

**Ancillary Services**

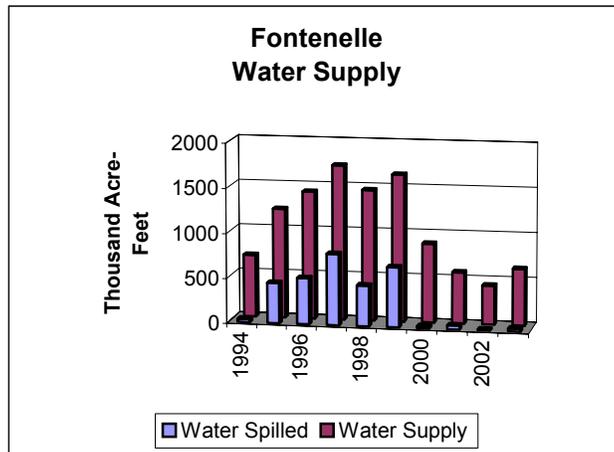
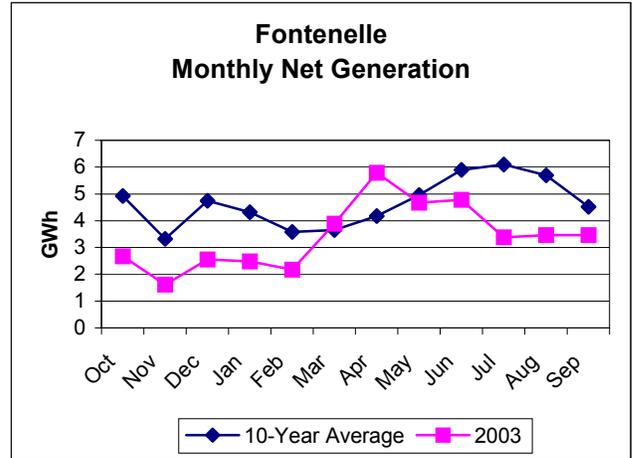
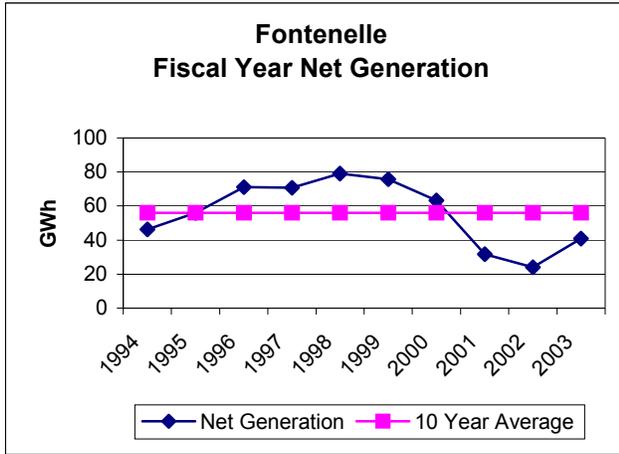
<b>Fontenelle Ancillary Services</b>	
Spinning Reserve	Yes
Non-Spinning Reserve	Yes
Replacement Reserve	Yes
Regulation/Load Following	Yes
Black Start	Yes
Voltage Support	Yes

**Generators**

<b>Fontenelle Generators</b> 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

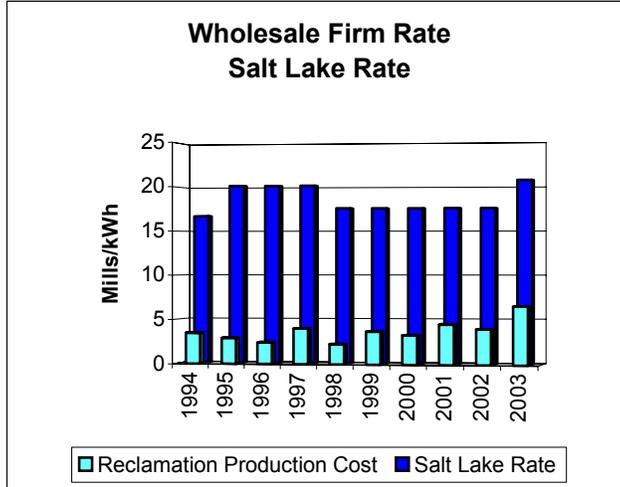
**Fontenelle Powerplant  
10-30 MW**

**Generation**

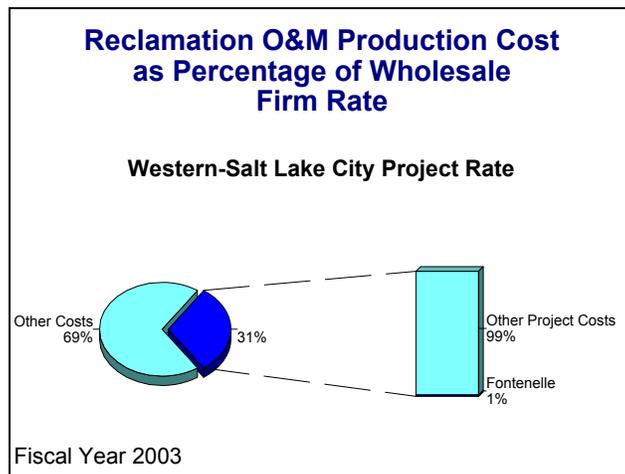


**Prime Laboratory Benchmarks**

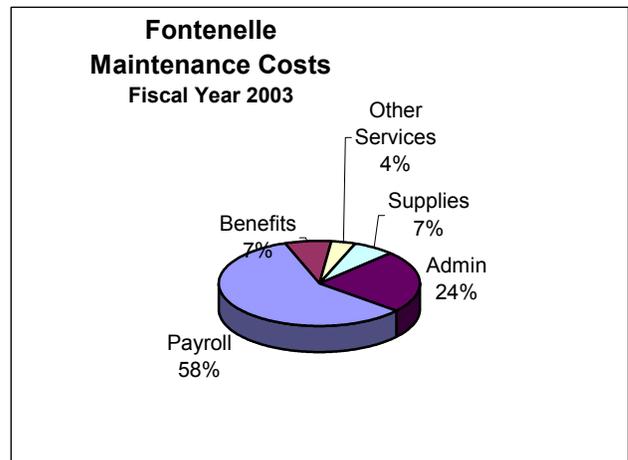
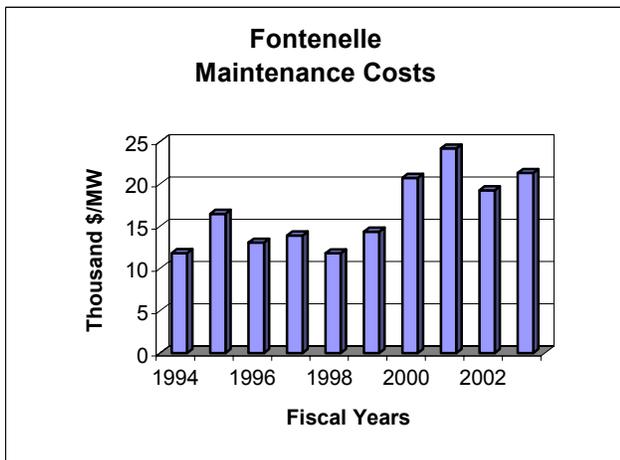
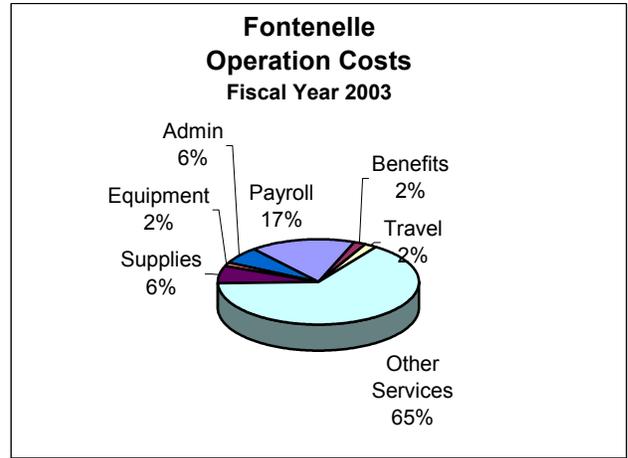
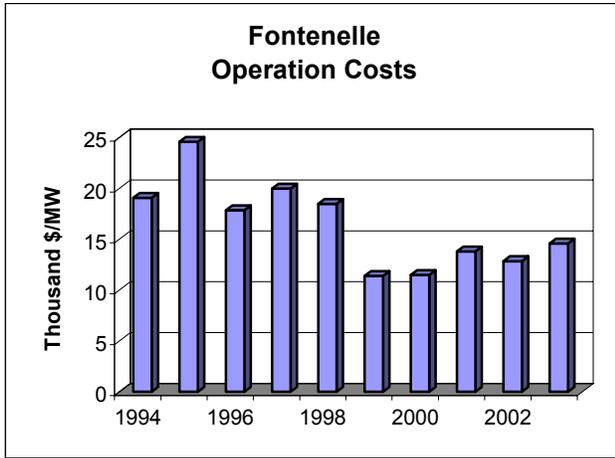
**Benchmark 1  
Wholesale Firm Rate**



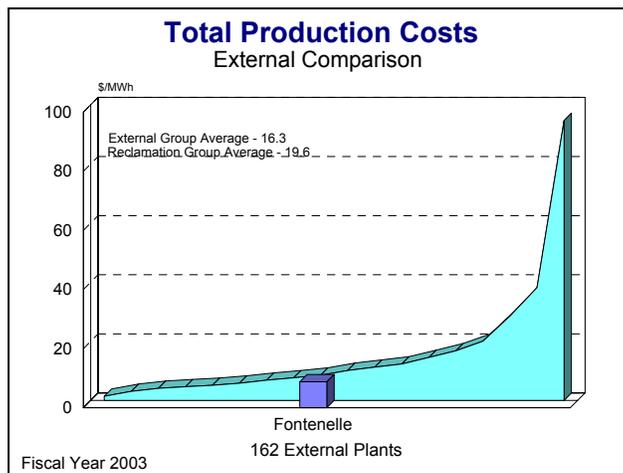
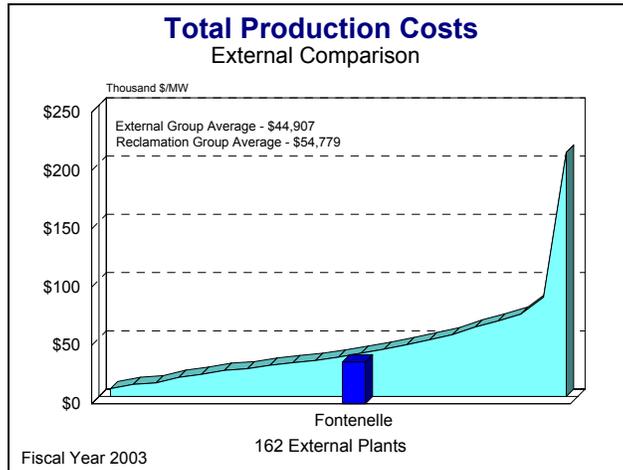
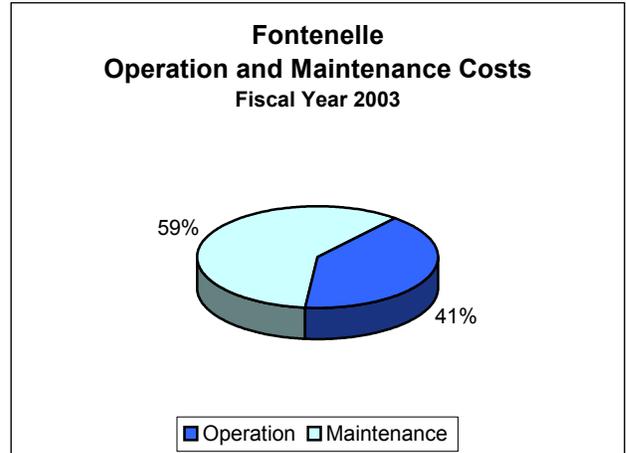
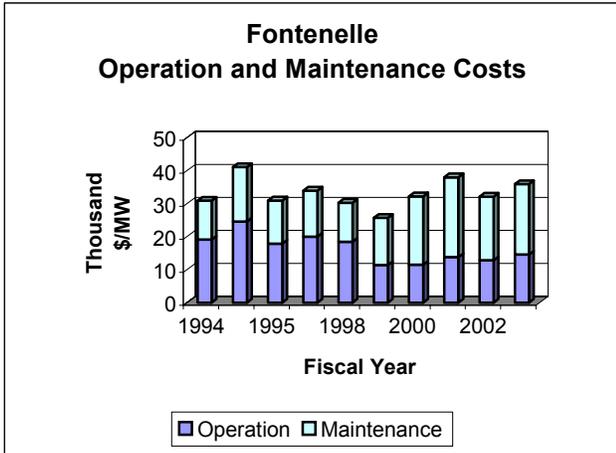
**Benchmark 2  
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**



Benchmark 3  
Production Cost



**Benchmark 3  
Production Cost**

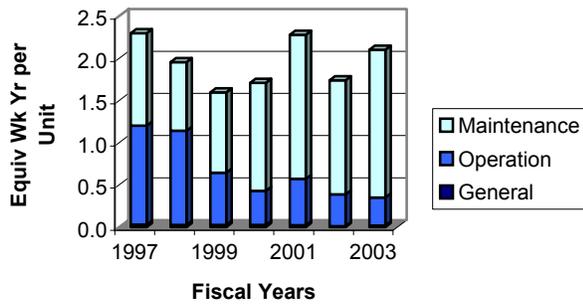


Benchmark 4  
Workforce Deployment

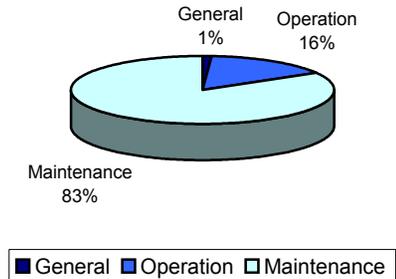
Fontenelle  
2003 Equivalent  
Work Year Levels

	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	0	0.02	0.02	0.02	0.002
Operation	0.29	0.04	0	0.33	0.33	0.03
Maintenance	1.57	0.19	0	1.75	1.75	0.18
Total Staffing	1.86	0.22	0.02	2.1	2.1	0.21

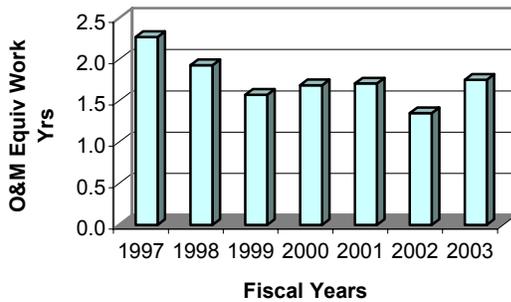
Fontenelle  
Equivalent Work Year per Unit



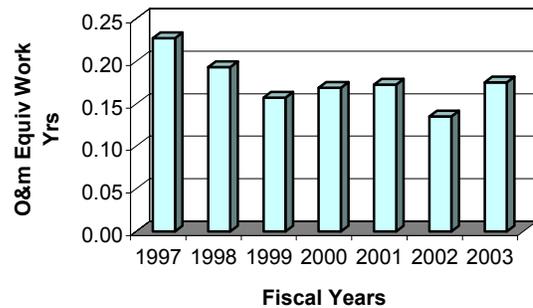
Fontenelle  
Equivalent Work Year per Unit  
2003



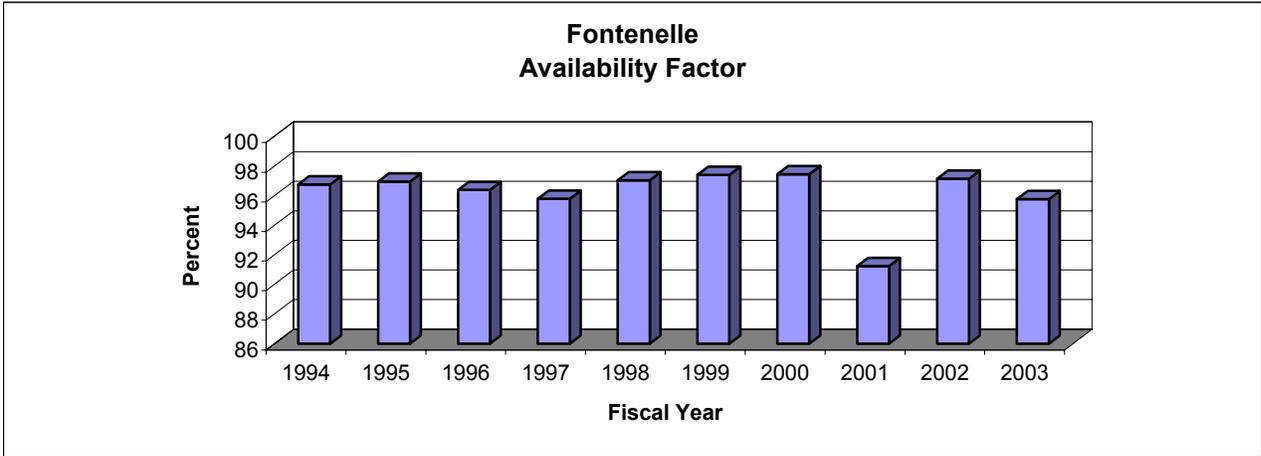
Fontenelle  
O&M Equivalent Work Years per Unit



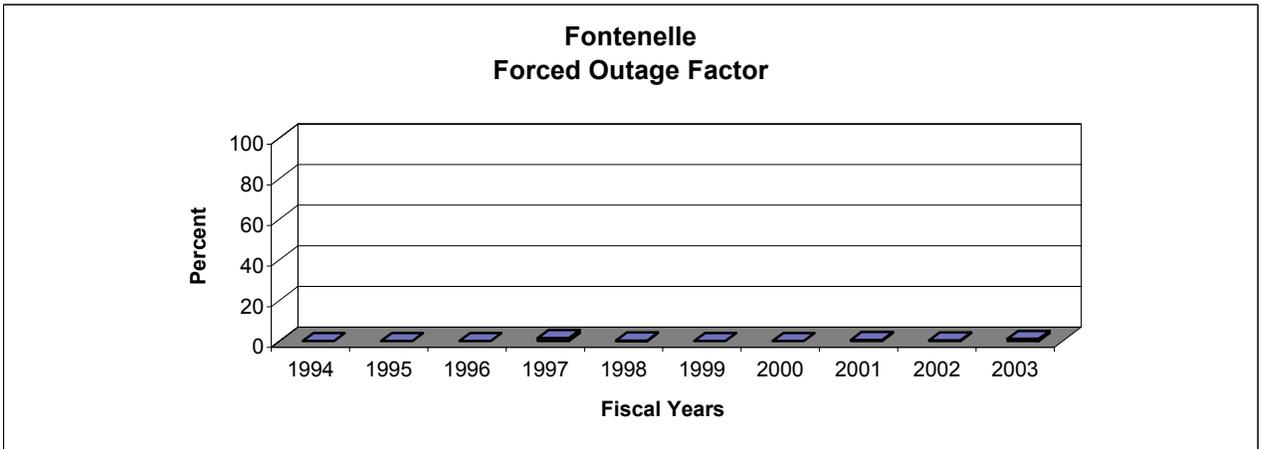
Fontenelle  
O&M Equivalent Work Years per MW



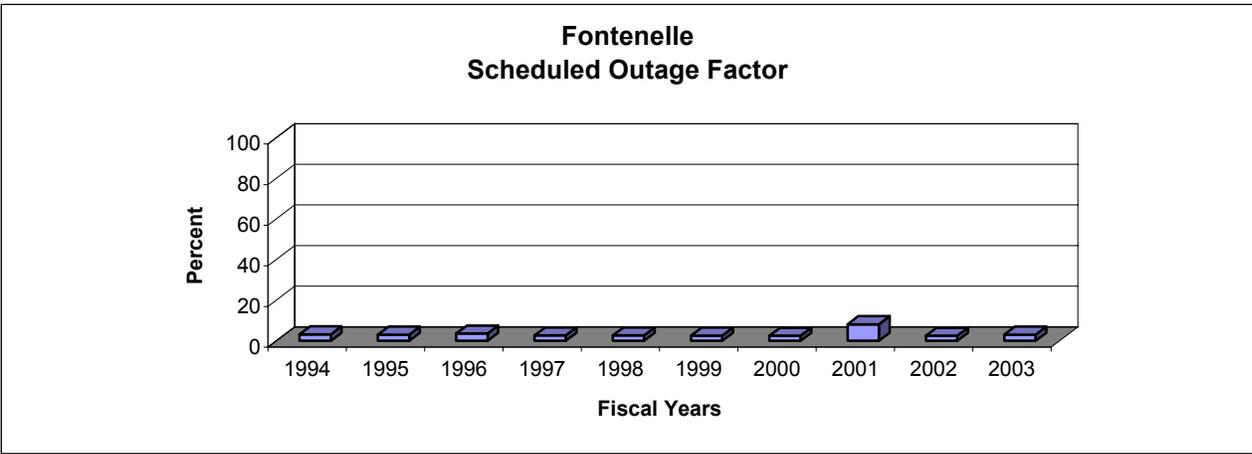
**Benchmark 5  
Availability Factor**



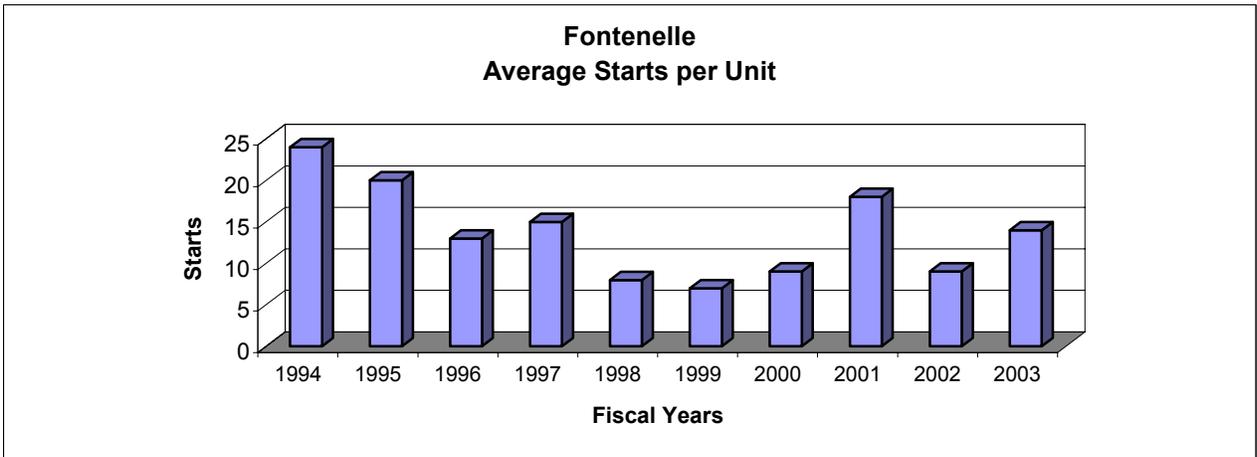
**Benchmark 6  
Forced Outage Factor**



**Benchmark 7  
Scheduled Outage Factor**



**Starts**



## Benchmark Data Comparison

Fiscal Year 2003	Fontenelle Powerplant	Reclamation Average 10-30 MW Group	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	20.7	Not Applicable	*23.1	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	0.40%	Not Applicable	12.0%	Not Applicable	Not Applicable
O&M Cost \$/MWh	8.8	17.0	2.7	16.3	1.1
O&M Costs \$/MW	35,893	54,175	7,315	44,907	3,108
O&M Equip Work Year per MW	0.2	0.28	0.04	Not Available	0.01
Availability Factor	95.8	84.2	83.6	**88.9	99.1
Forced Outage Factor	1.1	0.7	1.5	**2.4	0.0
Scheduled Outage Factor	3.1	15.1	14.9	**8.7	0.0

\*Weighted by Net Generation  
\*\*2002 NERC Average