

**Ancillary Services**

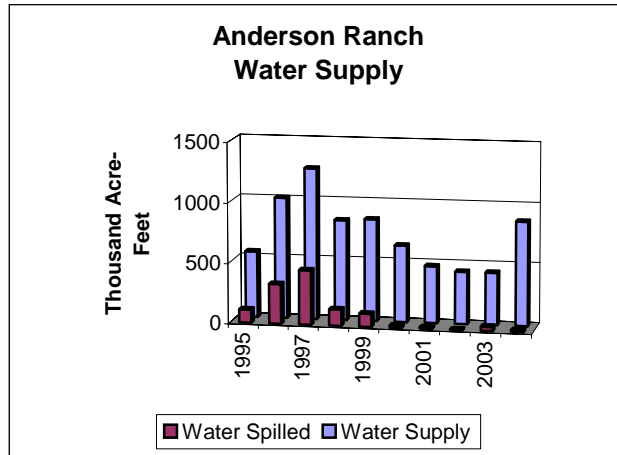
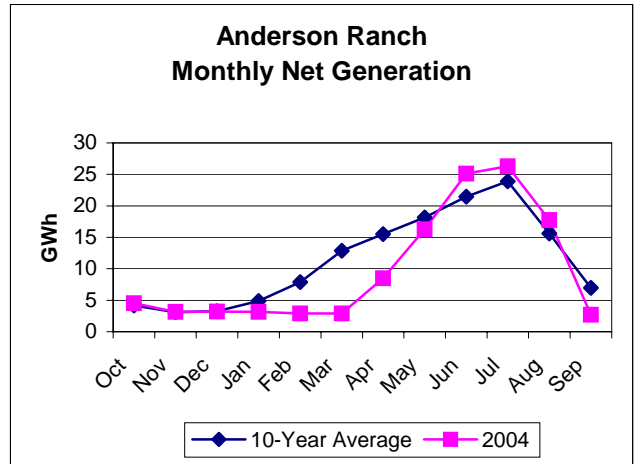
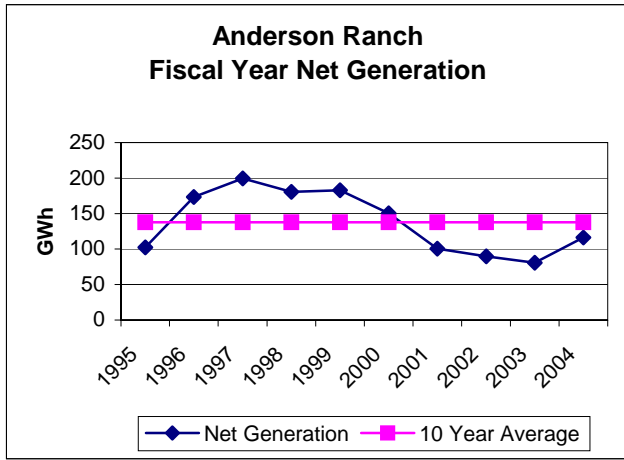
<b>Anderson Ranch Ancillary Services</b>	
Spinning Reserve	Yes
Non-Spinning Reserve	Yes
Replacement Reserve	Yes
Regulation/Load Following	Yes
Black Start	Yes
Voltage Support	Yes

**Generators**

<b>Anderson Ranch Generators</b>			
Existing Number and Capacity			
Unit #	Original Nameplate (kW)	Increased (kW)	Present Nameplate (kW)
1	13,500	6,500	20,000
2	13,500	6,500	20,000
2 Units	27,000	13,000	40,000

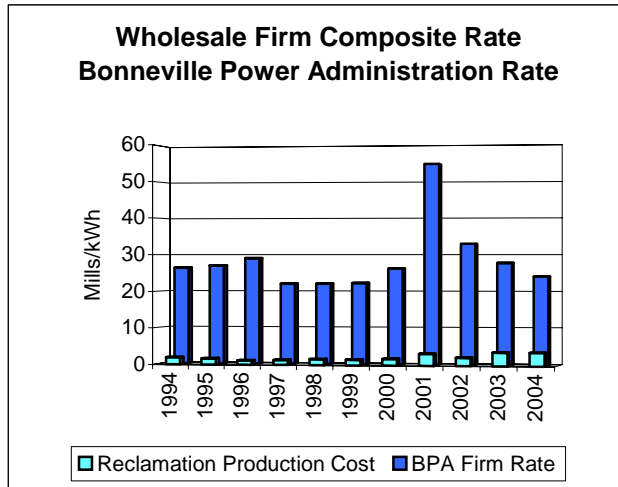
**Anderson Ranch Powerplant  
30-100 MW**

**Generation**

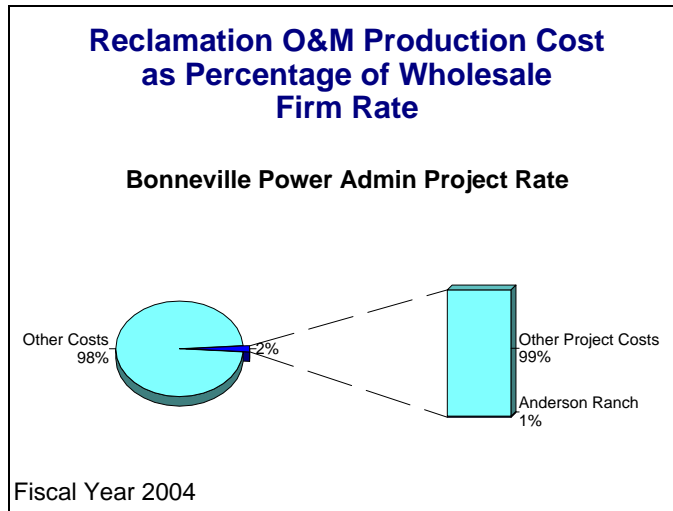


**Prime Laboratory Benchmarks**

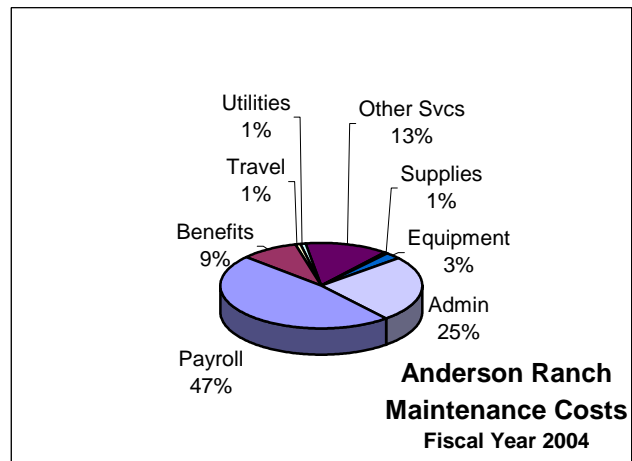
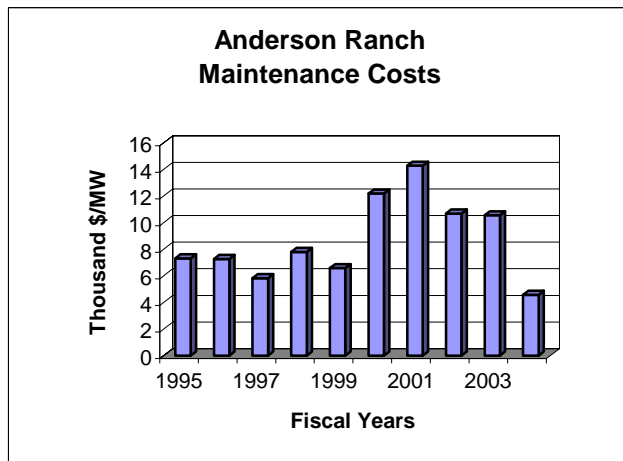
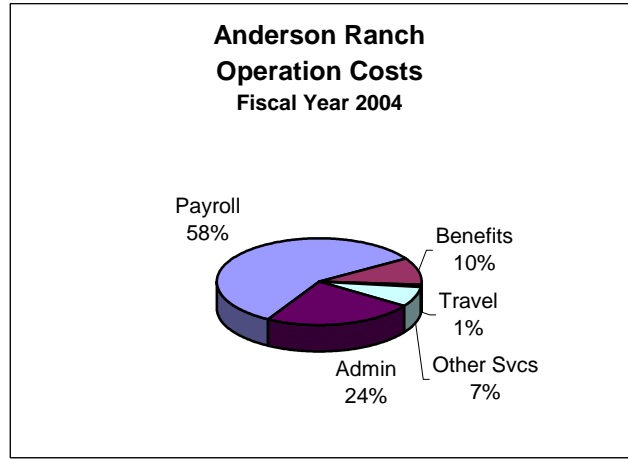
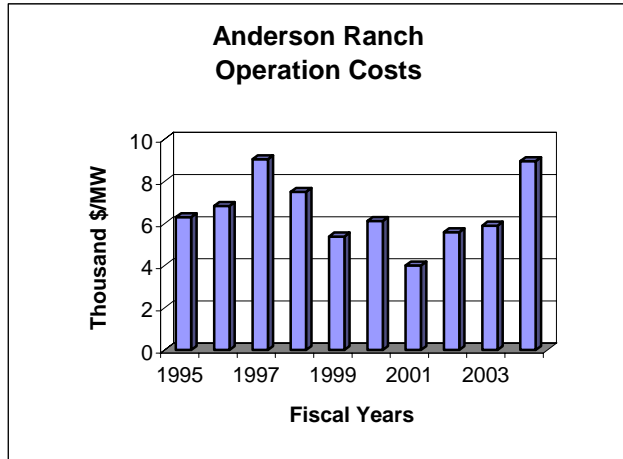
**Benchmark 1  
Wholesale Firm Rate**



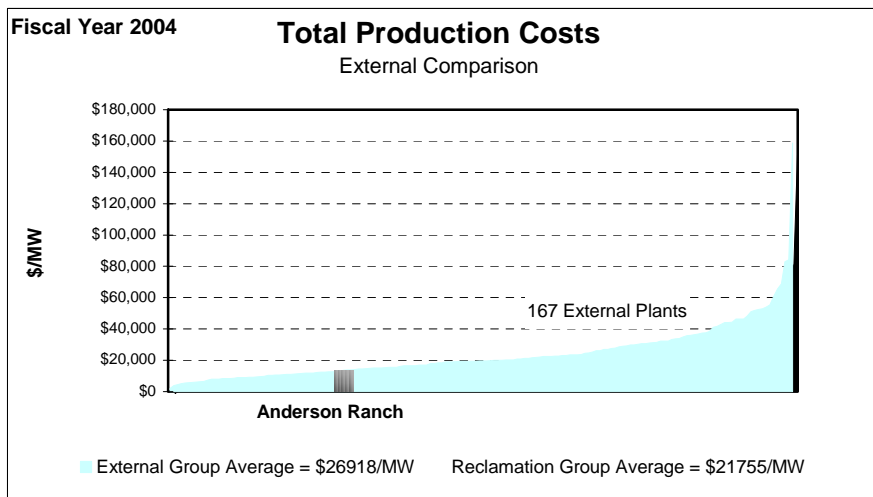
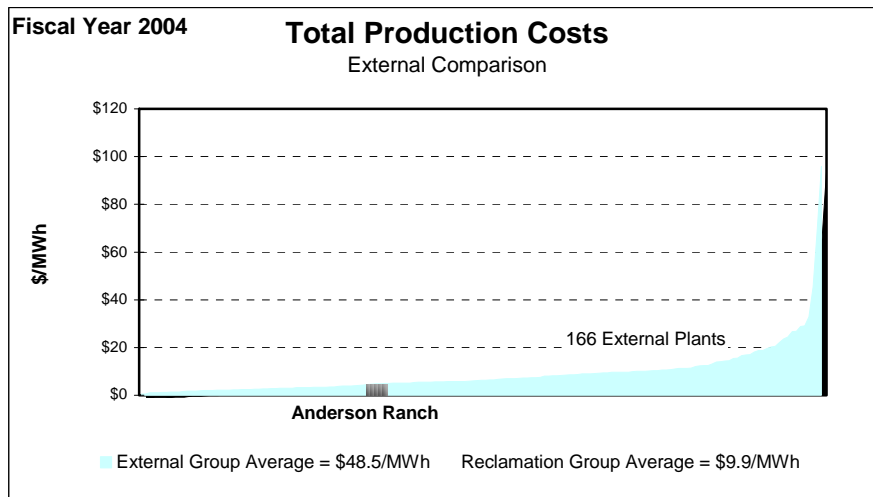
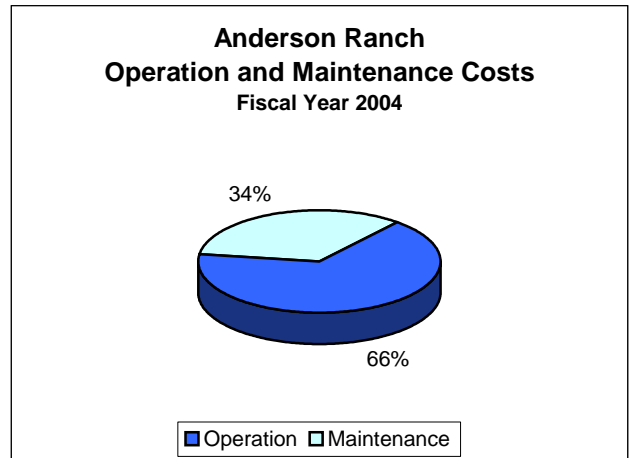
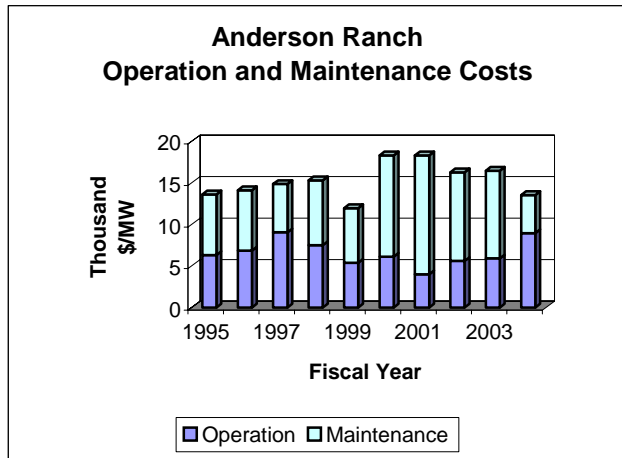
**Benchmark 2  
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**



**Benchmark 3  
Production Cost**

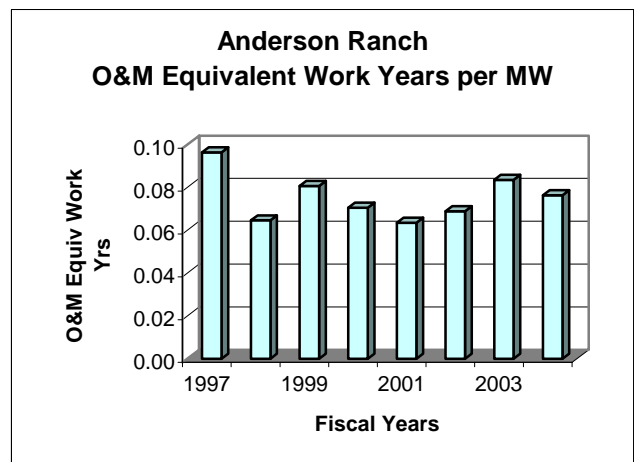
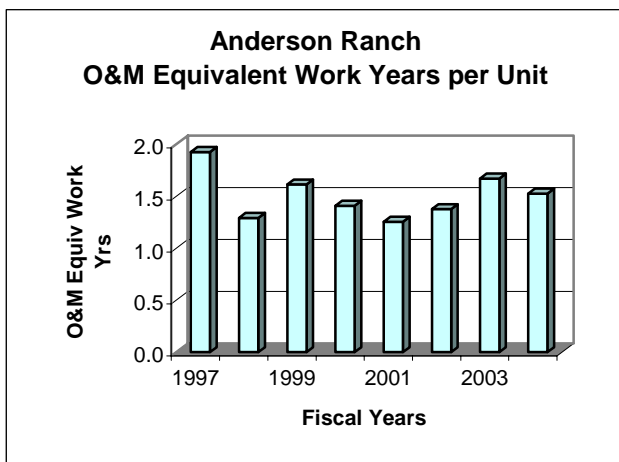
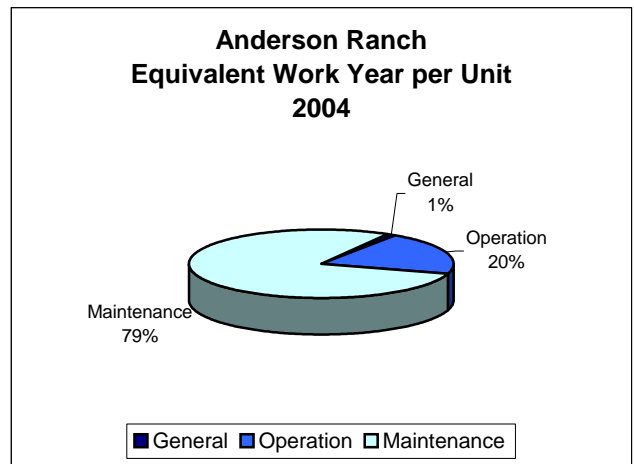
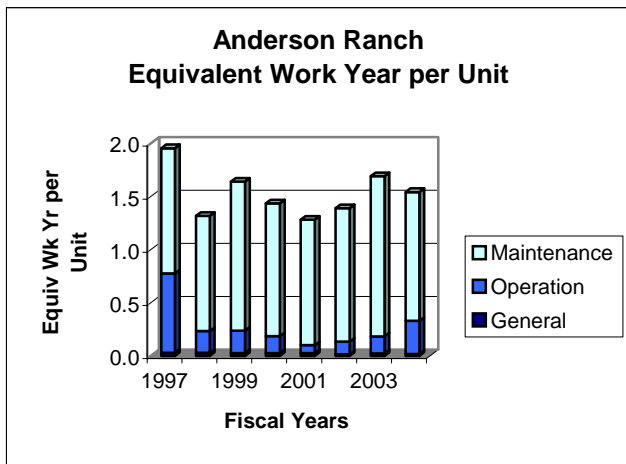


**Benchmark 3  
Production Costs**

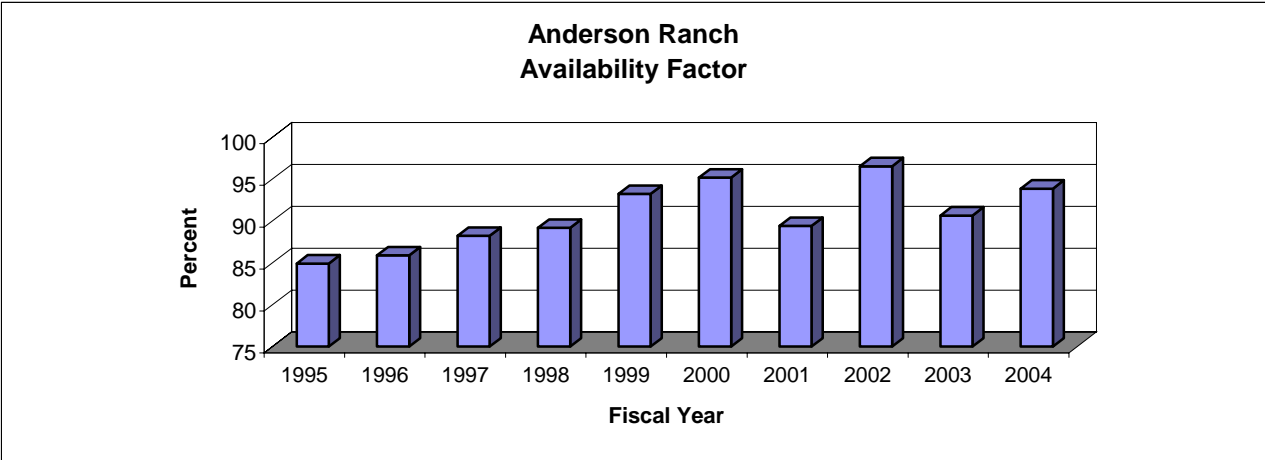


**Benchmark 4  
Workforce Deployment**

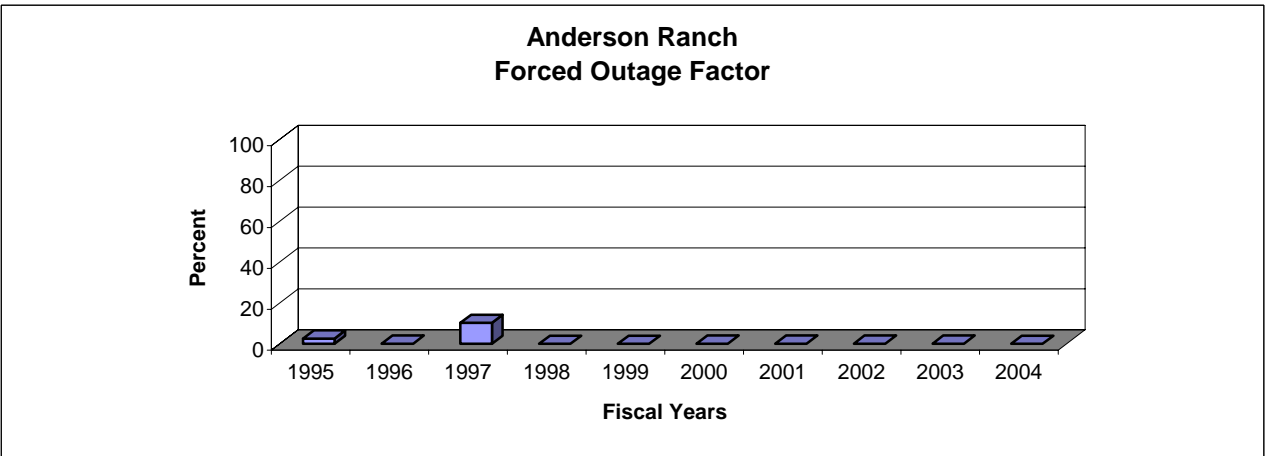
<b>Anderson Ranch 2004 Equivalent Work Year Levels</b>						
	<b>Equiv Work Year Charged to Powerplant</b>	<b>Leave Additive</b>	<b>Denver and Washington Equiv Work Year Additive</b>	<b>Total Equiv Work Year Allocated to Powerplant</b>	<b>Total Equiv Work Year per Generating Unit</b>	<b>Total Equiv Work Year per Megawatt</b>
General	0.00	0.00	0.03	0.03	0.02	0.00
Operation	0.57	0.06	0.00	0.63	0.31	0.02
Maintenance	2.19	0.23	0.00	2.42	1.21	0.06
<b>Total Staffing</b>	<b>2.76</b>	<b>0.29</b>	<b>0.03</b>	<b>3.08</b>	<b>1.54</b>	<b>0.08</b>



**Benchmark 5  
Availability Factor**

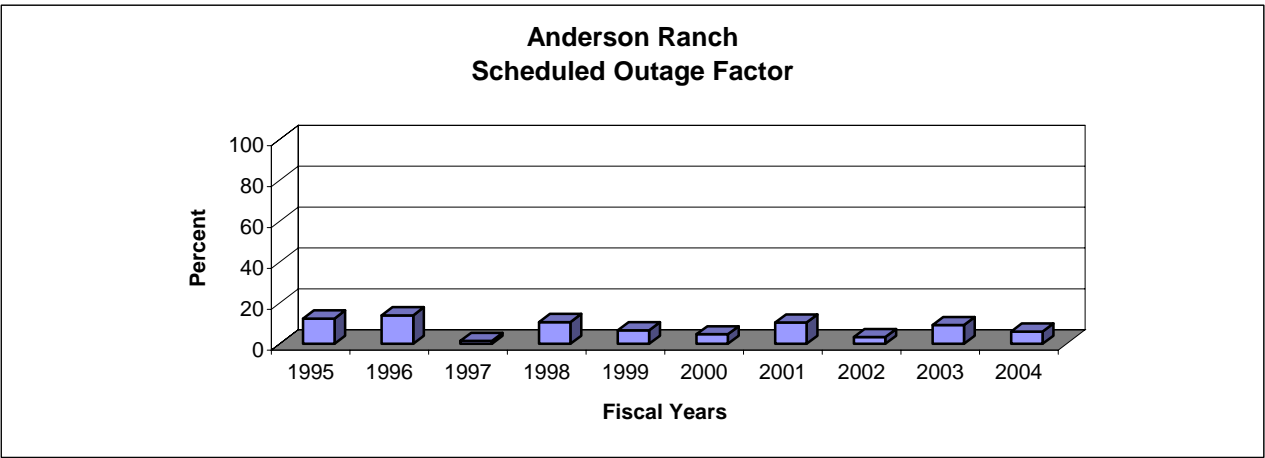


**Benchmark 6  
Forced Outage Factor**

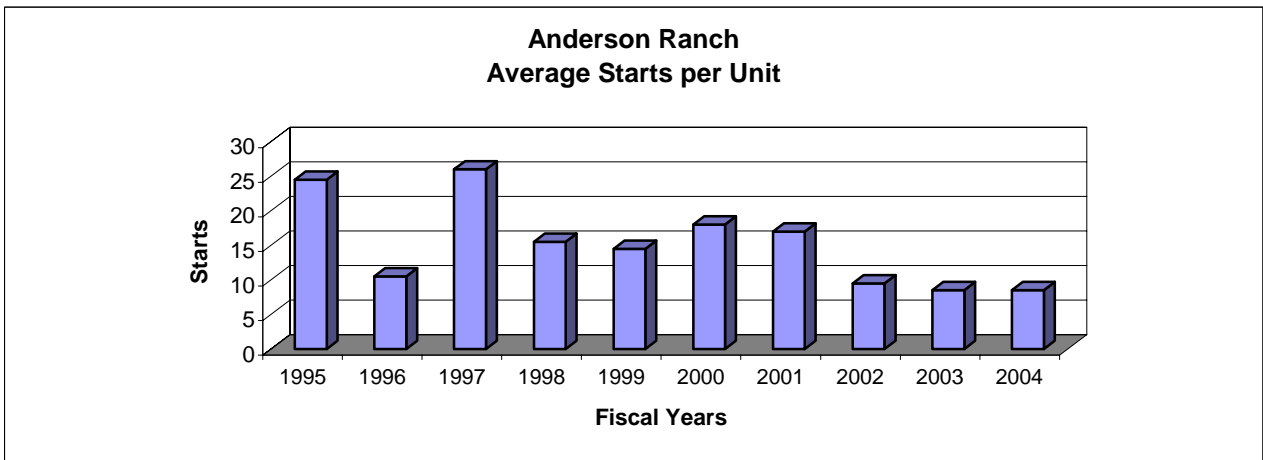


FY-97 Unit 1 out for generator cooling coil leak repair and Unit 2 out for two transformer differential trips

**Benchmark 7  
Scheduled Outage Factor**



**Number of Starts**





**Anderson Ranch Powerplant  
30-100 MW**

<b>Benchmark Data Comparison</b>					
<b>Fiscal Year 2004</b>	<b>Anderson Ranch Powerplant</b>	<b>Reclamation Average 30-100 MW Group</b>	<b>Total Reclamation Average</b>	<b>Industry Average</b>	<b>Best Performers</b>
<b>Wholesale Firm Rate Mills/kWh</b>	27.7	Not Applicable	*21.06	Not Available	Not Available
<b>Production Cost as Percentage of Wholesale Firm Rate</b>	0.02%	Not Applicable	13.5%	Not Applicable	Not Applicable
<b>O&amp;M Cost \$/MWh</b>	4.65	7.90	2.77	48.48	1.23
<b>O&amp;M Costs \$/MW</b>	13,538.17	19,931.46	7,316.97	26,917.84	2,951.22
<b>O&amp;M Equip Work Year per MW</b>	0.08	0.11	0.04	Not Available	0.00
<b>Availability Factor</b>	93.9	88.1	86.9	**89.2	100.0
<b>Forced Outage Factor</b>	0.05	0.3	0.7	**1.9	0.00
<b>Scheduled Outage Factor</b>	6.1	11.5	12.4	**8.9	0.02

\*Weighted by Net Generation

\*\*2003 NERC Average