Listing of Statistics for Run1-2014 (Created Fri Apr 25 10:05:12 CDT 2014)

User periods in this interval

01/28/2014 08:00 To 02/04/2014 08:00 168.00 Hours, Delivered Beam: 165.58 Hours, 4 Fault(s), 41.40 MTBF, 98.56% of Sched. Time
02/05/2014 08:00 To 02/11/2014 08:00 144.00 Hours, Delivered Beam: 144.00 Hours, 0 Fault(s),144.00 MTBF,100.00% of Sched. Time
02/12/2014 08:00 To 02/18/2014 08:00 144.00 Hours, Delivered Beam: 136.58 Hours, 2 Fault(s), 68.29 MTBF, 94.85% of Sched. Time
02/19/2014 08:00 To 02/24/2014 08:00 120.00 Hours, Delivered Beam: 117.92 Hours, 1 Fault(s),117.92 MTBF, 98.26% of Sched. Time
02/26/2014 08:00 To 03/04/2014 08:00 144.00 Hours, Delivered Beam: 139.55 Hours, 3 Fault(s), 46.52 MTBF, 96.91% of Sched. Time
03/05/2014 08:00 To 03/11/2014 08:00 143.00 Hours, Delivered Beam: 143.00 Hours, 0 Fault(s),143.00 MTBF,100.00% of Sched. Time
03/12/2014 08:00 To 03/18/2014 08:00 144.00 Hours, Delivered Beam: 144.00 Hours, 0 Fault(s),144.00 MTBF,100.00% of Sched. Time
03/19/2014 08:00 To 03/24/2014 08:00 120.00 Hours, Delivered Beam: 120.00 Hours, 0 Fault(s),120.00 MTBF,100.00% of Sched. Time
03/26/2014 08:00 To 04/01/2014 08:00 144.00 Hours, Delivered Beam: 144.00 Hours, 0 Fault(s),144.00 MTBF,100.00% of Sched. Time
04/02/2014 08:00 To 04/08/2014 08:00 144.00 Hours, Delivered Beam: 143.99 Hours, 0 Fault(s),143.99 MTBF,100.00% of Sched. Time
04/09/2014 08:00 To 04/15/2014 08:00 144.00 Hours, Delivered Beam: 138.01 Hours, 1 Fault(s),138.01 MTBF, 95.84% of Sched. Time
04/16/2014 08:00 To 04/21/2014 08:00 120.00 Hours, Delivered Beam: 120.00 Hours, 0 Fault(s),120.00 MTBF,100.00% of Sched. Time

Total Amount of User Time in this interval	**1678.95 Hours**	Delivered Beam	1656.61 Hours
Percentage of Scheduled Time (*)	**98.67 %**		
Mean Time Between Faults (MTBF)	**150.60 Hours**		
Downtime During Period	22.34 Hours		
Total integrated Current During This Period	164.29 A-hr		
Mean Fill Duration in Period	138.05 Hours		
Faults per Day of Delivered Beam	0.16		
Total Number of Faults	11		

Valid fills Beginning in this Time Interval

Fill #	Start		End	Duration (min: 1.0)	Reason for Fill Termination	Length of Downtime	Downtime is associated with the end of a fill. The first fill of a period will have any downtime before the fill on the line above.
						0.00	
# 1	01/28 08:00	To	01/28 18:21	10.36	Human error[DIAG]	0.66	Investigation, scanned bpms, refilled
# 2	01/28 19:01	To	01/29 10:44	15.71	MPS VV fault [MOM]	0.50	Cycled valve & cleared fault, refilled
# 3	01/29 11:14	To	01/29 18:56	7.70	Under Investigation	0.43	Investigation refill
# 4	01/29 19:22	To	01/30 11:49	16.45	13-ID PSS trip[OTH]	0.81	Took off-line, conditioned & reset, refilled
# 5	01/30 12:38	To	02/04 07:59	115.36	Int Dump: End of Period	0.00	
						0.00	
# 6	02/05 08:00	To	02/11 08:00	144.00	Int Dump: End of Period	0.00	
						0.01	
# 7	02/12 08:00	To	02/12 22:49	14.82	S3A:S2 failure [PS]	1.83	Swapped supply, conditioned & refilled
# 8	02/13 00:39	To	02/13 13:49	13.18	S5A:V3 glitches [PS]	5.59	2 more dumps, investigation, punch down, refill
# 11	02/13 19:24	To	02/18 07:59	108.58	Int Dump: End of Period	0.00	
						1.50	P1 BPM offset change, pending BPLD[Diag]
# 12	02/19 09:29	To	02/20 21:20	35.84	RF4 coll. intlk [RF]	0.59	Investigation, reset system, refilled
# 13	02/20 21:55	To	02/24 07:59	82.07	Int Dump: End of Period	0.00	
						1.55	Spurious Rad Mon. Trip, investigation [HP]

# 15	02/26 09:33	To	02/26 11:15	1.70	RF3 crowbar [RF]	0.61	Investigation, reset tripped systems, refill
# 16	02/26 11:52	To	02/26 15:41	3.82	RF3 crowbar trip[RF]	1.09	Waveguide switch, recover systems, refill
# 17	02/26 16:47	To	02/27 02:38	9.86	S33A:Q3 P.S. trip[PS]	1.19	Swapped supply, conditioned, refilled
# 18	02/27 03:49	To	03/04 07:59	124.17	Int Dump: End of Period	0.00	
						0.00	
# 19	03/05 08:00	To	03/11 07:59	143.00	Int Dump: End of Period	0.00	
						0.00	
# 20	03/12 08:00	To	03/18 07:59	144.00	Int Dump: End of Period	0.00	
						0.00	
# 21	03/19 08:00	To	03/24 07:59	120.00	Int Dump: End of Period	0.00	
						0.00	
# 22	03/26 08:00	To	04/01 07:59	144.00	Int Dump: End of Period	0.00	
						0.01	
# 23	04/02 08:00	To	04/08 07:59	143.99	Int Dump: End of Period	0.00	
						0.01	
# 24	04/09 08:00	To	04/14 03:10	115.17	Bldg450 brkr trip[FMS]	5.98	Bldg. 450 repair, recovered systems
# 25	04/14 09:09	To	04/15 07:59	22.85	Int Dump: End of Period	0.00	
						0.00	
# 26	04/16 08:00	To	04/21 07:59	120.00	Int Dump: End of Period	0.00	

Top-Up Mode Statistics

Target Current Range +/- 2.0, Minimum Injector Downtime = 8.0 minutes

Total

Current in Range during Scheduled Topup Time	96.78 %
Current in Range during Delivered Beam Time	98.48 %
Injector Availability	98.40 %

Period Beginning 01/28/2014 08:00

Current in Range	98.13 %
Injector Availability	97.96 %

Out of Range at:	01/28/2014 09:53:52	to	01/28/2014 11:40:16 :	106.40 minutes
Injector downtime:	01/28/2014 09:48:56	to	01/28/2014 11:39:44 :	110.80 minutes
Out of Range at:	01/28/2014 15:14:08	to	01/28/2014 15:32:00 :	17.87 minutes
Injector downtime:	01/28/2014 15:09:12	to	01/28/2014 15:31:56 :	22.73 minutes
Out of Range at:	01/28/2014 19:01:44	to	01/28/2014 19:22:24 :	20.67 minutes
Injector downtime:	01/28/2014 18:56:48	to	01/28/2014 19:22:20 :	25.53 minutes
Out of Range at:	01/30/2014 10:30:00	to	01/30/2014 11:11:20 :	41.33 minutes
Injector downtime:	01/30/2014 10:25:04	to	01/30/2014 11:09:04 :	44.00 minutes

Period Beginning 02/05/2014 08:00

Current in Range				99.41 %
Injector Availability				99.33 %
Out of Range at:	02/07/2014 14:47:44	to	02/07/2014 15:05:44 :	18.00 minutes
Injector downtime:	02/07/2014 14:43:32	to	02/07/2014 15:03:28 :	19.93 minutes
Out of Range at:	02/10/2014 16:41:04	to	02/10/2014 17:13:44 :	32.67 minutes
Injector downtime:	02/10/2014 16:36:08	to	02/10/2014 17:13:40 :	37.53 minutes

Period Beginning 02/12/2014 08:00

Current in Range				100.00 %
Injector Availability				100.00 %

Period Beginning 02/19/2014 08:00

Current in Range				98.58 %
Injector Availability				98.47 %
Out of Range at:	02/19/2014 22:18:40	to	02/19/2014 23:27:20 :	68.67 minutes
Injector downtime:	02/19/2014 22:13:44	to	02/19/2014 23:27:16 :	73.53 minutes
Out of Range at:	02/20/2014 14:26:24	to	02/20/2014 14:58:32 :	32.13 minutes
Injector downtime:	02/20/2014 14:21:28	to	02/20/2014 14:56:16 :	34.80 minutes

Period Beginning 02/26/2014 08:00

Current in Range				99.93 %
Injector Availability				99.90 %
Out of Range at:	03/02/2014 12:34:56	to	03/02/2014 12:40:48 :	5.87 minutes
Injector downtime:	03/02/2014 12:26:56	to	03/02/2014 12:34:56 :	~ 8.00 minutes

Period Beginning 03/05/2014 08:00

Current in Range				94.07 %
Injector Availability				93.84 %
Out of Range at:	03/05/2014 16:44:48	to	03/05/2014 17:08:16 :	23.47 minutes
Injector downtime:	03/05/2014 16:39:52	to	03/05/2014 17:07:04 :	27.20 minutes
Out of Range at:	03/05/2014 23:31:28	to	03/06/2014 01:15:36 :	104.13 minutes
Injector downtime:	03/05/2014 23:26:32	to	03/06/2014 01:15:32 :	109.00 minutes
Out of Range at:	03/06/2014 04:46:16	to	03/06/2014 07:11:36 :	145.33 minutes
Injector downtime:	03/06/2014 04:41:20	to	03/06/2014 07:10:56 :	149.60 minutes
Out of Range at:	03/07/2014 13:05:04	to	03/07/2014 16:50:32 :	225.47 minutes
Injector downtime:	03/07/2014 13:00:08	to	03/07/2014 16:50:00 :	229.87 minutes
Out of Range at:	03/10/2014 00:32:08	to	03/10/2014 00:42:32 :	10.40 minutes
Injector downtime:	03/10/2014 00:27:12	to	03/10/2014 00:40:16 :	13.07 minutes

Period Beginning 03/26/2014 08:00

Current in Range				100.00 %
Injector Availability				100.00 %

Period Beginning 04/02/2014 08:00

Current in Range			97.62 %	
Injector Availability			97.54 %	
Out of Range at:	04/02/2014 08:00:24	to	04/02/2014 09:30:16 :	89.87 minutes
Injector downtime:	04/02/2014 07:55:28	to	04/02/2014 09:29:44 :	94.27 minutes
Out of Range at:	04/03/2014 19:52:16	to	04/03/2014 21:48:08 :	115.87 minutes
Injector downtime:	04/03/2014 19:47:20	to	04/03/2014 21:45:52 :	118.53 minutes

Period Beginning 04/09/2014 08:00

Current in Range			98.79 %	
Injector Availability			98.72 %	
Out of Range at:	04/09/2014 08:05:20	to	04/09/2014 08:32:56 :	27.60 minutes
Injector downtime:	04/09/2014 08:00:24	to	04/09/2014 08:30:40 :	30.27 minutes
Out of Range at:	04/09/2014 12:29:52	to	04/09/2014 13:42:40 :	72.80 minutes
Injector downtime:	04/09/2014 12:24:56	to	04/09/2014 13:40:16 :	75.33 minutes

The information on this page is automatically generated and may contain errors.
An official operations statistics page will be posted at the end of each user period.