

Minidoka Powerplant Minidoka Project

Ancillary Services

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

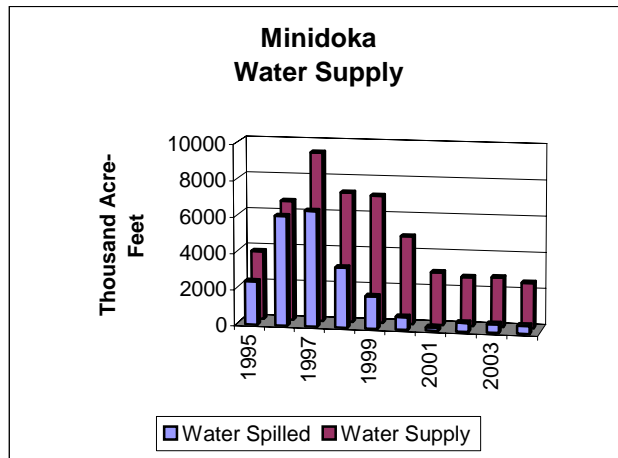
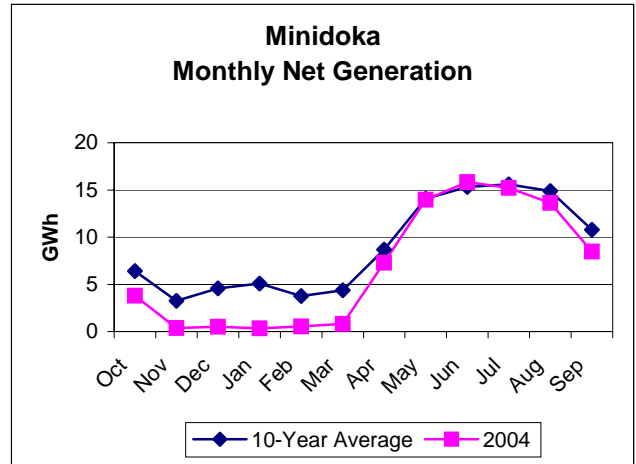
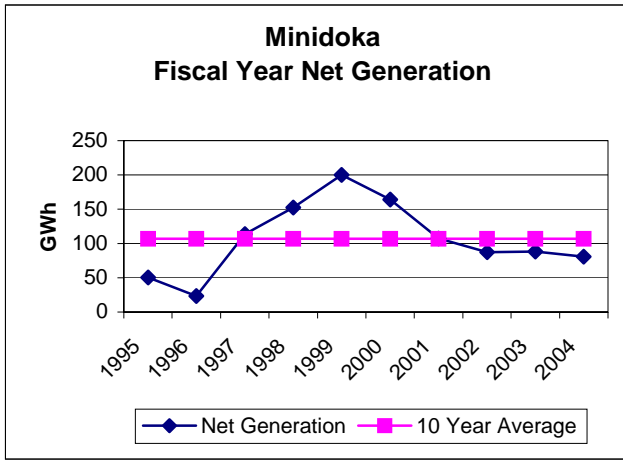
Generators

Minidoka Generators			
Existing Number and Capacity			
Unit #	Original Nameplate (kW)	Increased (kW)	Present Nameplate (kW)
1	1,200	0	Retired
2	1,200	0	Retired
3	1,200	0	Retired
4	1,200	0	Retired
5	1,200	0	Retired
6	0	2,400	2,400
7	0	5,000	5,000
8*	0	10,000	10,000
9*	0	10,000	10,000
4 Units	6,000	27,400	27,400

*Renamed Allen E. Inman Powerplant May 6, 1998

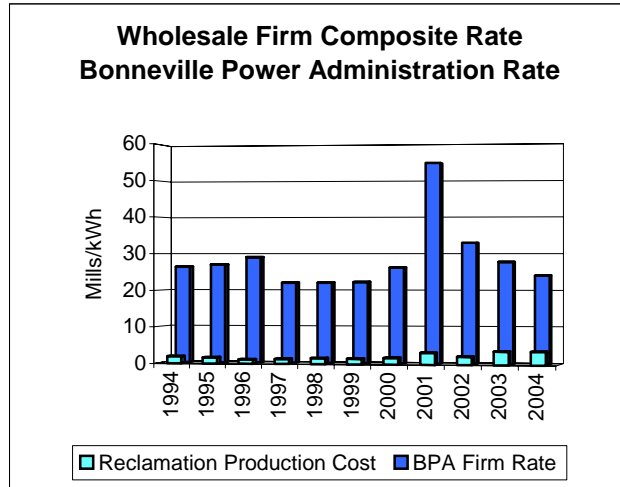
**Minidoka Powerplant
10-30 MW**

Generation

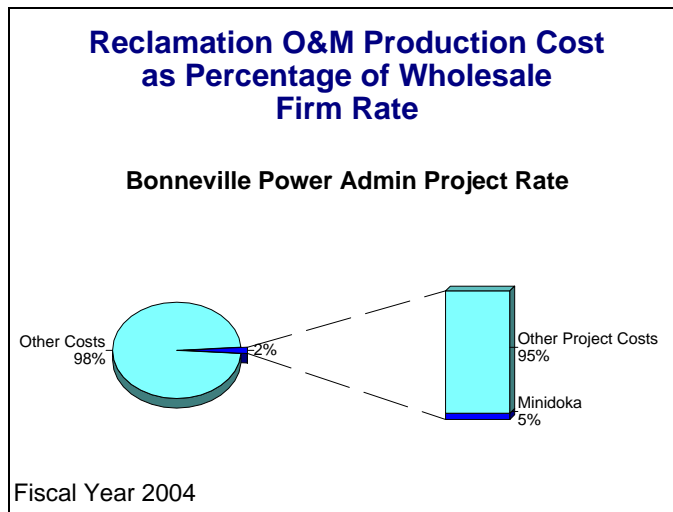


Prime Laboratory Benchmarks

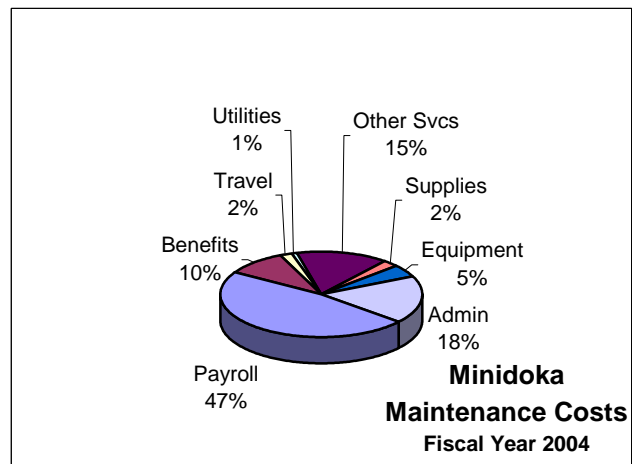
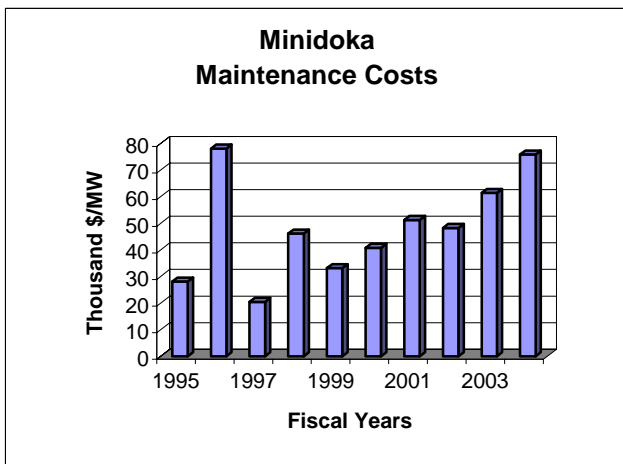
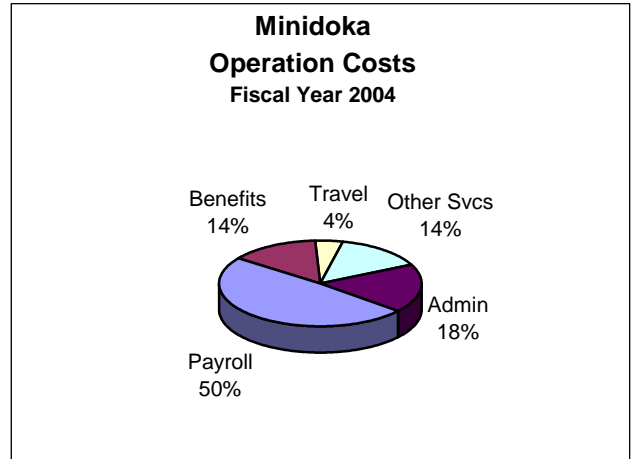
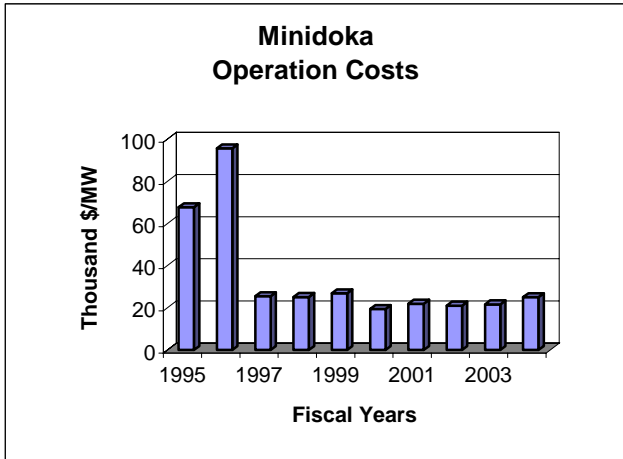
**Benchmark 1
Wholesale Firm Rate**



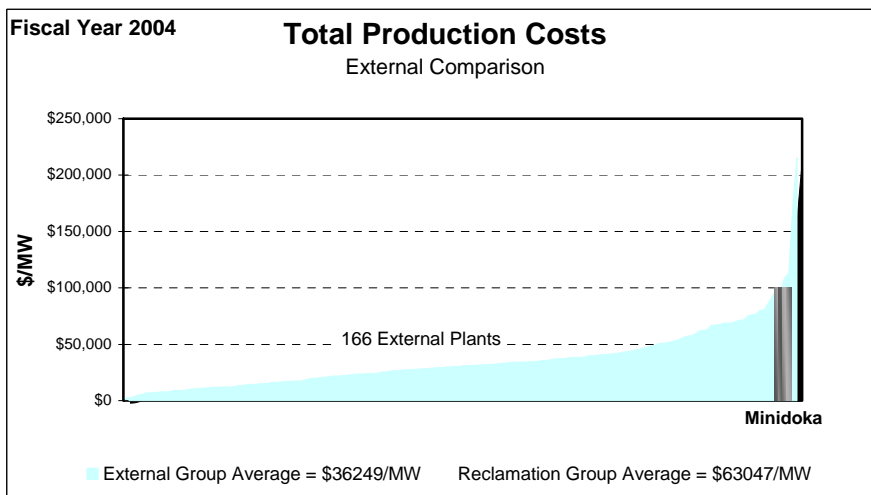
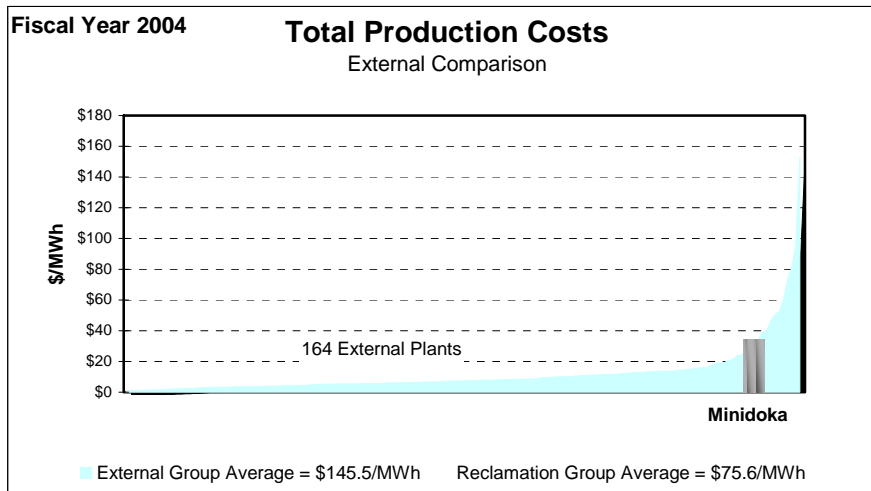
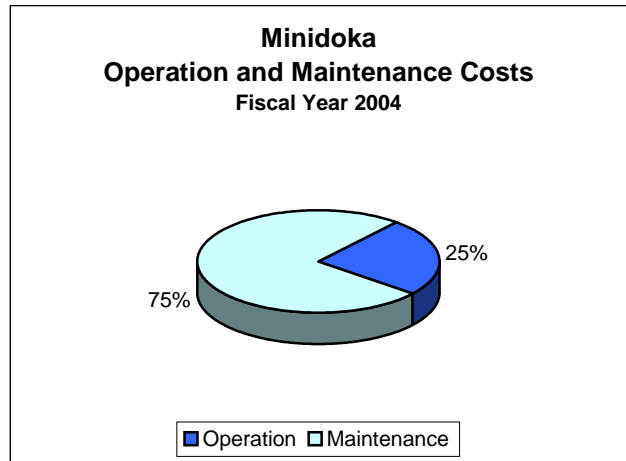
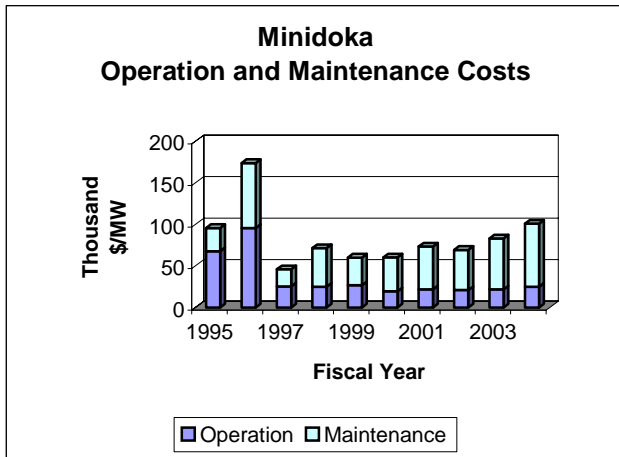
**Benchmark 2
Reclamation's Production Costs as Percentage of Wholesale Firm Rate**



**Benchmark 3
Production Costs**

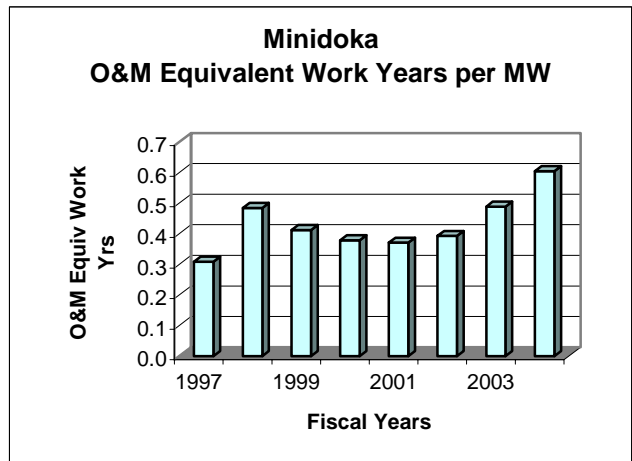
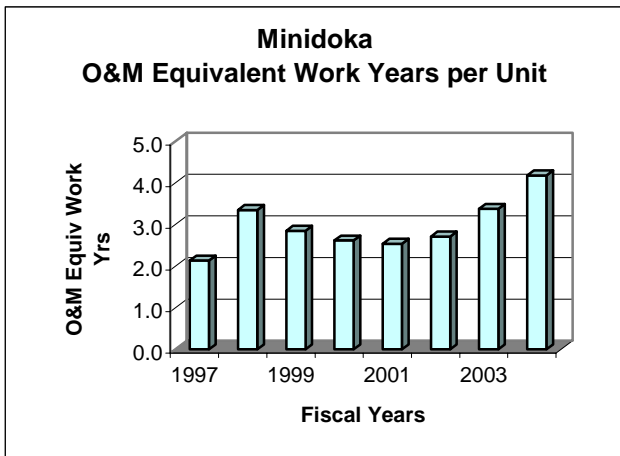
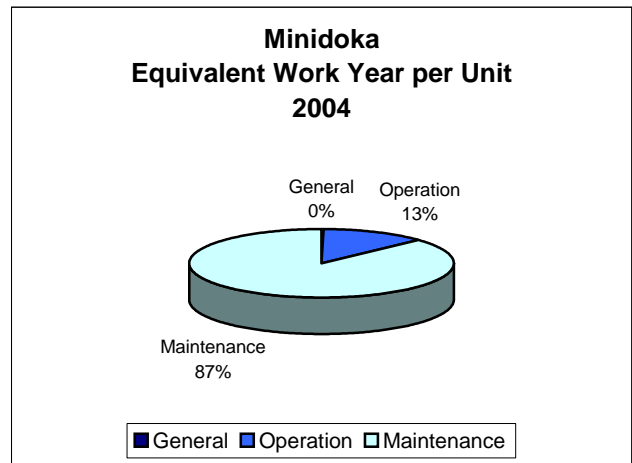
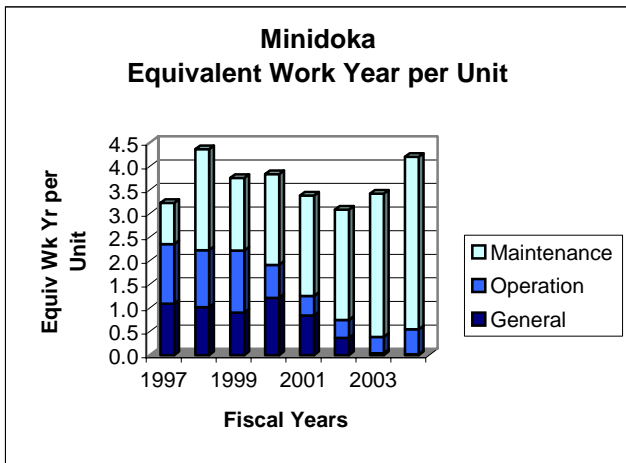


**Benchmark 3
Production Cost**

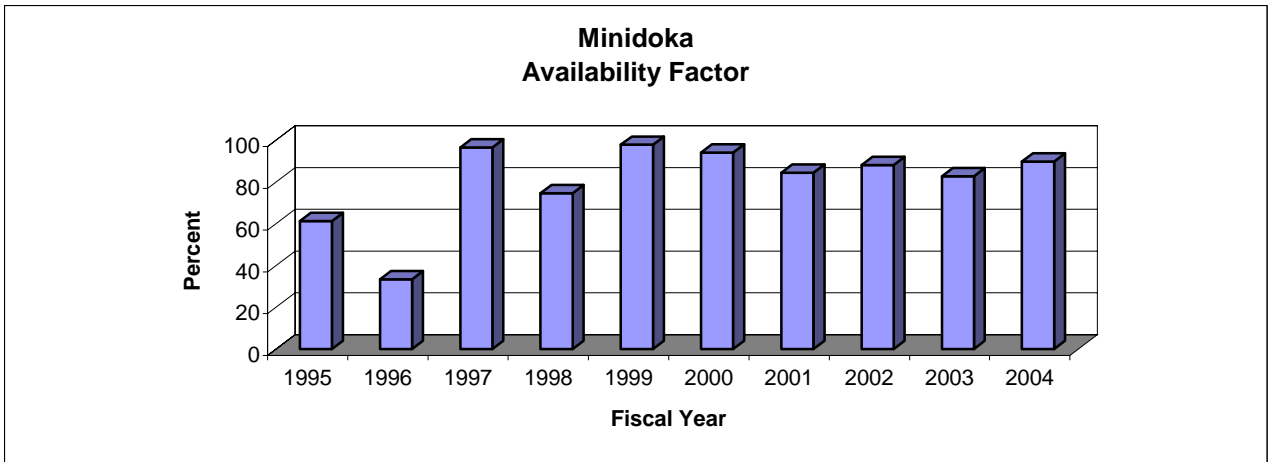


Benchmark 4
Workforce Deployment

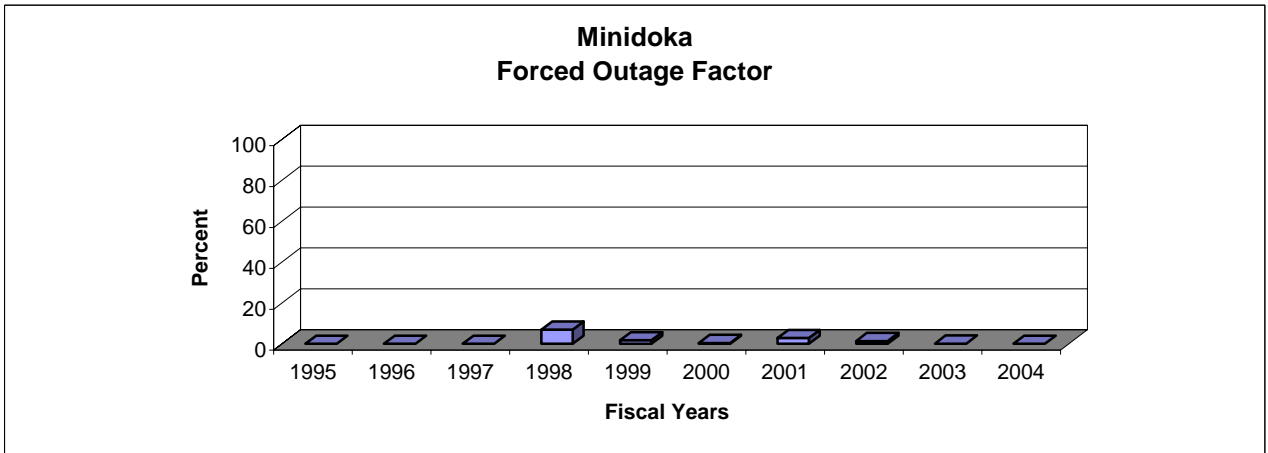
Minidoka 2004 Equivalent Work Year Levels						
	Equiv Work Year Charged to Powerplant	Leave Additive	Denver and Washington Equiv Work Year Additive	Total Equiv Work Year Allocated to Powerplant	Total Equiv Work Year per Generating Unit	Total Equiv Work Year per Megawatt
General	0.00	0.00	0.07	0.07	0.02	0.00
Operation	1.91	0.20	0.00	2.11	0.53	0.08
Maintenance	13.22	1.40	0.00	14.62	3.65	0.53
Total Staffing	15.13	1.60	0.07	16.80	4.20	0.61



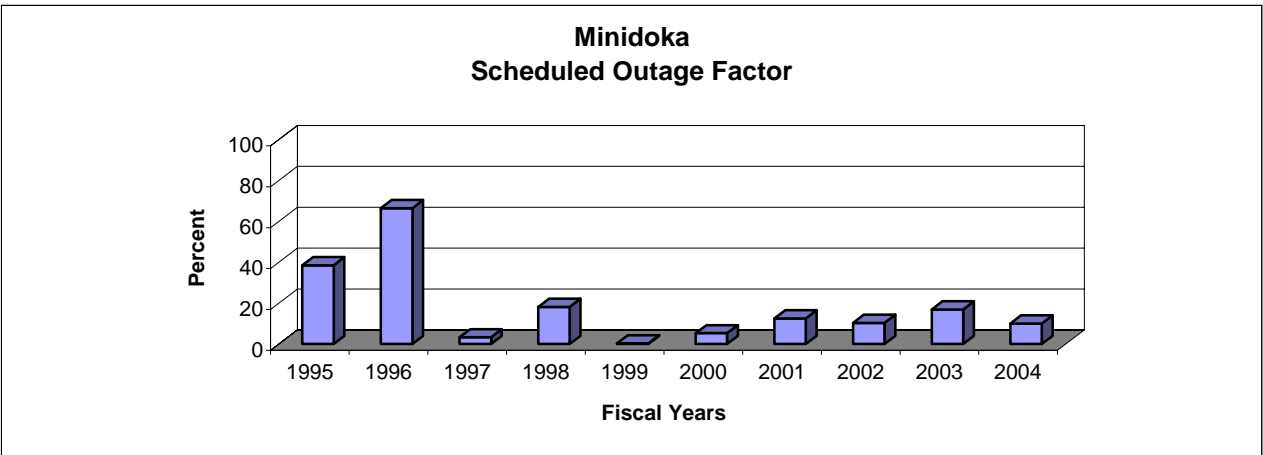
**Benchmark 5
Availability Factor**



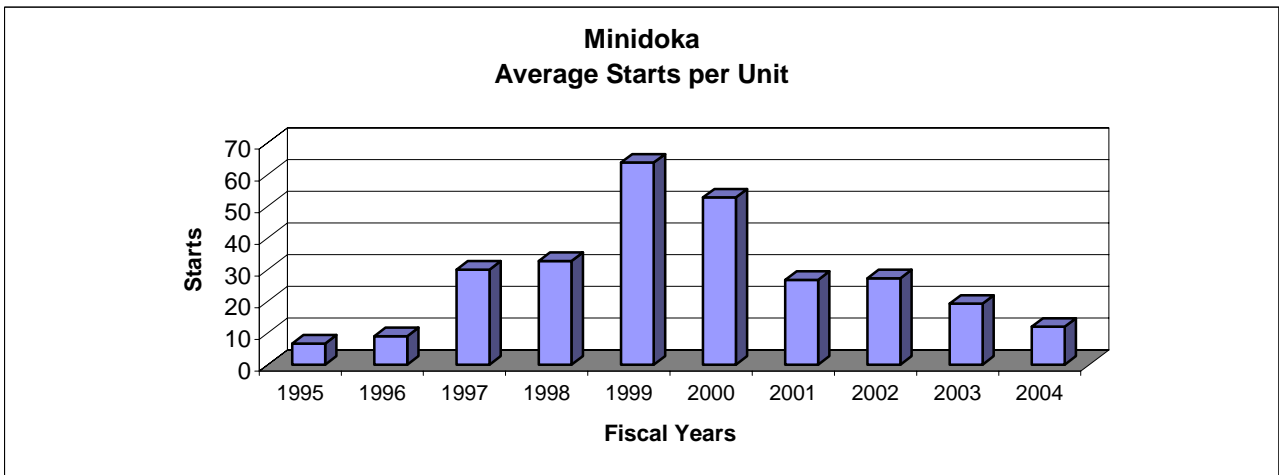
**Benchmark 6
Force Outage Factor**



**Benchmark 7
Scheduled Outage Factor**



Starts



**Minidoka Powerplant
10-30 MW**

Benchmark Data Comparison					
Fiscal Year 2004	Minidoka Powerplant	Reclamation Average 10-30 MW Group	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	27.7	Not Applicable	*21.06	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	0.09%	Not Applicable	13.5%	Not Applicable	Not Applicable
O&M Cost \$/MWh	34.61	24.61	2.77	145.47	1.23
O&M Costs \$/MW	100,898.70	65,356.27	7,316.97	36,248.69	2,951.22
O&M Equip Work Year per MW	0.60	0.33	0.04	Not Available	0.000
Availability Factor	89.8	71.0	86.9	**89.2	99.97
Forced Outage Factor	0.0	0.1	0.7	**1.9	0.00
Scheduled Outage Factor	10.1	28.9	12.4	**8.9	0.02

*Weighted by Net Generation

**2003 NERC Average