

Glendo Powerplant Pick-Sloan Missouri Basin Program

Ancillary Services

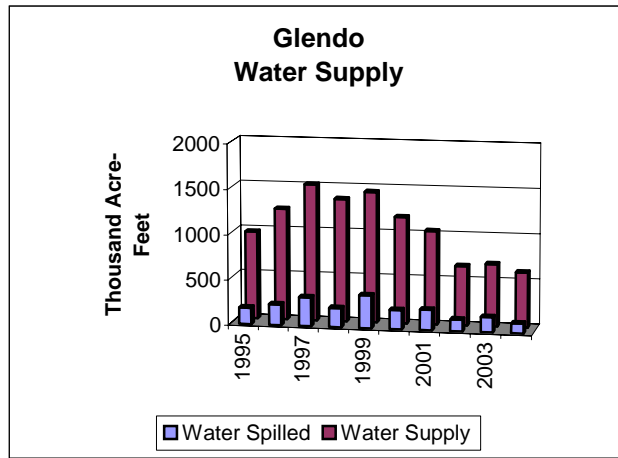
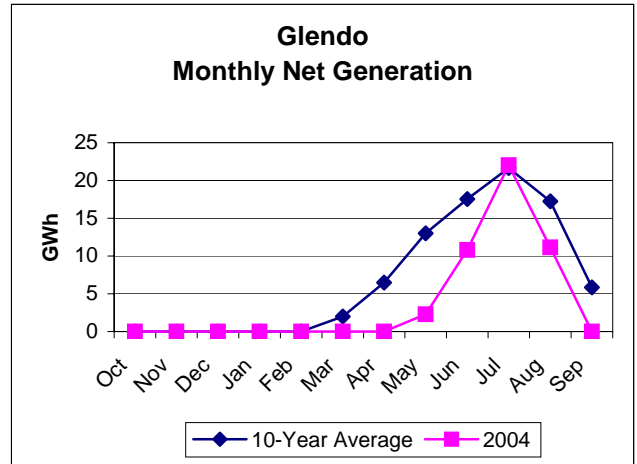
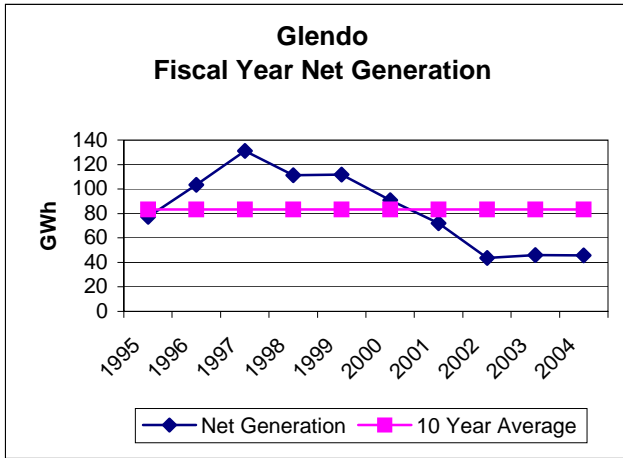
Glendo Ancillary Services	
Spinning Reserve	No
Non-Spinning Reserve	No
Replacement Reserve	Yes
Regulation/Load Following	No
Black Start	No
Voltage Support	Yes

Generators

Glendo Generators Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	12,000	7,000	19,000
2	12,000	7,000	19,000
2 Units	24,000	14,000	38,000

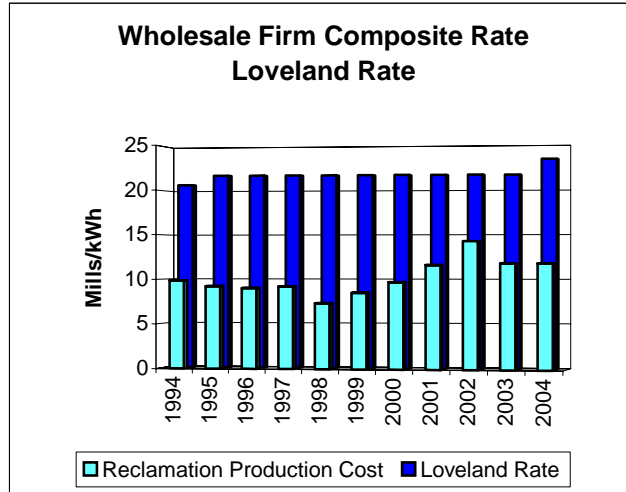
Glendo Powerplant Seasonal

Generation

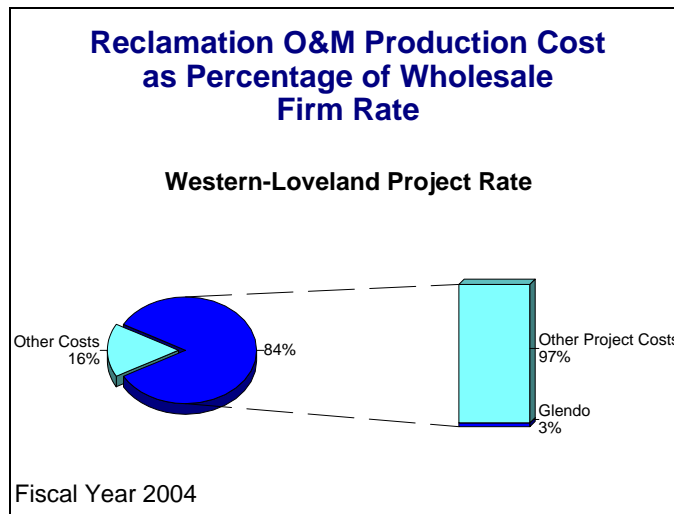


Prime Laboratory Benchmarks

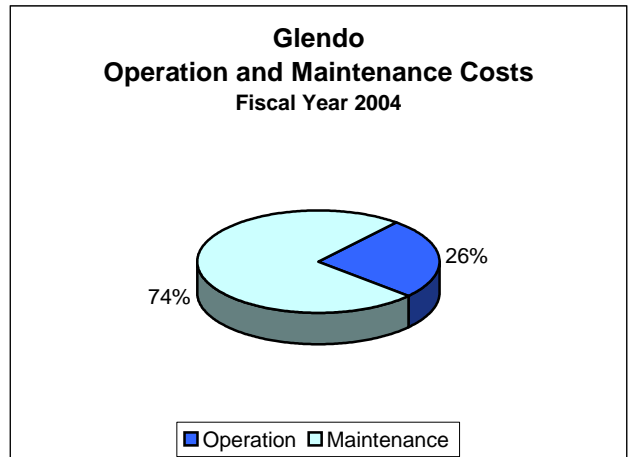
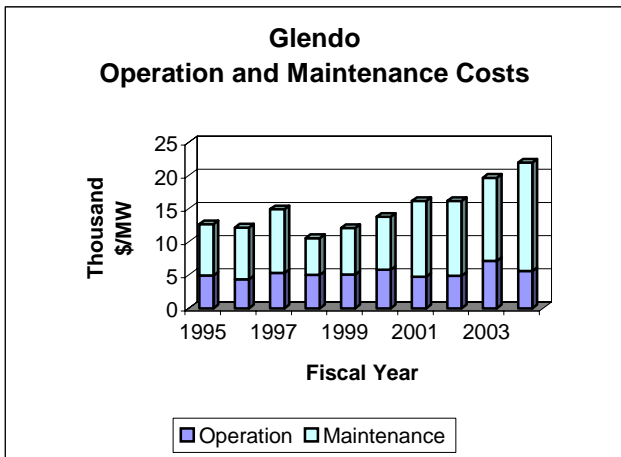
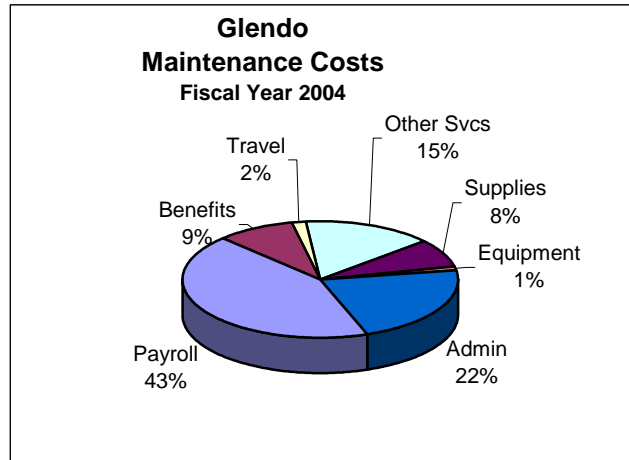
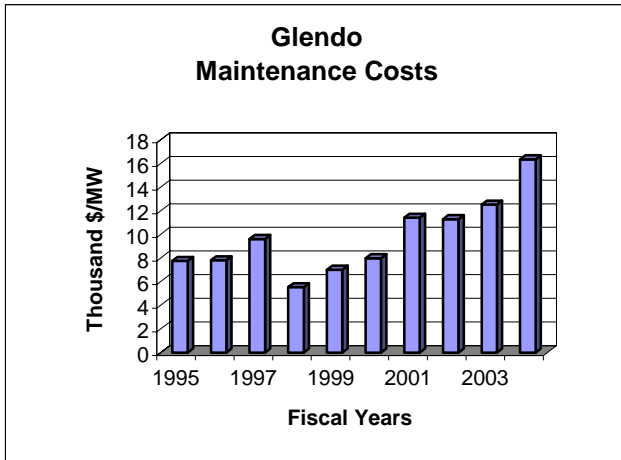
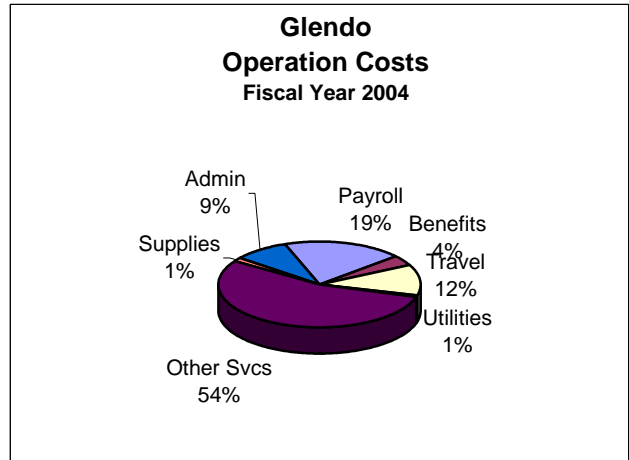
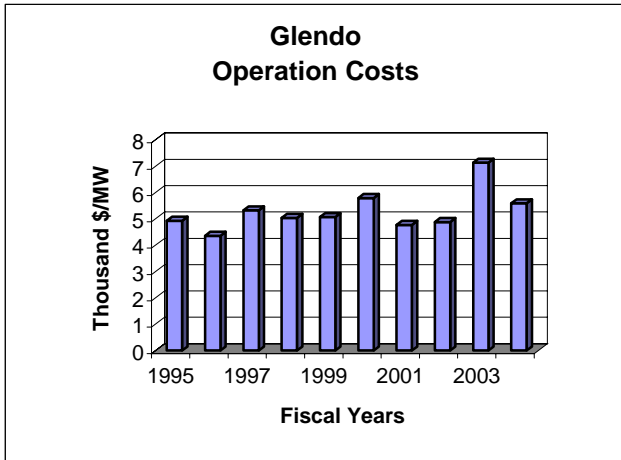
**Benchmark 1
Wholesale Firm Rate**



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

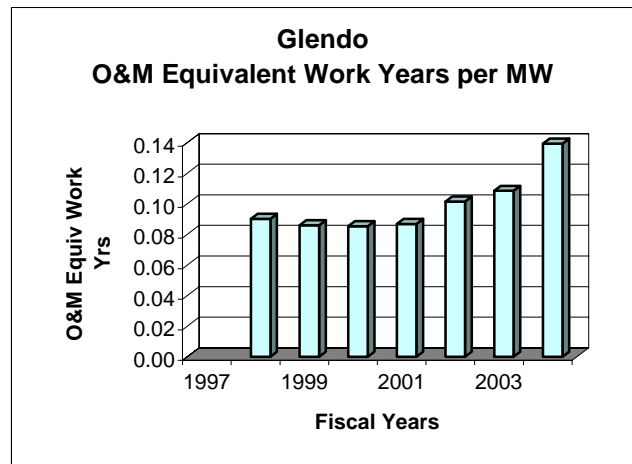
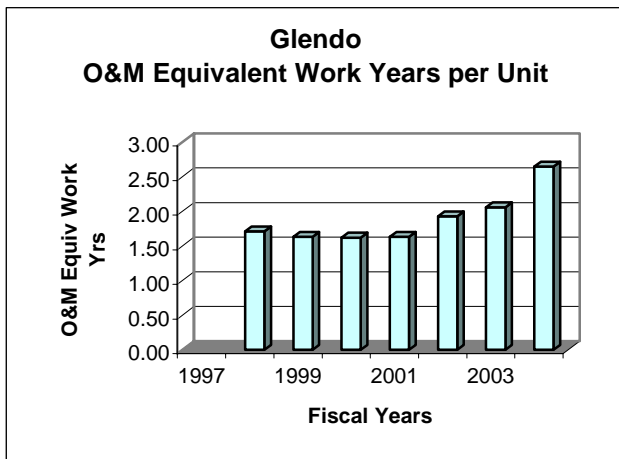
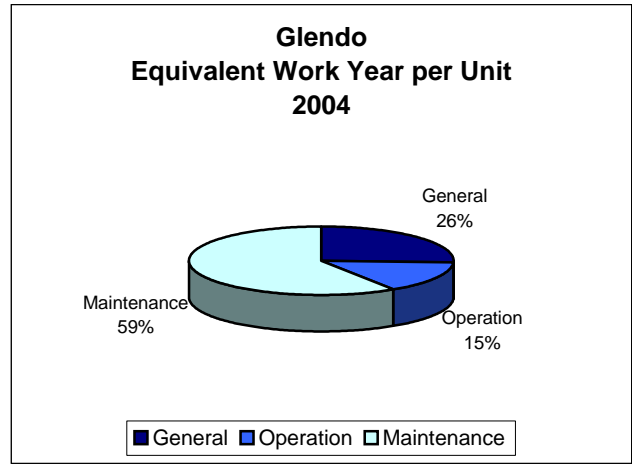
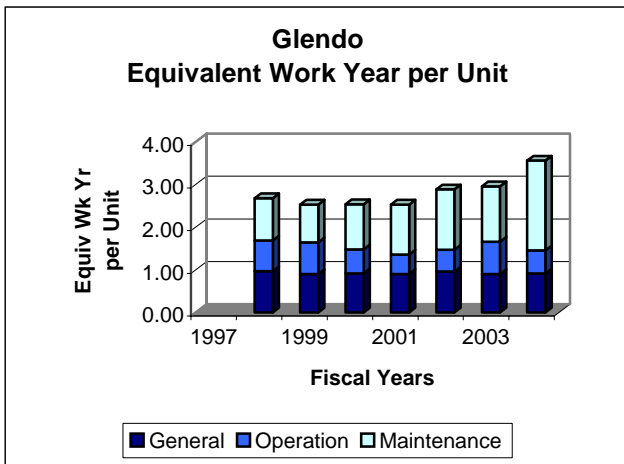


Benchmark 3
Production Cost



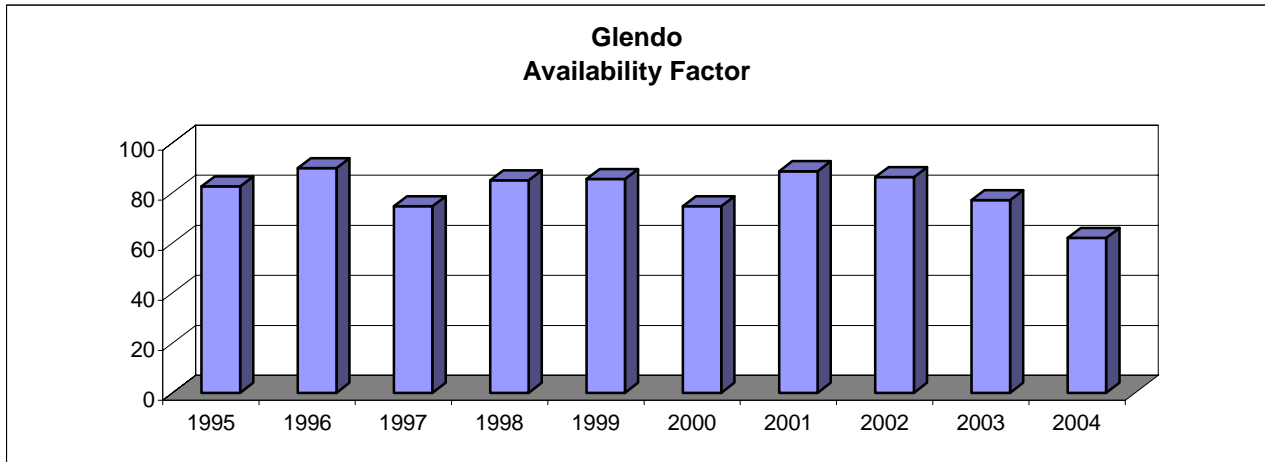
**Benchmark 4
Workforce Deployment**

Glendo 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	1.61	0.19	0.03	1.83	0.92	0.05
Operation	0.97	0.11	0.00	1.08	0.54	0.03
Maintenance	3.77	0.44	0.00	4.21	2.10	0.11
Total Staffing	6.35	0.73	0.03	7.12	3.56	0.19

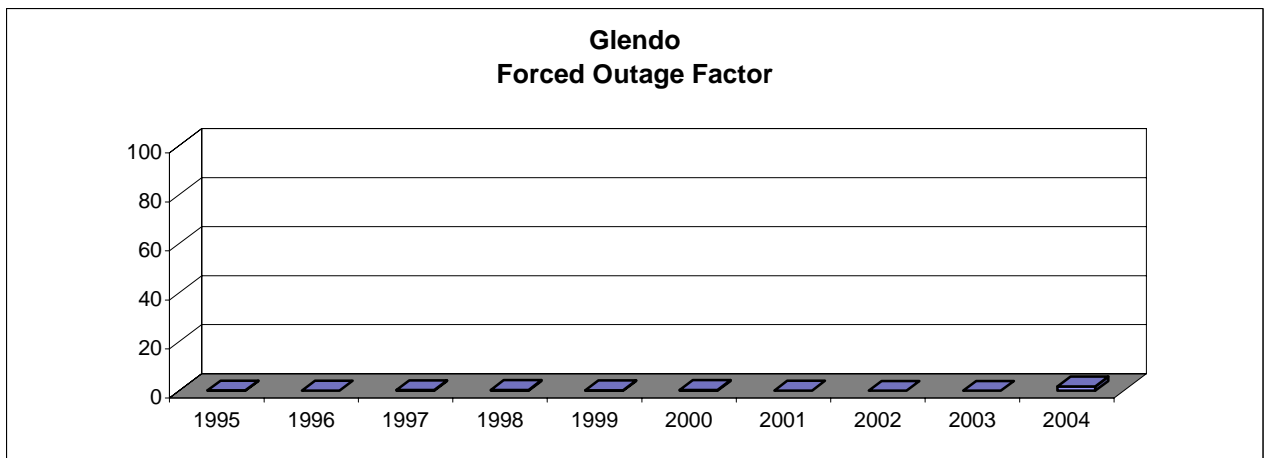


Distributive Accounts not available for FY-97

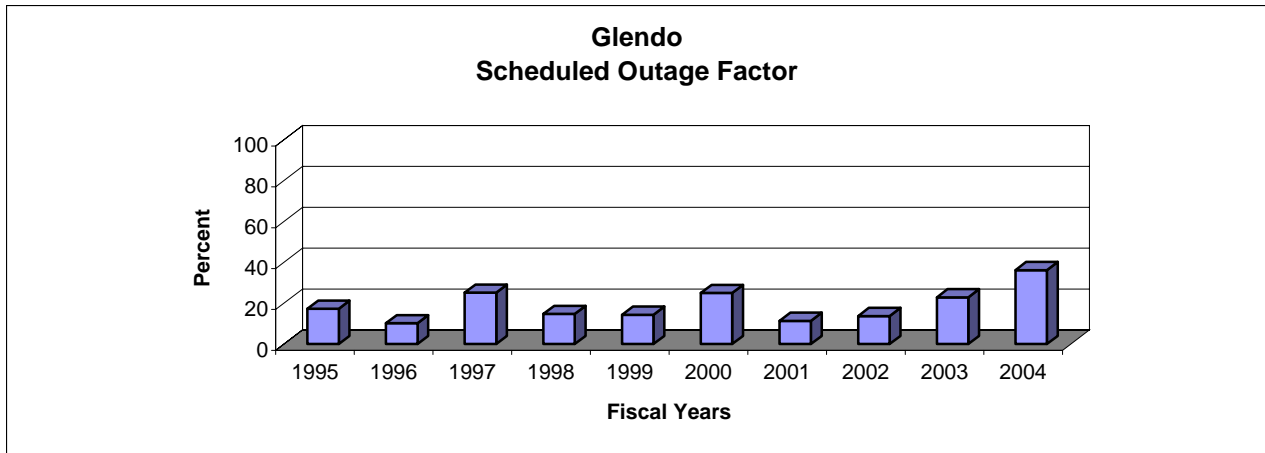
**Benchmark 5
Availability Factor**



**Benchmark 6
Forced Outage Factor**

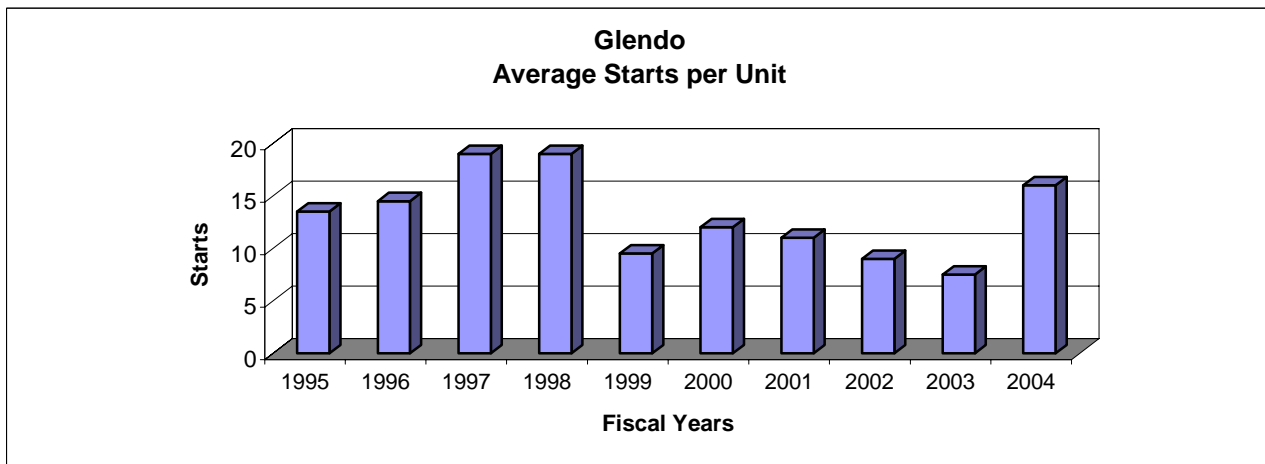


**Benchmark 7
Scheduled Outage Factor**



Extended maintenance done during winter shutdown
FY 03 – Unit 1 schedule outage extended for replacement of water service piping.

Starts



Benchmark Data Comparison				
Fiscal Year 2004	Glendo	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	21.7	*21.06	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	2.30%	13.5%	Not Applicable	Not Applicable
O&M Cost \$/MWh	18.25	2.77	Not Applicable	1.23
O&M Costs \$/MW	21,940.98	7,316.97	Not Applicable	2,951.22
O&M Equip Work Year per MW	0.14	0.04	Not Available	0.000
Availability Factor	62.0	86.9	**89.2	99.97
Forced Outage Factor	1.77	0.7	**1.9	0.00
Scheduled Outage Factor	36.2	12.4	**8.9	0.02

*Weighted by Net Generation

**2003 NERC Average

***Energy Information Administration Data