

Guernsey Powerplant
North Platte Project

Ancillary Services

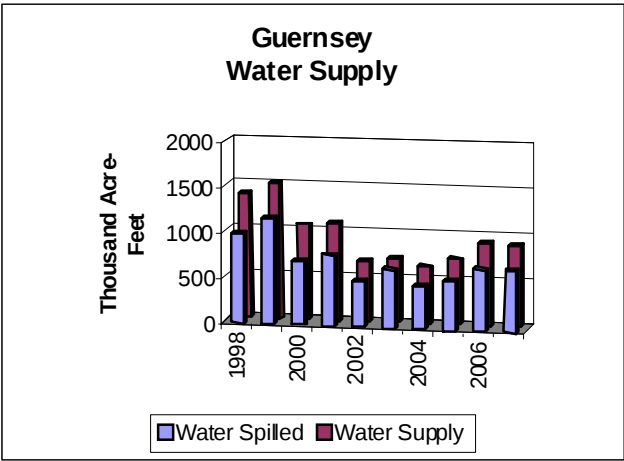
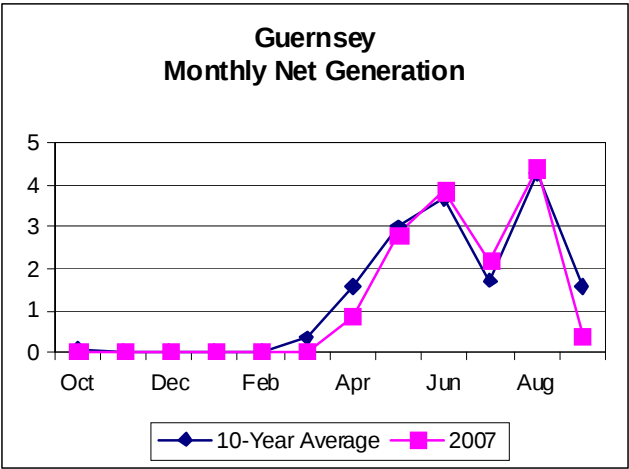
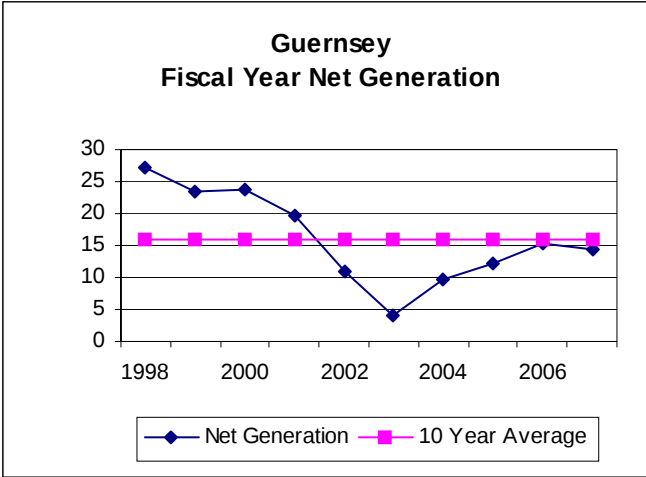
Guernsey Ancillary Services	
Spinning Reserve	No
Non-Spinning Reserve	No
Replacement Reserve	No
Regulation/Load Following	No
Black Start	No
Voltage Support	Yes

Generators

Guernsey Generators			
Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	2,400	800	3,200
2	2,400	800	3,200
2 units	4,800	1,600	6,400

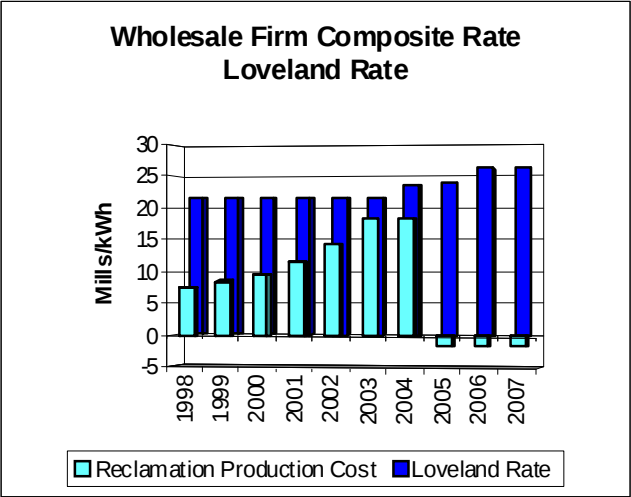
Guernsey Powerplant
Seasonal

Generation

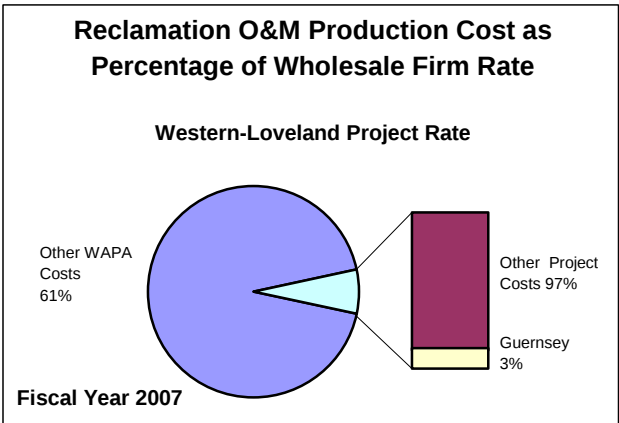


Prime Laboratory Benchmarks

Benchmark 1
Wholesale Firm Rate

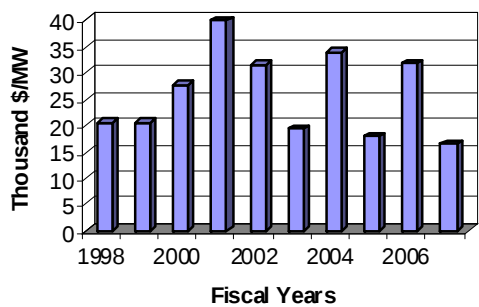


Benchmark 2
Reclamation's Production Costs as Percentage of Wholesale Firm Rate

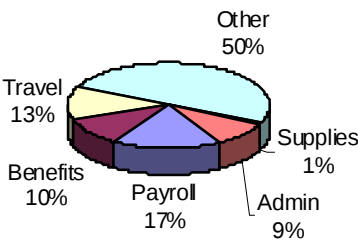


Benchmark 3
Production Costs

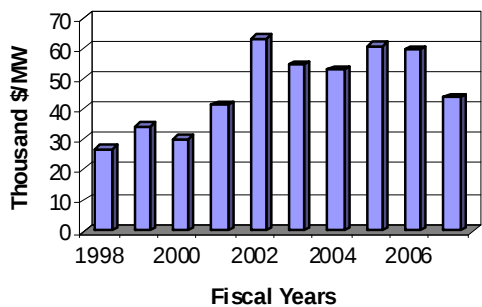
Guernsey
Operation Costs



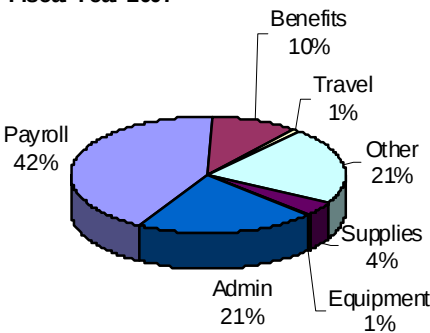
Guernsey
Operation Costs
Fiscal Year 2007



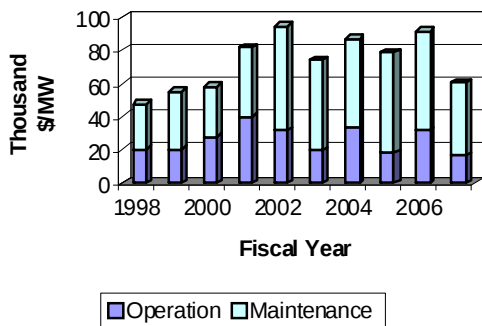
Guernsey
Maintenance Costs



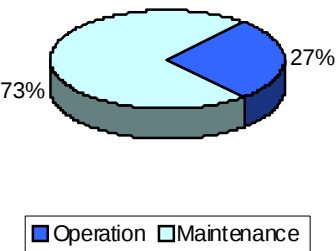
Guernsey
Maintenance Costs
Fiscal Year 2007



Guernsey
Operation and Maintenance Costs



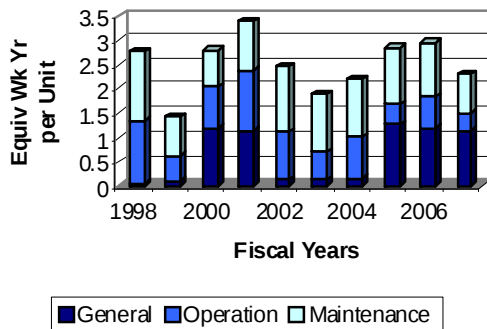
Guernsey
Operation and Maintenance Costs
Fiscal Year 2007



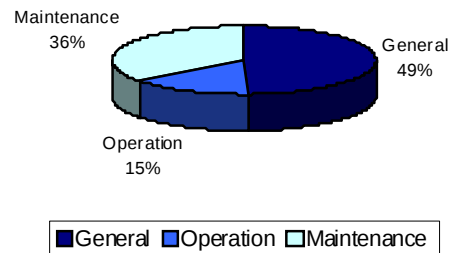
Benchmark 4
Workforce Deployment

Guernsey FY 2007 Equivalent Work Staffing Year Levels						
	Equivalent Work Year Staffing Charged to Powerplant	Leave Additive	Denver and Washington Equivalent Work Year Staffing Additive	Total Equivalent Work Year Allocated to Powerplant	Total Equivalent Staffing Work Year per Generating Unit	Total Equivalent Work Year Staffing per Megawatt
General	2.03	0.23	0.04	2.29	1.15	0.36
Operation	0.62	0.07	0.00	0.69	0.35	0.11
Maintenance	1.48	0.17	0.00	1.65	0.83	0.26
Total Staffing	4.13	0.47	0.04	4.64	2.32	0.72

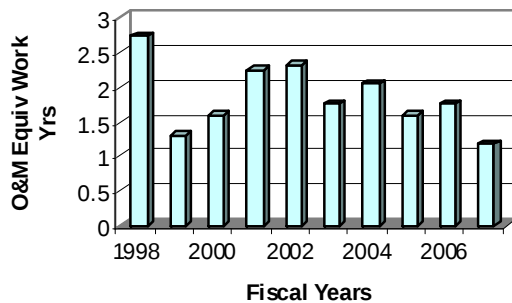
Guernsey
Equivalent Work Year per Unit



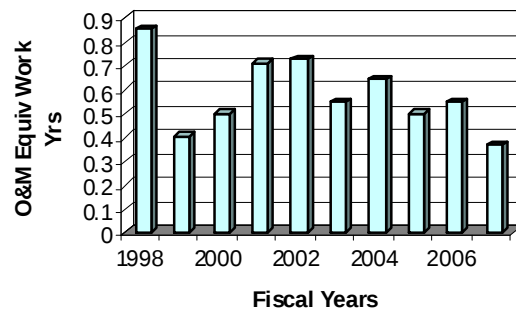
Guernsey
Equivalent Work Year per Unit
2007



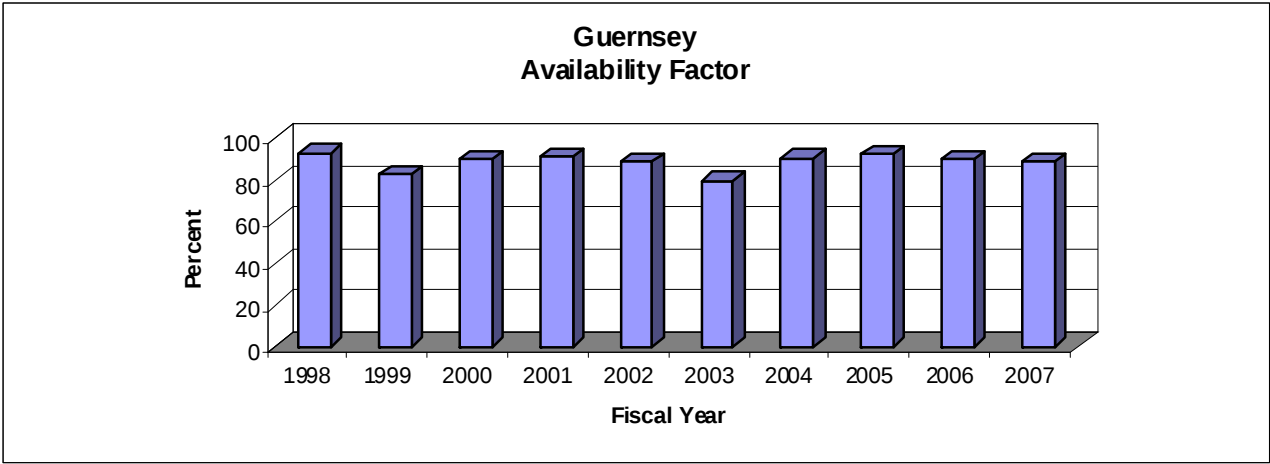
Guernsey
O&M Equivalent Work Years per Unit



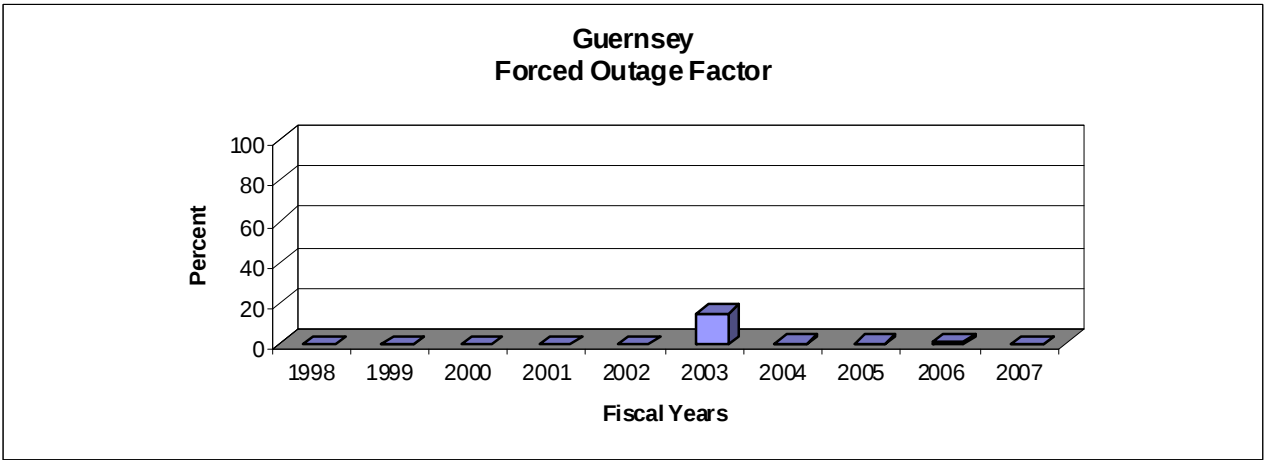
Guernsey
O&M Equivalent Work Years per MW



**Benchmark 5
Plant Availability Factor**

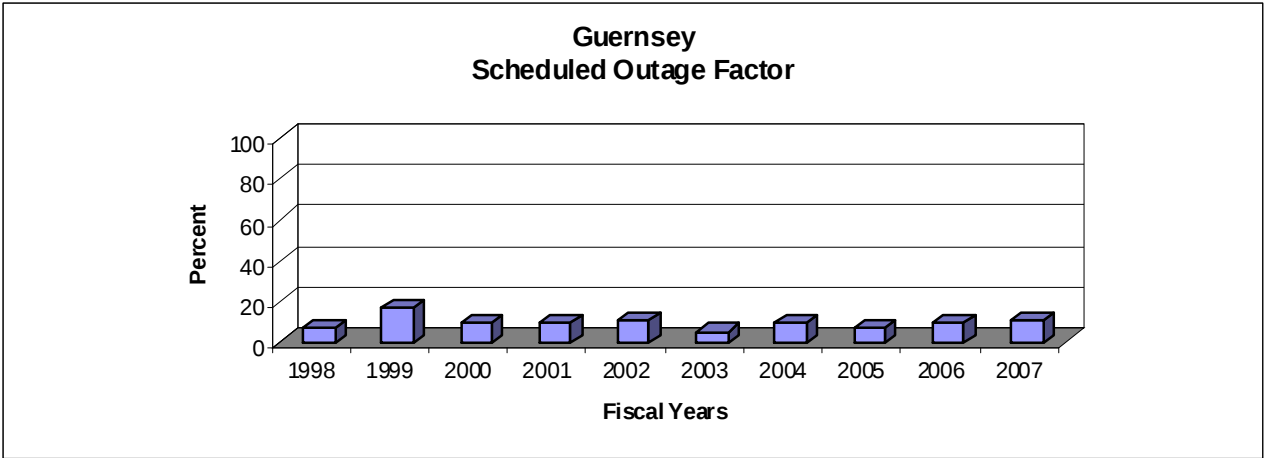


**Benchmark 6
Plant Forced Outage Factor**



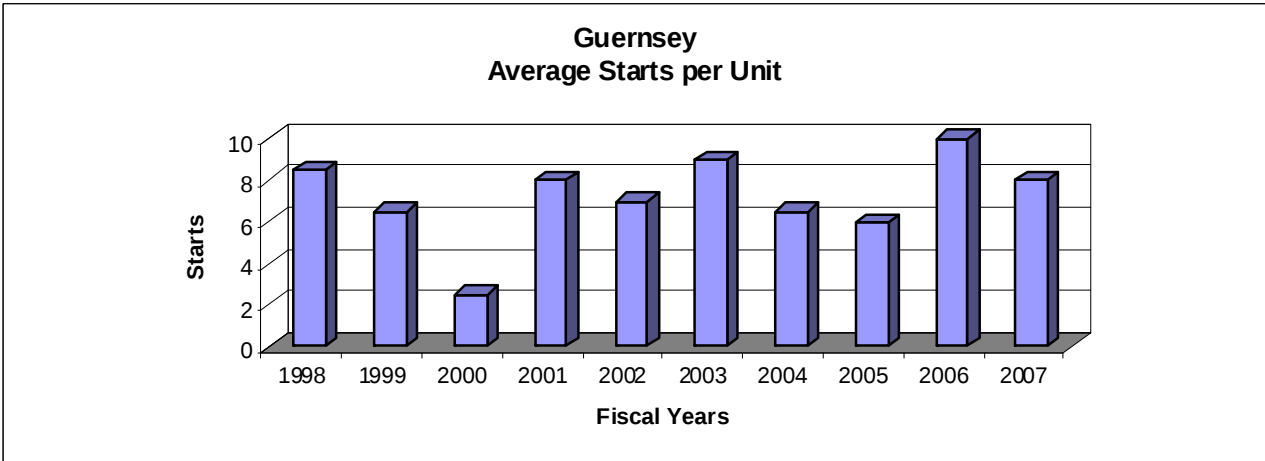
FY-2003 – Extended outage for rock fall clean up and hillside stabilization efforts above transformers and plant.

Benchmark 7
Plant Scheduled Outage Factor



FY-1999 – Units 1 and 2 water service piping rehabilitation.

Unit Starts



Benchmark Data Comparison				
Fiscal Year 2007	Guernsey Powerplant	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	23.9	*22.45	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	0.9%	12.1%	Not Applicable	Not Applicable
O&M Cost \$/MWh	26.92	2.76	Not Applicable	1.00
O&M Costs \$/MW	60,458	7,847	Not Applicable	2,897
O&M Equiv Work Year per MW	0.37	0.03	Not Available	0.0
Availability Factor	89.0	82.3	**88.64	98.5
Forced Outage Factor	0.15	2.6	**2.61	0.0
Scheduled Outage Factor	10.8	15.1	**8.74	0.0

*Weighted by Net Generation

**2006 NERC Average