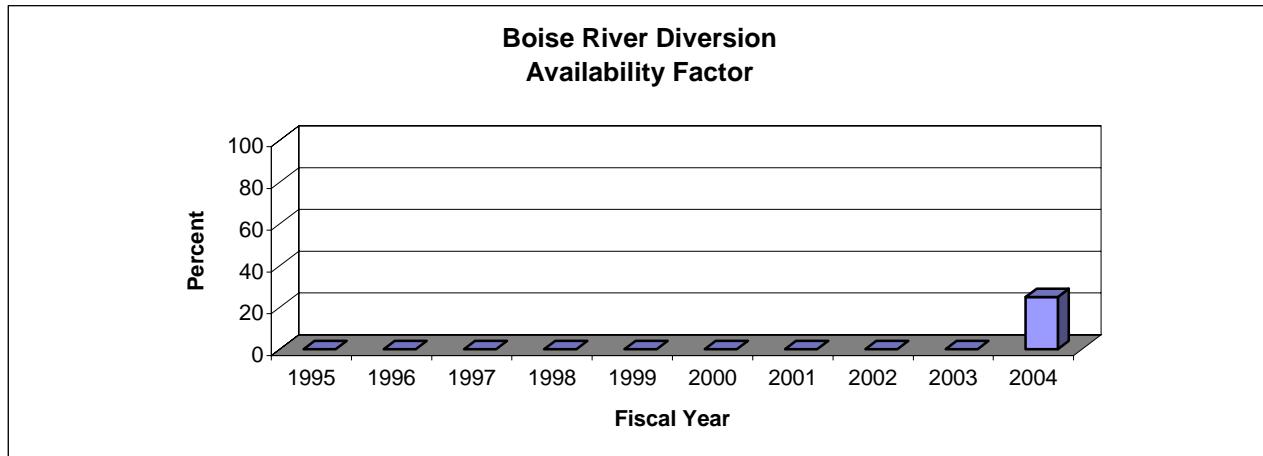
**Boise River Diversion 2004 Equivalent Work Year Levels**

	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	0.00	0.00	0.05	0.05	0.02	0.01
Operation	0.17	0.02	0.00	0.19	0.06	0.05
Maintenance	1.56	0.16	0.00	1.72	0.57	0.50
Total Staffing	1.73	0.18	0.05	1.96	0.65	0.57

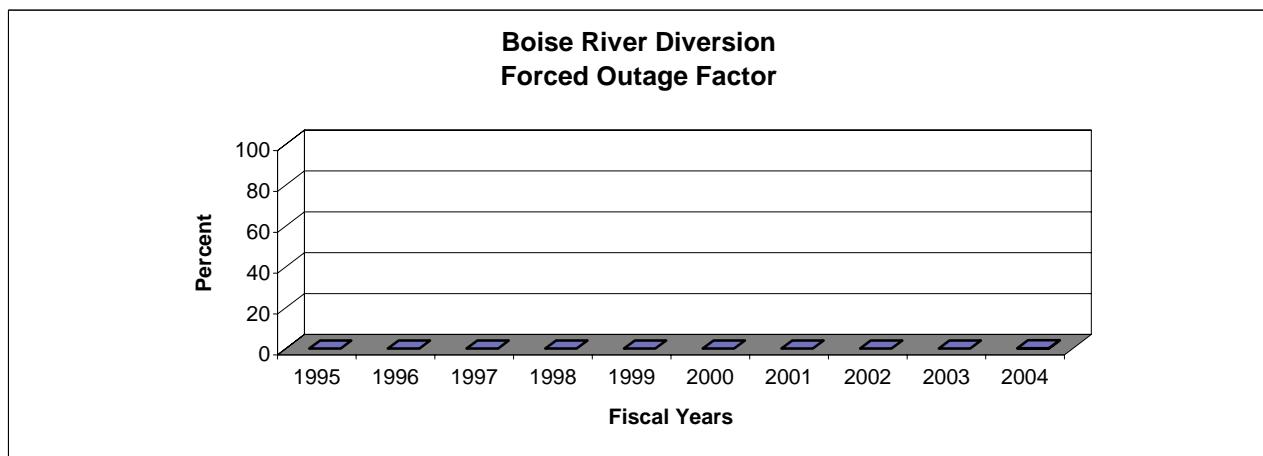


**Boise River Diversion  
Other**

**Benchmark 5  
Availability Factor**

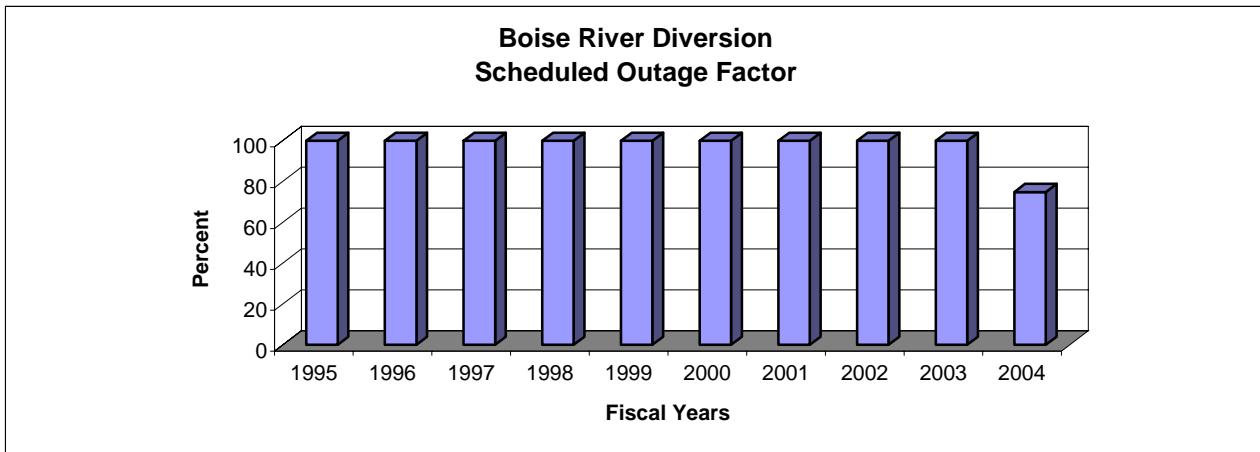


**Benchmark 6  
Forced Outage Factor**

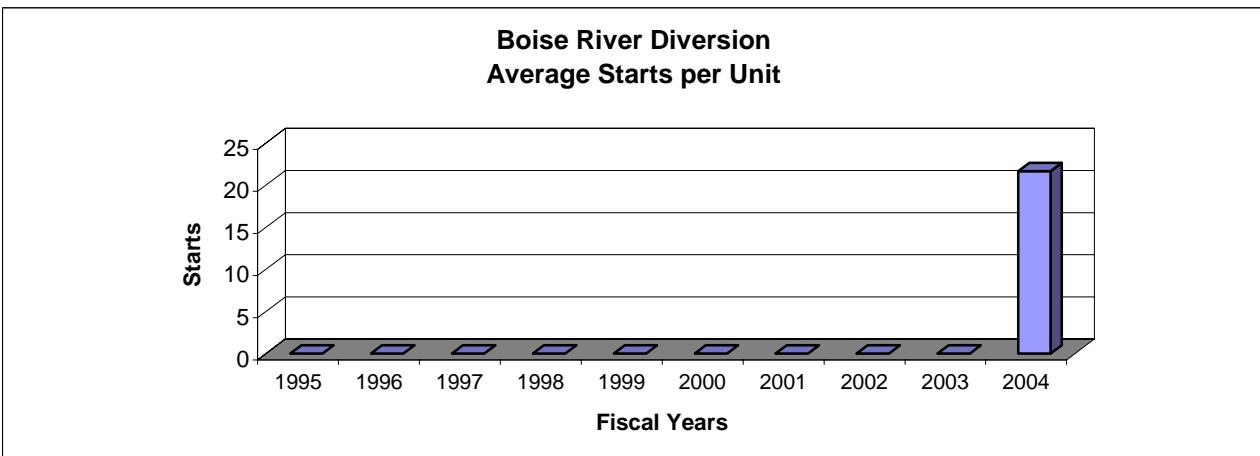


**Boise River Diversion  
Other**

**Benchmark 7  
Scheduled Outage Factor**



**Starts**



**Boise River Diversion  
Other**

<b>Benchmark Data Comparison</b>				
Fiscal Year 2004	Boise River Diversion	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	27.7	*21.06	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	0.009%	13.5%	Not Applicable	Not Applicable
O&M Cost \$/MWh	Not Applicable	2.77	22.26	1.23
O&M Costs \$/MW	81,915.80	7,316.97	67,421.22	2,951.22
O&M Equiv Work Year per MW	0.55	0.04	Not Available	0.00
Availability Factor	0.0	86.9	**89.2	99.97
Forced Outage Factor	0.00	0.7	**1.9	0.00
Scheduled Outage Factor	100.0	12.4	**8.9	0.02

\*Weighted by Net Generation

\*\*2003 NERC Average