

O'Neill Pump-Generating Plant Central Valley Project

Ancillary Services

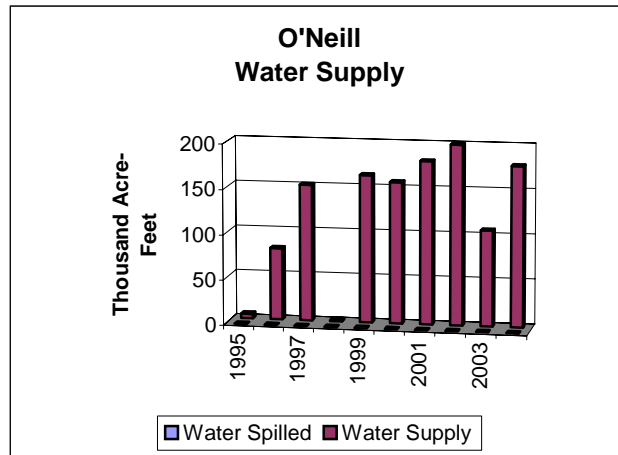
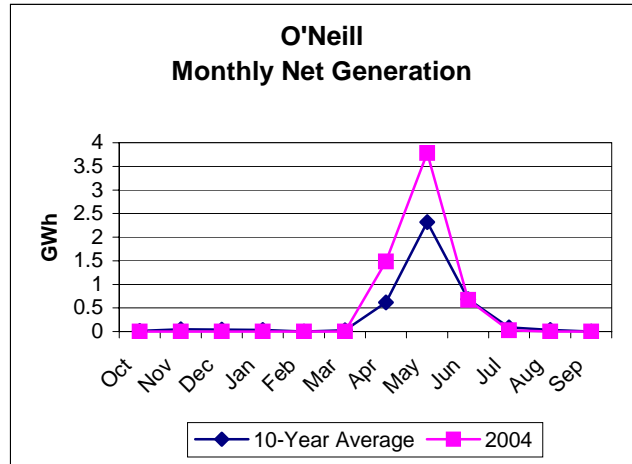
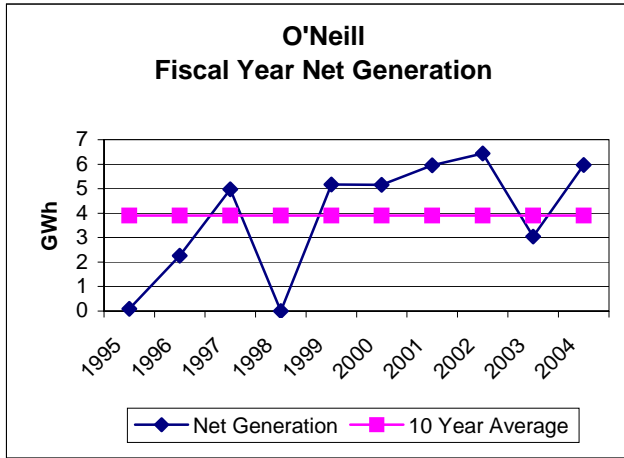
O'Neill Ancillary Services	
Spinning Reserve	No
Non-Spinning Reserve	No
Replacement Reserve	No
Regulation/Load Following	No
Black Start	No
Voltage Support	No

Generators

O'Neill Generators Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	4,200	0	4,200
2	4,200	0	4,200
3	4,200	0	4,200
4	4,200	0	4,200
5	4,200	0	4,200
6	4,200	0	4,200
6 Units	25,200	0	25,200

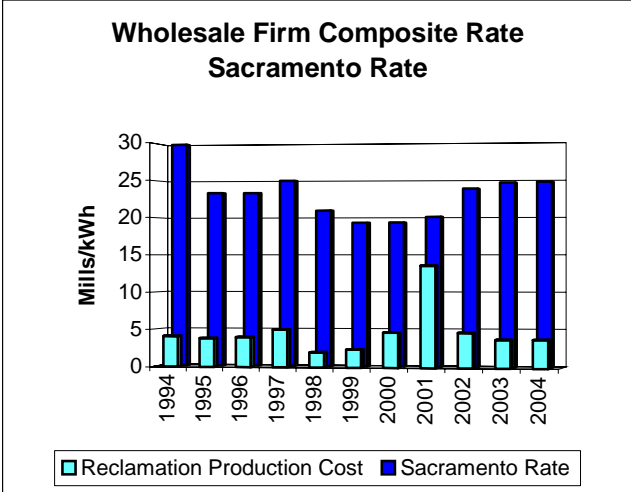
O'Neill Pumping Generating Plant
Other

Generation



Prime Laboratory Benchmarks

**Benchmark 1
Wholesale Firm Rate**



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

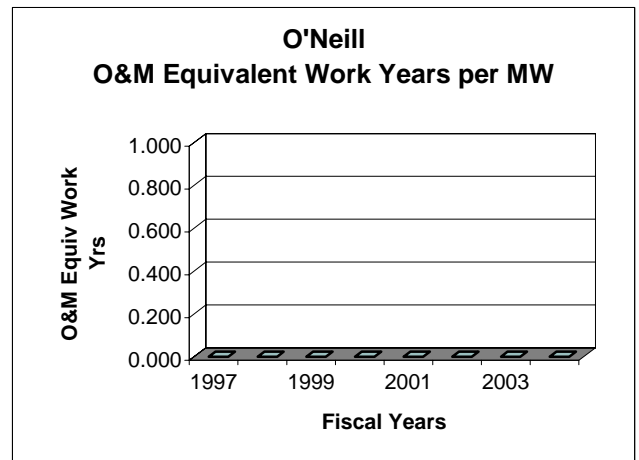
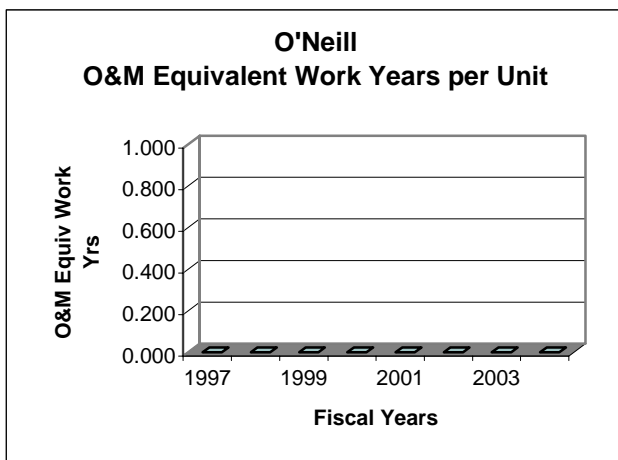
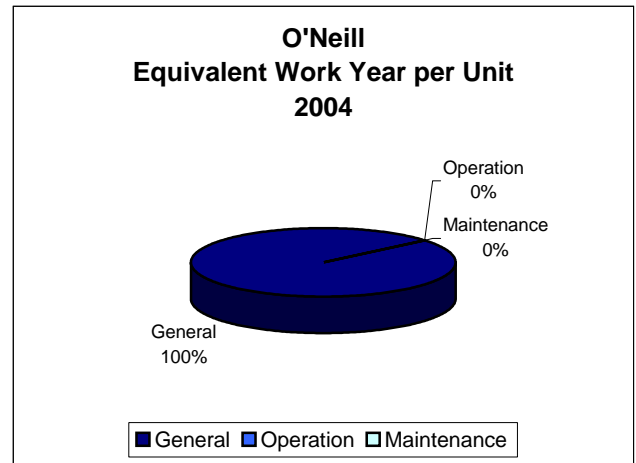
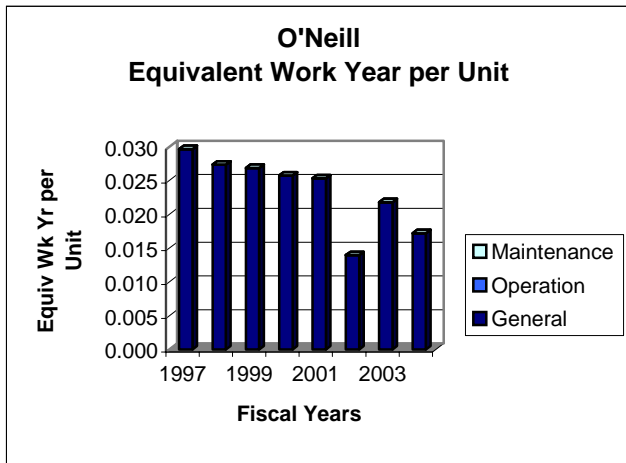
No Cost Data Available

**Benchmark 3
Production Cost**

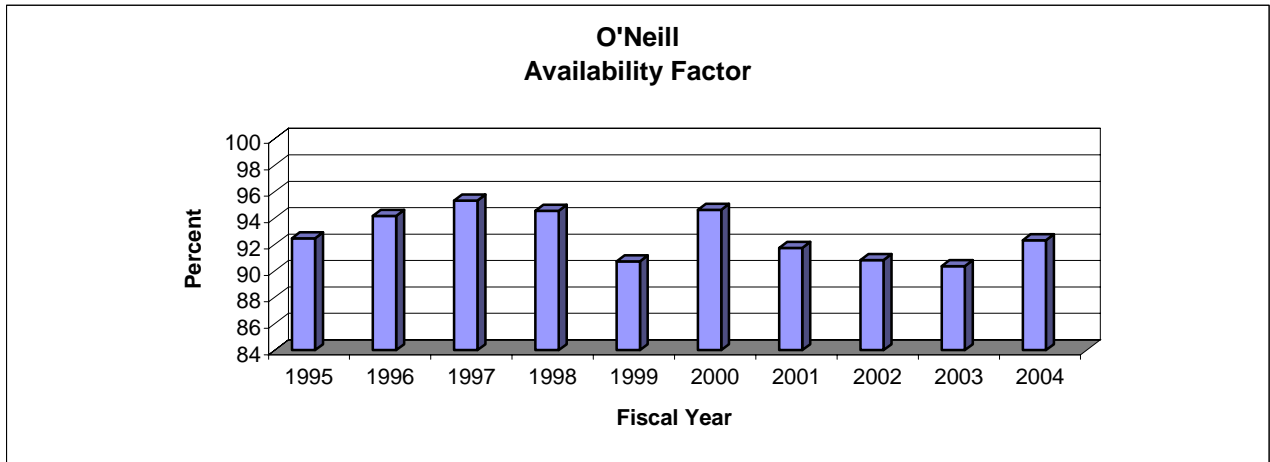
No Cost Data Available

**Benchmark 4
Workforce Deployment**

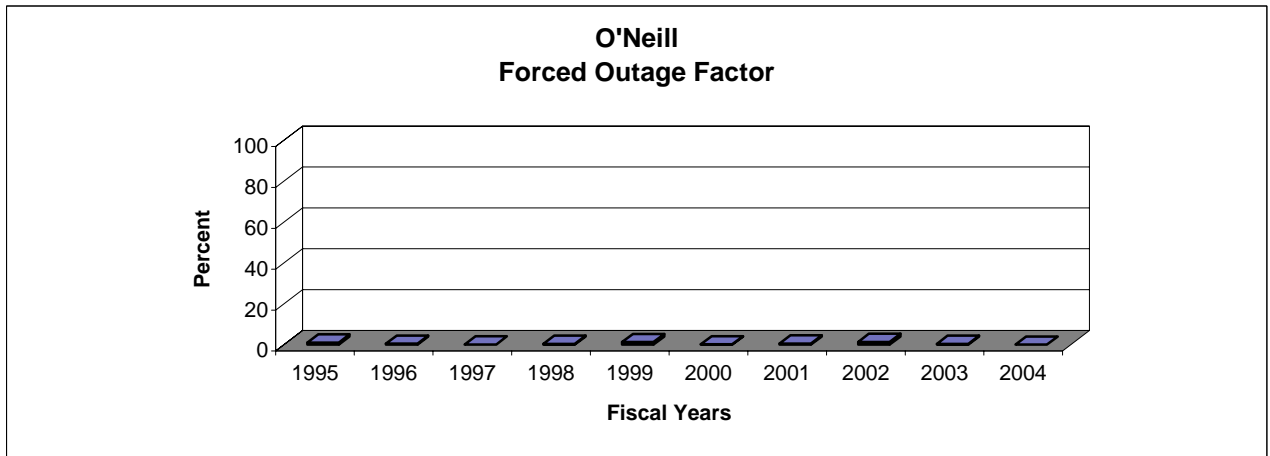
O'Neill 2004 Equivalent Work Year Levels						
	Equiv Work Year Charged to Powerplant	Leave Additive	Denver and Washington Equiv Work Year Additive	Total Equiv Work Year Allocated to Powerplant	Total Equiv Work Year per Generating Unit	Total Equiv Work Year per Megawatt
General	0.00	0.00	0.10	0.10	0.02	0.00
Operation	0.00	0.00	0.00	0.00	0.00	0.00
Maintenance	0.00	0.00	0.00	0.00	0.00	0.00
Total Staffing	0.00	0.00	0.10	0.10	0.02	0.00



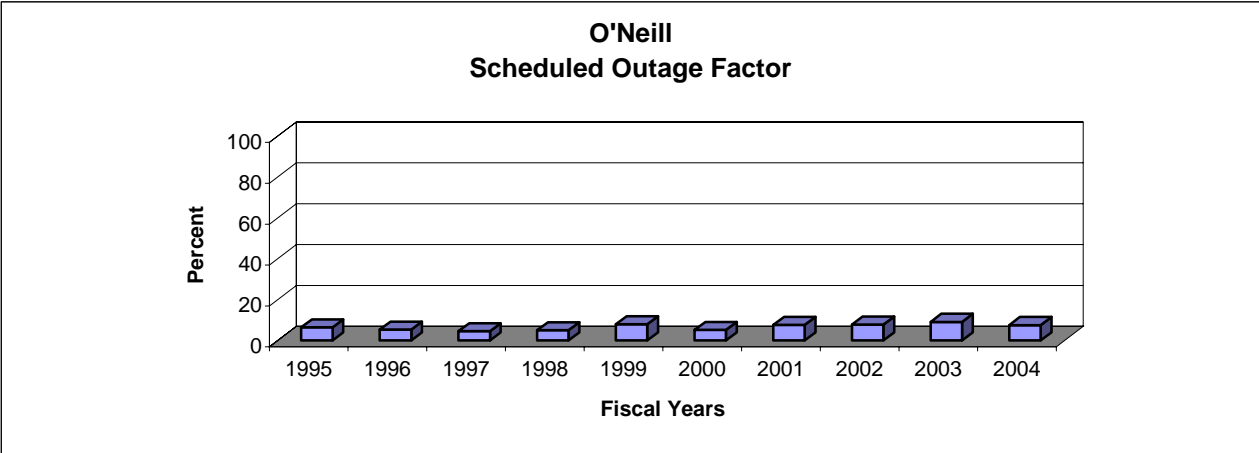
**Benchmark 5
Availability Factor**



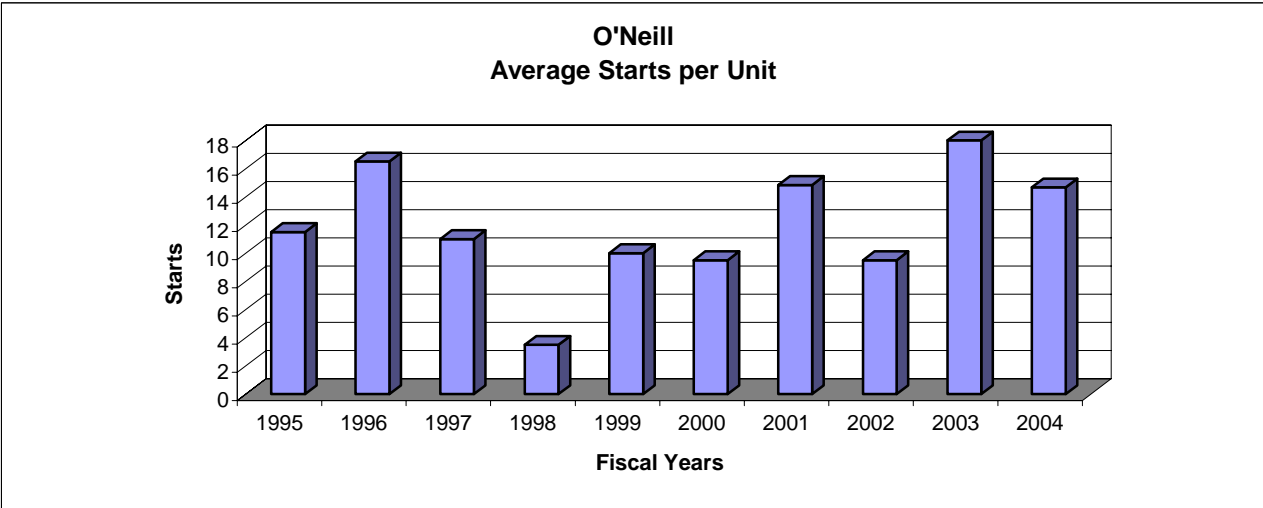
**Benchmark 6
Forced Outage Factor**



**Benchmark 7
Scheduled Outage Factor**



Starts



O'Neill Pumping Generating Plant
Other

Benchmark Data Comparison				
Fiscal Year 2004	O'Neill Powerplant	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	Not Applicable	*21.06	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	Not Applicable	13.5%	Not Applicable	Not Applicable
O&M Cost \$/MWh	Not Applicable	2.77	Not Applicable	1.23
O&M Costs \$/MW	Not Applicable	7,316.97	Not Applicable	2,951.22
O&M Equip Work Year per MW	0.00	0.04	Not Available	0.00
Availability Factor	92.3	86.9	**89.2	99.97
Forced Outage Factor	0.0	0.7	**1.9	0.00
Scheduled Outage Factor	7.6	12.4	**8.9	0.02

*Weighted by Net Generation

**2003 NERC Average

***Energy Information Administration Data