

Listing of Statistics for Run2-2017 (Created Wed Sep 13 13:05:18 CDT 2017)

User periods in this interval

05/31/2017 08:01 To 06/05/2017 08:01 120.00 Hours, Delivered Beam: 95.52 Hours, 0 Fault(s), 95.52 MTBF, 79.60% of Sched. Time
 06/06/2017 08:01 To 06/12/2017 08:01 144.00 Hours, Delivered Beam: 143.98 Hours, 0 Fault(s), 143.98 MTBF, 99.99% of Sched. Time
 06/13/2017 08:00 To 06/19/2017 08:00 144.00 Hours, Delivered Beam: 143.48 Hours, 1 Fault(s), 143.48 MTBF, 99.64% of Sched. Time
 06/20/2017 08:01 To 06/26/2017 08:01 144.00 Hours, Delivered Beam: 141.91 Hours, 1 Fault(s), 141.91 MTBF, 98.55% of Sched. Time
 06/28/2017 08:00 To 07/04/2017 08:01 144.02 Hours, Delivered Beam: 141.50 Hours, 1 Fault(s), 141.50 MTBF, 98.25% of Sched. Time
 07/05/2017 08:01 To 07/10/2017 08:00 119.98 Hours, Delivered Beam: 117.38 Hours, 1 Fault(s), 117.38 MTBF, 97.83% of Sched. Time
 07/11/2017 08:01 To 07/17/2017 08:01 144.00 Hours, Delivered Beam: 142.68 Hours, 2 Fault(s), 71.34 MTBF, 99.08% of Sched. Time
 07/18/2017 08:00 To 07/24/2017 08:01 144.02 Hours, Delivered Beam: 143.37 Hours, 1 Fault(s), 143.37 MTBF, 99.55% of Sched. Time
 07/25/2017 08:01 To 07/31/2017 08:00 143.98 Hours, Delivered Beam: 68.98 Hours, 3 Fault(s), 22.99 MTBF, 47.90% of Sched. Time
 08/01/2017 08:00 To 08/07/2017 08:00 144.00 Hours, Delivered Beam: 144.00 Hours, 0 Fault(s), 144.00 MTBF, 100.00% of Sched. Time
 08/08/2017 08:00 To 08/14/2017 08:01 144.02 Hours, Delivered Beam: 144.00 Hours, 0 Fault(s), 144.00 MTBF, 99.99% of Sched. Time
 08/15/2017 08:00 To 08/24/2017 00:01 208.02 Hours, Delivered Beam: 208.00 Hours, 0 Fault(s), 208.00 MTBF, 99.99% of Sched. Time

Total Amount of User Time in this interval **1743.98 Hours** Delivered Beam 1634.77 Hours
Percentage of Scheduled Time (*) **93.74 %**
Mean Time Between Faults (MTBF) **163.48 Hours**
 Downtime During Period 109.21 Hours
 Total integrated Current During This Period 162.75 A-hr
 Mean Fill Duration in Period 148.62 Hours
 Faults per Day of Delivered Beam 0.15
 Total Number of Faults 10

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.
# 1	06/01 08:29	To 06/05 08:00	95.52	Int Dump: End of Period	24.47 0.02	Vac leak, 18.6h-MOM, 5.62-OTH; L2 trip rec, 0.48h-AOP
# 2	06/06 08:01	To 06/12 07:59	143.98	Int Dump: End of Period	0.00 0.02	
# 3	06/13 08:00	To 06/13 20:14	12.24	ComEd Volt. Sag (OTH)	0.00 0.52	
# 4	06/13 20:45	To 06/19 07:59	131.23	Int Dump: End of Period	0.00	
# 5	06/20 08:01	To 06/22 18:57	58.94	S8A:Q4 P.S. fault[PS]	0.00 2.07	2 p.s. swapped, conditioned, refilled

# 6	06/22 21:01	To	06/26 08:00	82.97	Int Dump: End of Period	0.02	
						0.00	
# 7	06/28 08:00	To	07/01 17:53	81.89	RF4 klystron Mag flt[RF]	2.50	Investigation, waveguide switch, refill
# 8	07/01 20:23	To	07/04 08:00	59.60	Int Dump: End of Period	0.02	
						0.25	SR RF tuner card replacement [RF]
# 9	07/05 08:15	To	07/06 04:57	20.69	S38 RF Cav3 tuner[RF]	2.35	RF Group call-in, investigation, refill
# 10	07/06 07:18	To	07/10 07:59	96.70	Int Dump: End of Period	0.00	
						0.00	
# 11	07/11 08:01	To	07/15 22:09	110.13	Water flow flt [MOM]	0.65	Investigation, refill
# 12	07/15 22:47	To	07/17 04:03	29.26	Power event [OTH]	0.66	
# 13	07/17 04:43	To	07/17 08:00	3.28	Int Dump: End of Period	0.02	
						0.00	
# 14	07/18 08:00	To	07/24 00:48	136.81	S37 hybrid ld. flt[UNK]	0.62	Reset trip, refilled
# 15	07/24 01:25	To	07/24 07:59	6.57	Int Dump: End of Period	0.02	
						0.00	
# 16	07/25 08:01	To	07/25 09:10	1.15	S2A:V3 P.S. glitch[PS]	0.55	Investigation refill
# 17	07/25 09:43	To	07/25 16:02	6.32	Admin. stand-down[OTH]	74.06	
# 18	07/28 18:06	To	07/29 23:53	29.79	S38 IG fault [RF]	0.39	Reset fault, refilled ring
# 19	07/30 00:17	To	07/31 07:59	31.71	Starting Supplemental	0.00	
						0.00	
# 20	08/01 08:00	To	08/07 08:00	144.00	Starting Supplemental	-0.00	
						0.00	
# 22	08/08 08:00	To	08/14 07:59	144.00	Int Dump: End of Period	0.02	
						0.00	
# 23	08/15 08:00	To	08/23 23:59	208.00	Starting Supplemental	0.02	

Top-Up Mode Statistics

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

Total

Current in Range during Scheduled Topup Time

90.97 %

Current in Range during Delivered Beam Time			99.52 %	
Injector Availability			99.45 %	
<u>Period Beginning 05/31/2017 08:01</u>				
Current in Range			97.91 %	
Injector Availability			97.70 %	
Out of Range at:	06/01/2017 09:18:08	to	06/01/2017 11:17:04 :	118.93 minutes
Injector downtime:	06/01/2017 09:13:12	to	06/01/2017 11:17:00 :	123.80 minutes
Out of Range at:	06/03/2017 04:45:12	to	06/03/2017 04:45:52 :	0.67 minutes
Injector downtime:	06/03/2017 04:37:12	to	06/03/2017 04:45:12 :	~ 8.00 minutes
<u>Period Beginning 06/06/2017 08:01</u>				
Current in Range			100.00 %	
Injector Availability			100.00 %	
<u>Period Beginning 06/13/2017 08:00</u>				
Current in Range			99.56 %	
Injector Availability			99.53 %	
Out of Range at:	06/14/2017 20:33:36	to	06/14/2017 21:11:12 :	37.60 minutes
Injector downtime:	06/14/2017 20:28:40	to	06/14/2017 21:08:56 :	40.27 minutes
<u>Period Beginning 06/20/2017 08:01</u>				
Current in Range			99.90 %	
Injector Availability			99.81 %	
Out of Range at:	06/21/2017 08:42:40	to	06/21/2017 08:42:56 :	0.27 minutes
Injector downtime:	06/21/2017 08:34:40	to	06/21/2017 08:42:40 :	~ 8.00 minutes
Out of Range at:	06/26/2017 07:51:28	to	06/26/2017 07:59:28 :	8.00 minutes
Injector downtime:	06/26/2017 07:43:28	to	06/26/2017 07:51:28 :	~ 8.00 minutes
<u>Period Beginning 06/28/2017 08:00</u>				
Current in Range			99.78 %	
Injector Availability			99.66 %	
Out of Range at:	07/01/2017 20:23:52	to	07/01/2017 20:26:00 :	2.13 minutes

Injector downtime:	07/01/2017 20:15:52	to	07/01/2017 20:23:52 :	~ 8.00 minutes
Out of Range at:	07/01/2017 21:07:36	to	07/01/2017 21:24:00 :	16.40 minutes
Injector downtime:	07/01/2017 21:02:40	to	07/01/2017 21:23:56 :	21.27 minutes

Period Beginning 07/05/2017 08:01

Current in Range	100.00 %
Injector Availability	100.00 %

Period Beginning 07/25/2017 08:01

Current in Range	100.00 %
Injector Availability	100.00 %

Period Beginning 08/01/2017 08:00

Current in Range	98.33 %
Injector Availability	98.19 %

Out of Range at:	08/02/2017 22:28:32	to	08/03/2017 00:52:56 :	144.40 minutes
Injector downtime:	08/02/2017 22:23:36	to	08/03/2017 00:52:24 :	148.80 minutes
Out of Range at:	08/03/2017 21:19:28	to	08/03/2017 21:19:44 :	0.27 minutes
Injector downtime:	08/03/2017 21:11:28	to	08/03/2017 21:19:28 :	~ 8.00 minutes

Period Beginning 08/08/2017 08:00

Current in Range	100.00 %
Injector Availability	100.00 %

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.