

APS Running Statistics; FY98 to Present

Fiscal Year	Scheduled User Hours	User Beam Available hours	User beam Availability (%)	Total Faults	Mean Time to Recovery	Faults Per Day of Delivered Beam	Delivered Integrated Current (A hr)	Hours of Top-up Scheduled	Top-up Injector Availability	MTBF
1998	4465.9	4163.2	93.22%	124	2.4	0.71	321.2	0.0	N/A	33.6
1999	5053.4	4767.7	94.35%	176	1.6	0.89	380.7	0.0	N/A	27.1
2000	5047.2	4723.8	93.59%	160	2.0	0.81	390.2	0.0	N/A	29.5
2001	5000.3	4788.7	95.77%	188	1.1	0.94	409.8	1032.0	96.1%	25.5
2002	4999.0	4855.4	97.13%	147	1.0	0.73	469.1	3680.0	94.9%	33.0
2003	4912.0	4772.5	97.16%	107	1.3	0.54	467.6	3592.0	97.6%	44.6
2004	5225.0	5112.5	97.85%	89	1.3	0.42	509.9	3865.6	97.9%	57.4
2005	5001.5	4931.0	98.59%	49	1.4	0.24	433.7	3976.5	98.5%	100.6
2006	5000.0	4875.5	97.51%	57	2.2	0.28	488.9	3928.0	97.3%	85.5
2007	4832.0	4750.8	98.32%	49	1.7	0.25	476.2	3816.0	98.4%	97.0
2008	4588.1	4478.8	97.62%	49	2.2	0.26	449.4	3584.0	96.6%	91.4
2009	5000.0	4883.4	97.67%	63	1.9	0.31	490.0	3736.0	97.9%	77.5
2010	5000.0	4924.8	98.50%	49	1.5	0.24	494	4040	98.8%	100.5
2011	5000.0	4906.1	98.12%	56	1.7	0.27	490	3832	97.8%	87.6
Total	64124.5	62028.1	96.73%	1307	1.6	0.51	5780.3	35250.1	97.2%	47.5