

## Fontenelle Powerplant Seedskadee Project

### Ancillary Services

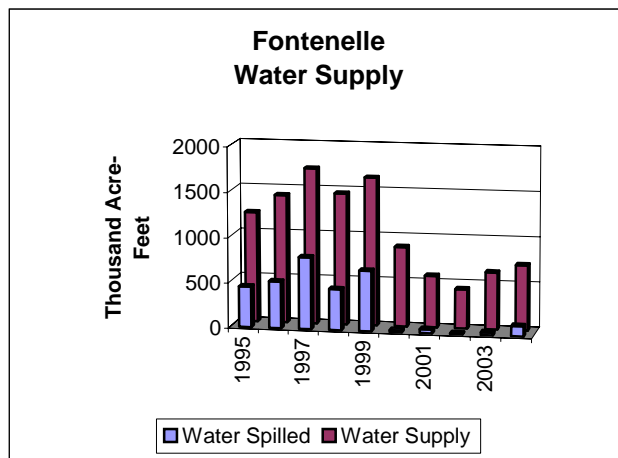
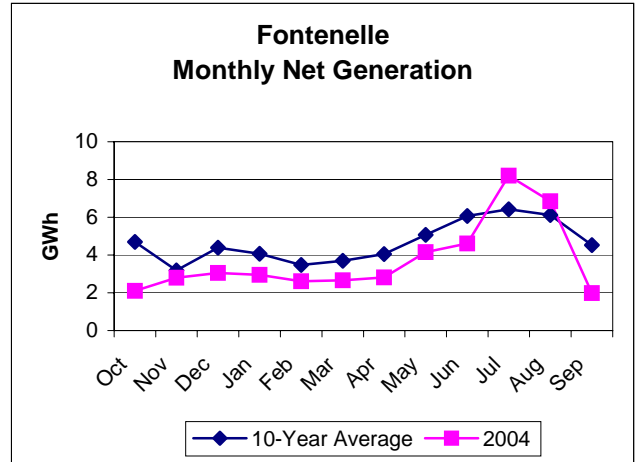
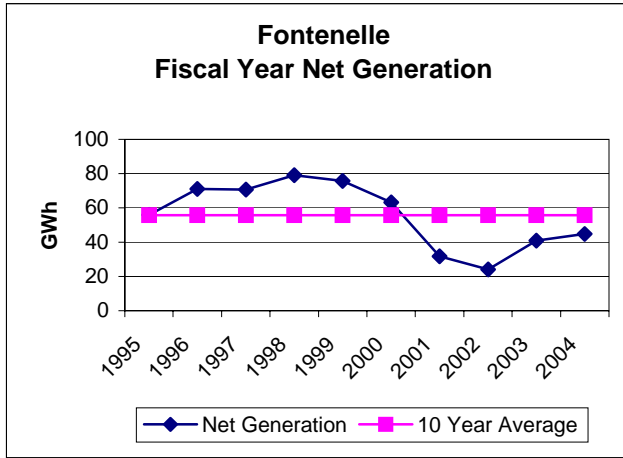
Fontenelle Ancillary Services	
Spinning Reserve	Yes
Non-Spinning Reserve	Yes
Replacement Reserve	Yes
Regulation/Load Following	Yes
Black Start	Yes
Voltage Support	Yes

### Generators

Fontenelle Generators Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	10,000	0	10,000
1 Unit	10,000	0	10,000

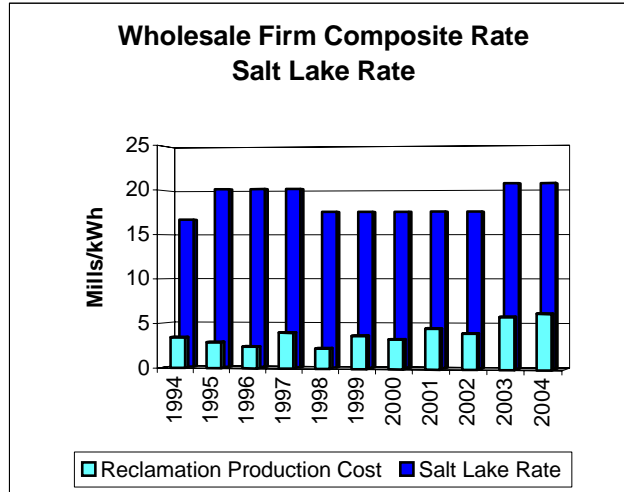
**Fontenelle Powerplant  
10-30 MW**

**Generation**

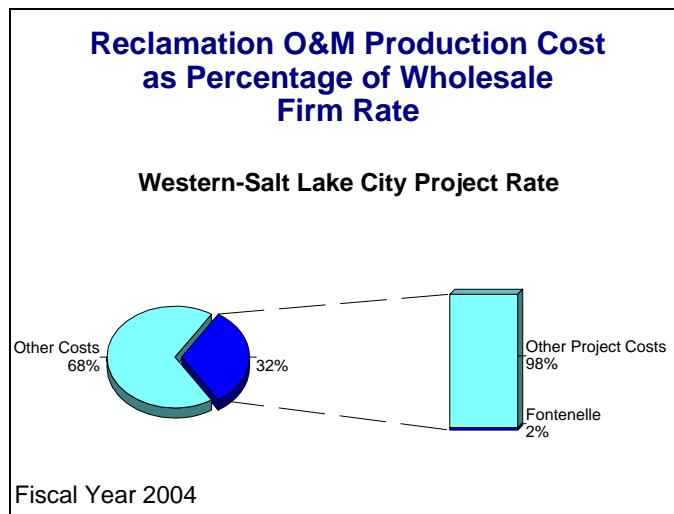


**Prime Laboratory Benchmarks**

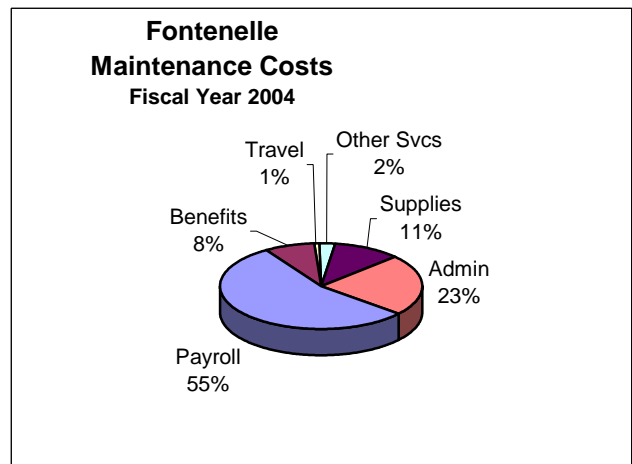
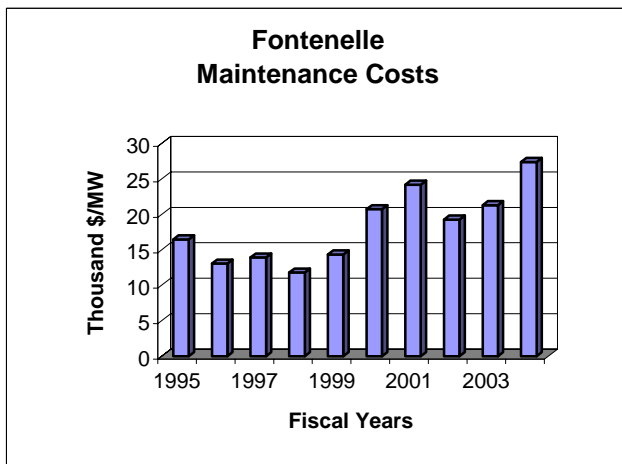
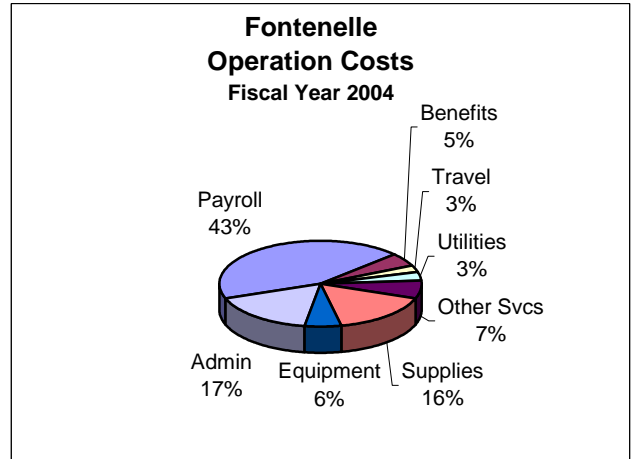
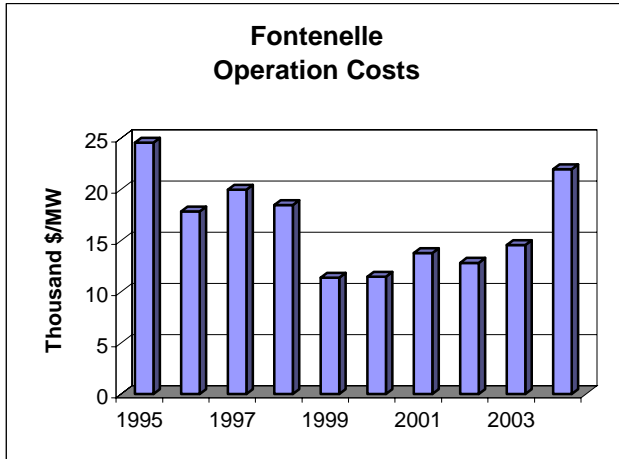
**Benchmark 1  
Wholesale Firm Rate**



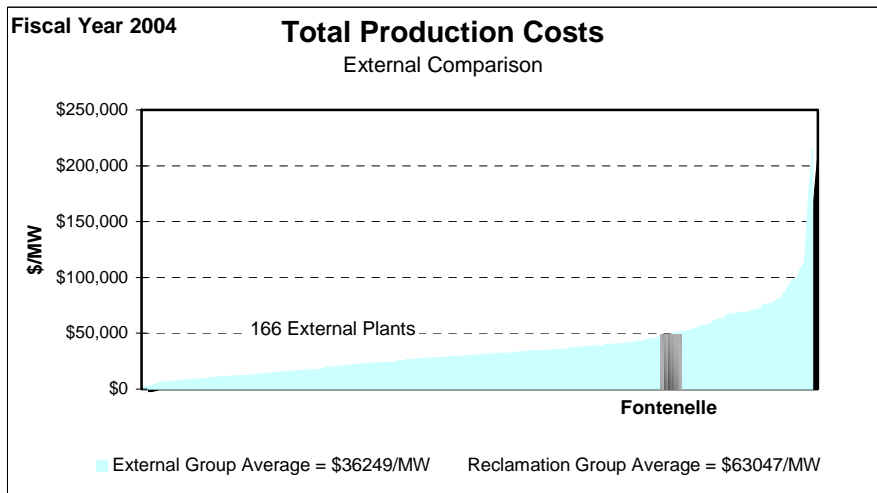
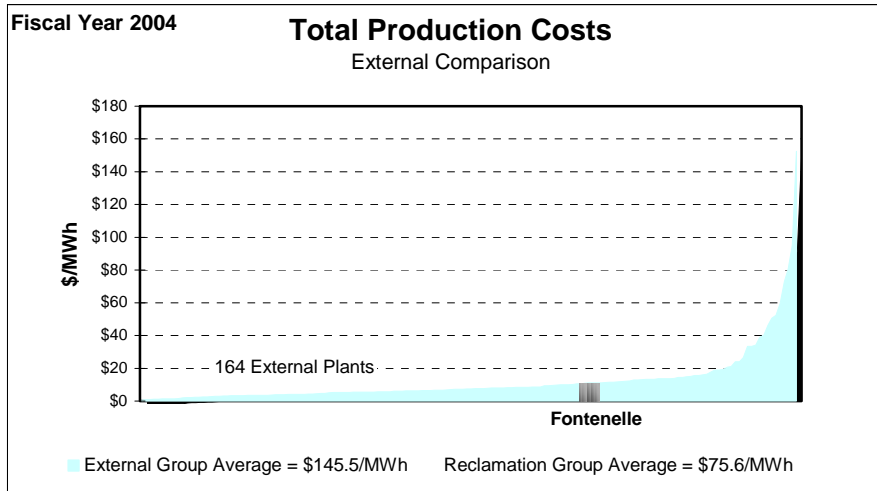
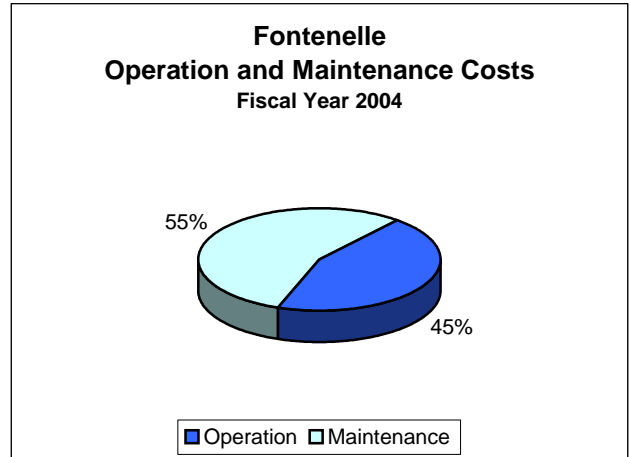
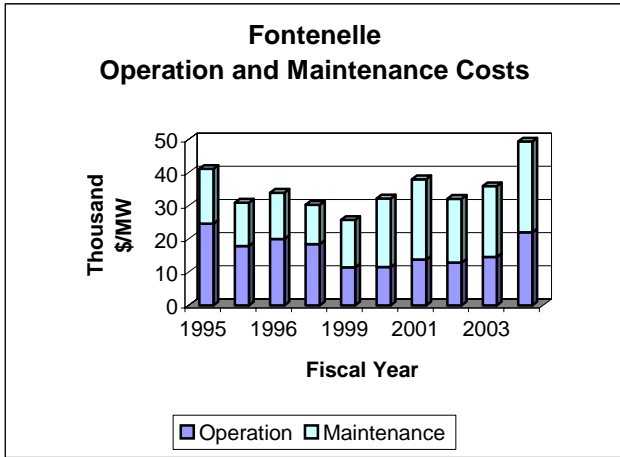
**Benchmark 2  
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**



Benchmark 3  
Production Cost

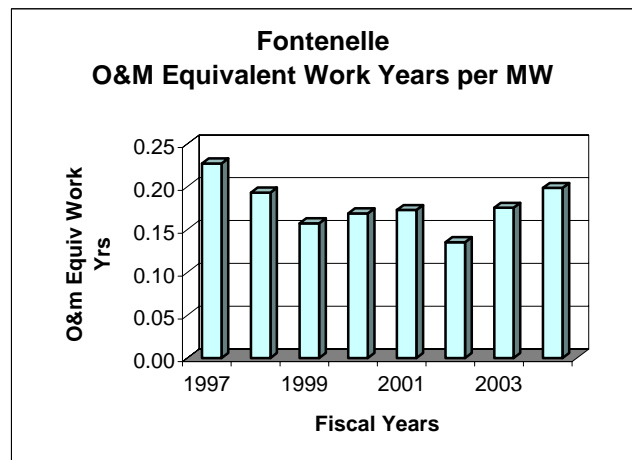
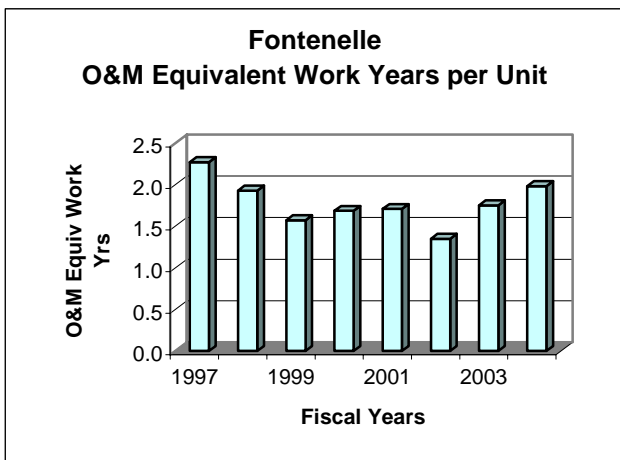
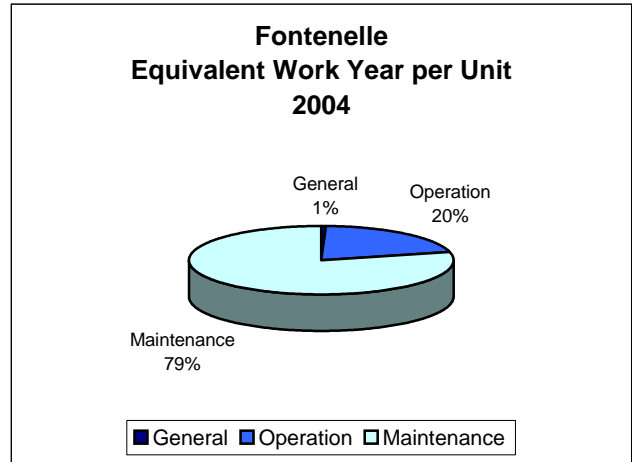
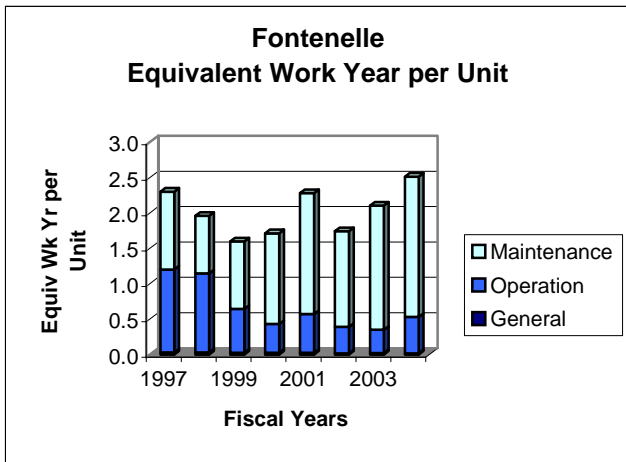


Benchmark 3  
Production Cost

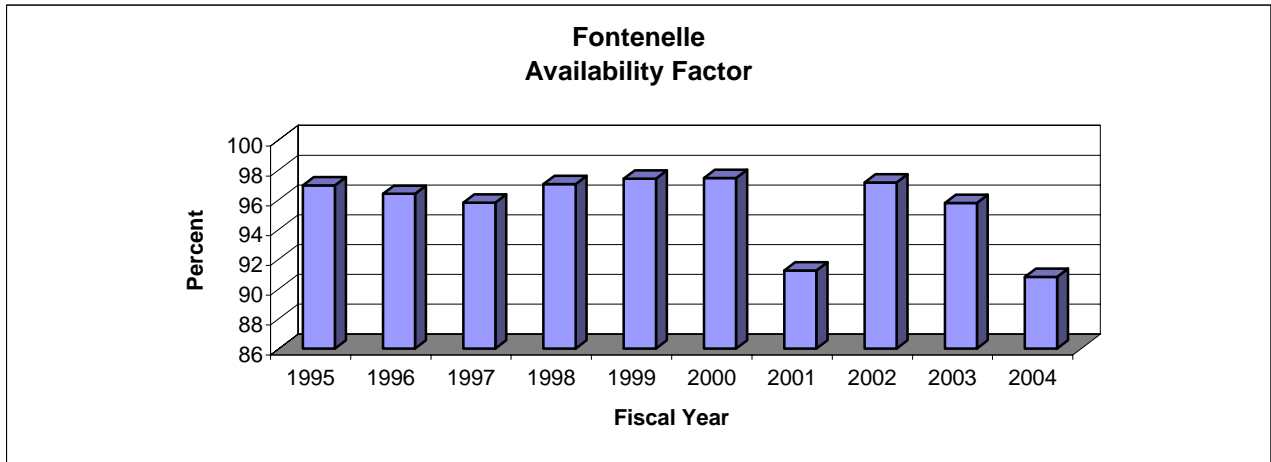


Benchmark 4  
Workforce Deployment

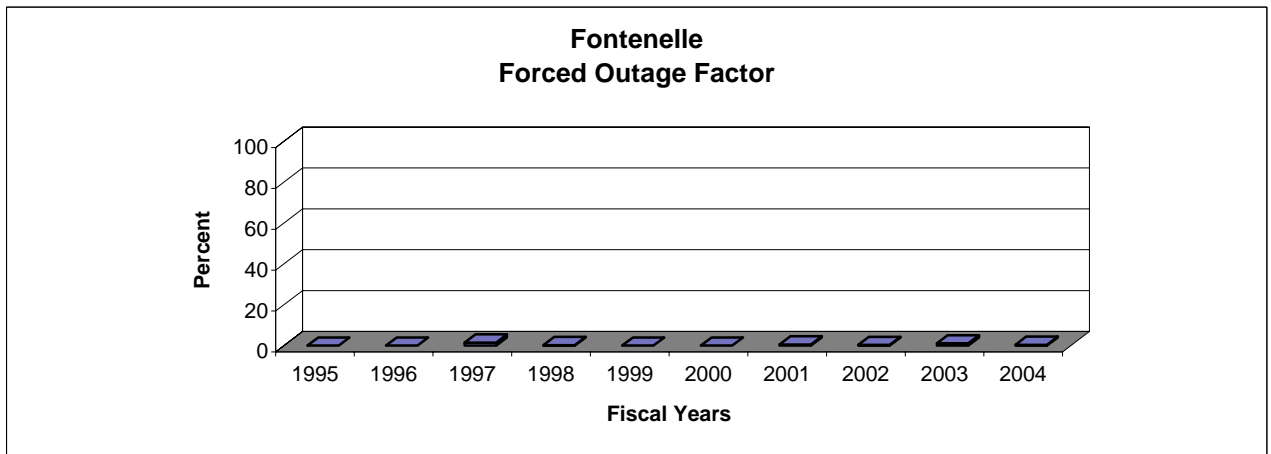
Fontenelle 2004 Equivalent Work Year Levels						
	Equiv Work Year Charged to Powerplant	Leave Additive	Denver and Washington Equiv Work Year Additive	Total Equiv Work Year Allocated to Powerplant	Total Equiv Work Year per Generating Unit	Total Equiv Work Year per Megawatt
General	0.00	0.00	0.02	0.02	0.02	0.00
Operation	0.46	0.05	0.00	0.51	0.51	0.05
Maintenance	1.78	0.20	0.00	1.98	1.98	0.20
Total Staffing	2.24	0.25	0.02	2.51	2.51	0.25



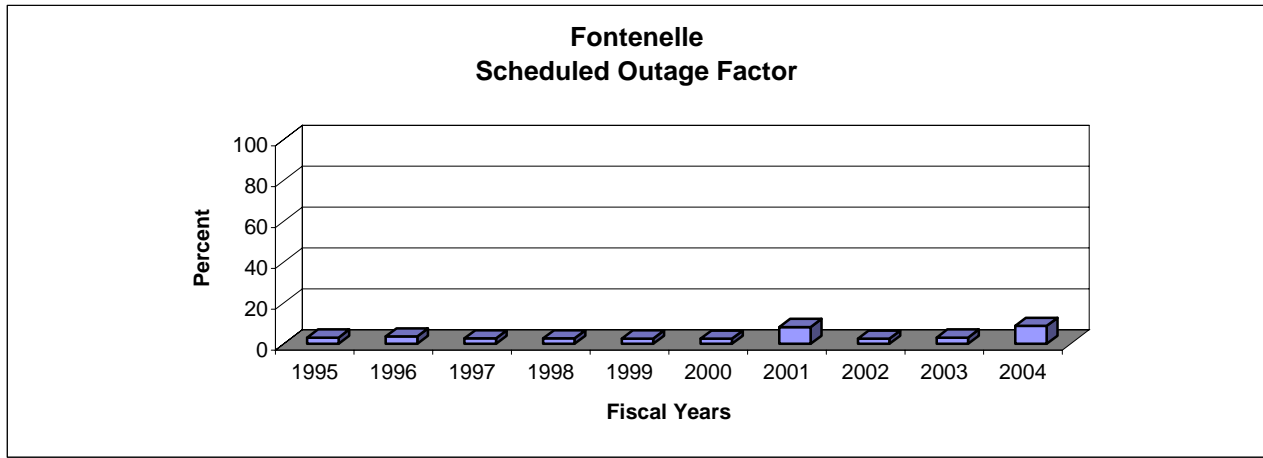
**Benchmark 5  
Availability Factor**



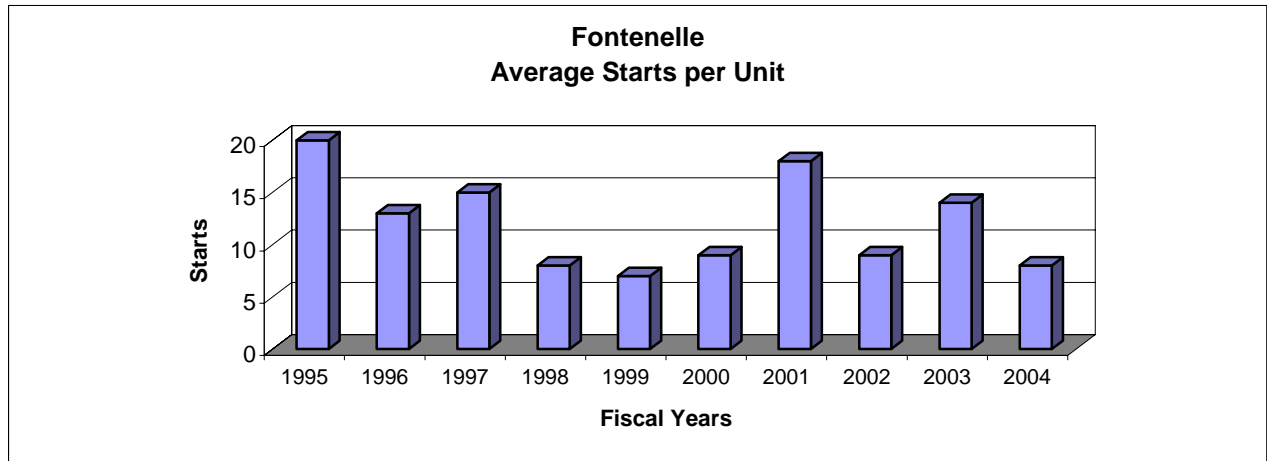
**Benchmark 6  
Forced Outage Factor**



**Benchmark 7  
Scheduled Outage Factor**



**Starts**





**Fontenelle Powerplant  
10-30 MW**

<b>Benchmark Data Comparison</b>					
<b>Fiscal Year 2004</b>	<b>Fontenelle Powerplant</b>	<b>Reclamation Average 10-30 MW Group</b>	<b>Total Reclamation Average</b>	<b>Industry Average</b>	<b>Best Performers</b>
<b>Wholesale Firm Rate Mills/kWh</b>	20.7	Not Applicable	*21.06	Not Available	Not Available
<b>Production Cost as Percentage of Wholesale Firm Rate</b>	0.58%	Not Applicable	13.5%	Not Applicable	Not Applicable
<b>O&amp;M Cost \$/MWh</b>	11.02	24.61	2.77	145.47	1.23
<b>O&amp;M Costs \$/MW</b>	49,372.52	65,356.27	7,316.97	36,248.69	2,951.22
<b>O&amp;M Equip Work Year per MW</b>	0.20	0.33	0.04	Not Available	0
<b>Availability Factor</b>	90.8	71.0	86.9	**89.2	99.96983495
<b>Forced Outage Factor</b>	0.4	0.1	0.7	**1.9	0.00
<b>Scheduled Outage Factor</b>	8.8	28.9	12.4	**8.9	0.02

\*Weighted by Net Generation

\*\*2003 NERC Average