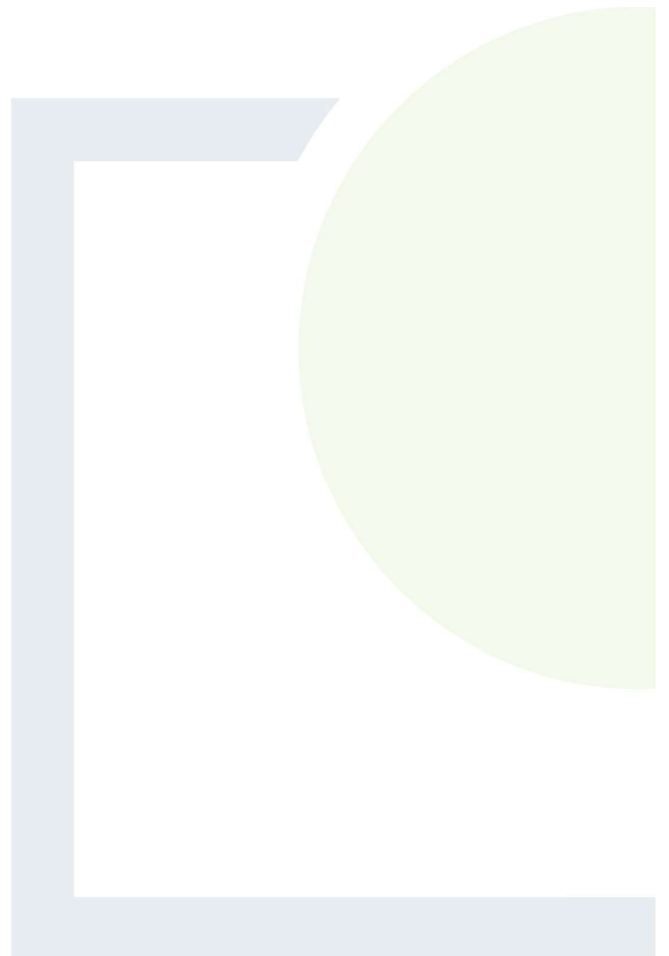




CONSULTANTS IN ENGINEERING,
ENVIRONMENTAL SCIENCE
& PLANNING

Appendix 12.6

Theoretical Shadow Flicker Times
per Turbine (Scenario 03)



**APPENDIX 12-6: Calculated Shadow Flicker Times that could occur on a turbine by turbine basis for Scenario 03
Total Theoretical Shadow Flicker Times in UTC**

Turbine 1

Day-Month	Start Time	End Time	Duration
01-Jan	15:52:56	16:17:15	00:24:19
02-Jan	15:53:24	16:17:45	00:24:21
03-Jan	15:53:53	16:18:15	00:24:22
04-Jan	15:54:22	16:18:44	00:24:22
05-Jan	15:54:51	16:19:11	00:24:20
06-Jan	15:55:21	16:19:36	00:24:15
07-Jan	15:55:53	16:19:59	00:24:07
08-Jan	15:56:26	16:20:21	00:23:55
09-Jan	15:57:01	16:20:39	00:23:39
10-Jan	15:57:38	16:20:54	00:23:17
11-Jan	15:58:17	16:21:06	00:22:49
12-Jan	15:58:59	16:21:14	00:22:14
13-Jan	15:59:46	16:21:16	00:21:30
14-Jan	16:00:38	16:21:14	00:20:37
15-Jan	16:01:35	16:21:06	00:19:31
16-Jan	16:02:41	16:20:51	00:18:10
17-Jan	16:03:58	16:20:26	00:16:28
18-Jan	16:05:35	16:19:47	00:14:13
19-Jan	16:07:40	16:18:49	00:11:09
20-Jan	16:09:54	16:17:09	00:07:15
20-Jan	16:39:54	16:47:53	00:07:59
21-Jan	16:38:26	16:49:57	00:11:31
22-Jan	16:37:29	16:51:37	00:14:08
23-Jan	16:36:48	16:53:06	00:16:18
24-Jan	16:36:18	16:54:26	00:18:08
25-Jan	16:35:57	16:55:31	00:19:34
26-Jan	16:35:43	16:56:24	00:20:41
27-Jan	16:35:35	16:57:08	00:21:32
28-Jan	16:35:34	16:57:42	00:22:08
29-Jan	16:35:39	16:58:09	00:22:29
30-Jan	16:35:51	16:58:27	00:22:36
31-Jan	16:36:09	16:58:36	00:22:27
01-Feb	16:36:35	16:58:37	00:22:02
02-Feb	16:37:09	16:58:28	00:21:18
03-Feb	16:37:54	16:58:08	00:20:14
04-Feb	16:38:52	16:57:36	00:18:44
05-Feb	16:39:57	16:56:50	00:16:53
06-Feb	16:41:26	16:55:45	00:14:18
07-Feb	16:43:24	16:54:05	00:10:42
08-Feb	16:46:49	16:50:45	00:03:57
03-Nov	16:13:57	16:22:23	00:08:26
04-Nov	16:11:50	16:24:33	00:12:42
05-Nov	16:10:10	16:25:56	00:15:46
06-Nov	16:09:03	16:26:57	00:17:54
07-Nov	16:08:12	16:27:45	00:19:33

08-Nov	16:07:32	16:28:21	00:20:49
09-Nov	16:07:06	16:28:47	00:21:42
10-Nov	16:06:50	16:29:06	00:22:16
11-Nov	16:06:44	16:29:17	00:22:33
12-Nov	16:06:46	16:29:21	00:22:35
13-Nov	16:06:56	16:29:19	00:22:22
14-Nov	16:07:15	16:29:10	00:21:55
15-Nov	16:07:41	16:28:54	00:21:14
16-Nov	16:08:15	16:28:31	00:20:17
17-Nov	16:08:57	16:27:59	00:19:03
18-Nov	16:09:49	16:27:17	00:17:29
19-Nov	16:10:51	16:26:20	00:15:29
20-Nov	16:12:07	16:25:20	00:13:13
21-Nov	16:13:45	16:24:09	00:10:24
22-Nov	15:44:29	15:53:15	00:08:46
22-Nov	16:16:07	16:22:17	00:06:10
23-Nov	15:43:02	15:55:12	00:12:09
24-Nov	15:41:40	15:56:39	00:14:59
25-Nov	15:40:49	15:57:51	00:17:02
26-Nov	15:40:15	15:58:52	00:18:37
27-Nov	15:39:54	15:59:46	00:19:52
28-Nov	15:39:41	16:00:34	00:20:53
29-Nov	15:39:34	16:01:18	00:21:44
30-Nov	15:39:34	16:01:59	00:22:25
01-Dec	15:39:39	16:02:36	00:22:58
02-Dec	15:39:48	16:03:11	00:23:23
03-Dec	15:39:59	16:03:43	00:23:44
04-Dec	15:40:15	16:04:14	00:23:59
05-Dec	15:40:34	16:04:43	00:24:09
06-Dec	15:40:54	16:05:11	00:24:17
07-Dec	15:41:17	16:05:38	00:24:21
08-Dec	15:41:42	16:06:04	00:24:22
09-Dec	15:42:07	16:06:30	00:24:22
10-Dec	15:42:34	16:06:55	00:24:21
11-Dec	15:43:02	16:07:20	00:24:18
12-Dec	15:43:31	16:07:45	00:24:14
13-Dec	15:44:00	16:08:10	00:24:10
14-Dec	15:44:30	16:08:36	00:24:06
15-Dec	15:45:00	16:09:02	00:24:01
16-Dec	15:45:31	16:09:28	00:23:57
17-Dec	15:46:02	16:09:55	00:23:53
18-Dec	15:46:33	16:10:23	00:23:50
19-Dec	15:47:03	16:10:51	00:23:48
20-Dec	15:47:34	16:11:20	00:23:46
21-Dec	15:48:04	16:11:50	00:23:46
22-Dec	15:48:34	16:12:20	00:23:46
23-Dec	15:49:03	16:12:51	00:23:47
24-Dec	15:49:32	16:13:22	00:23:50
25-Dec	15:50:01	16:13:54	00:23:53
26-Dec	15:50:30	16:14:26	00:23:57

27-Dec	15:50:58	16:14:59	00:24:01
28-Dec	15:51:26	16:15:31	00:24:05
29-Dec	15:51:54	16:16:04	00:24:10
30-Dec	15:52:21	16:16:36	00:24:14
31-Dec	15:52:49	16:17:07	00:24:18

Turbine 2

No shadow flicker will result from this turbine

Turbine 3

Day-Month	Start Time	End Time	Duration
19-May	04:54:01	04:57:33	00:03:32
20-May	04:53:04	05:00:05	00:07:01
21-May	04:52:53	05:02:30	00:09:37
22-May	04:52:47	05:04:48	00:12:00
23-May	04:52:46	05:06:59	00:14:13
24-May	04:52:49	05:09:05	00:16:16
25-May	04:52:55	05:11:05	00:18:10
26-May	04:53:05	05:12:59	00:19:54
27-May	04:53:18	05:14:48	00:21:30
28-May	04:53:34	05:16:31	00:22:57
29-May	04:53:52	05:18:10	00:24:18
30-May	04:54:13	05:18:47	00:24:34
31-May	04:54:36	05:18:33	00:23:57
01-Jun	04:55:01	05:18:19	00:23:17
02-Jun	04:55:28	05:18:02	00:22:34
03-Jun	04:55:57	05:17:44	00:21:47
04-Jun	04:56:27	05:17:32	00:21:05
05-Jun	04:56:59	05:17:19	00:20:20
06-Jun	04:57:32	05:17:05	00:19:33
07-Jun	04:58:06	05:16:50	00:18:44
08-Jun	04:58:40	05:16:34	00:17:54
09-Jun	04:59:15	05:16:19	00:17:03
10-Jun	04:59:51	05:16:03	00:16:12
11-Jun	05:00:26	05:15:46	00:15:20
12-Jun	05:01:02	05:15:30	00:14:29
13-Jun	05:01:37	05:15:16	00:13:39
14-Jun	05:02:10	05:15:07	00:12:57
15-Jun	05:02:43	05:15:01	00:12:18
16-Jun	05:03:14	05:14:56	00:11:42
17-Jun	05:03:42	05:14:53	00:11:11
18-Jun	05:04:08	05:14:54	00:10:46
19-Jun	05:04:31	05:14:57	00:10:27
20-Jun	05:04:50	05:15:05	00:10:15
21-Jun	05:05:05	05:15:16	00:10:11
22-Jun	05:05:16	05:15:31	00:10:15
23-Jun	05:05:23	05:15:49	00:10:27
24-Jun	05:05:26	05:16:12	00:10:46
25-Jun	05:05:26	05:16:37	00:11:11
26-Jun	05:05:23	05:17:05	00:11:42

27-Jun	05:05:17	05:17:36	00:12:18
28-Jun	05:05:10	05:18:07	00:12:57
29-Jun	05:05:01	05:18:41	00:13:40
30-Jun	05:04:51	05:19:20	00:14:29
01-Jul	05:04:39	05:19:59	00:15:21
02-Jul	05:04:27	05:20:39	00:16:12
03-Jul	05:04:15	05:21:18	00:17:04
04-Jul	05:04:02	05:21:56	00:17:54
05-Jul	05:03:49	05:22:34	00:18:44
06-Jul	05:03:37	05:23:10	00:19:33
07-Jul	05:03:25	05:23:44	00:20:19
08-Jul	05:03:13	05:24:17	00:21:04
09-Jul	05:03:02	05:24:48	00:21:47
10-Jul	05:02:51	05:25:25	00:22:33
11-Jul	05:02:42	05:25:58	00:23:17
12-Jul	05:02:33	05:26:30	00:23:56
13-Jul	05:02:26	05:26:59	00:24:33
14-Jul	05:02:20	05:26:44	00:24:24
15-Jul	05:02:16	05:25:20	00:23:05
16-Jul	05:02:13	05:23:50	00:21:38
17-Jul	05:02:12	05:22:15	00:20:03
18-Jul	05:02:13	05:20:32	00:18:20
19-Jul	05:02:16	05:18:43	00:16:27
20-Jul	05:02:22	05:16:48	00:14:26
21-Jul	05:02:31	05:14:45	00:12:14
22-Jul	05:02:42	05:12:34	00:09:52
23-Jul	05:02:58	05:10:16	00:07:19
24-Jul	05:03:17	05:03:25	00:00:08
24-Jul	05:04:00	05:07:50	00:03:50

Turbine 4	Easting	Northing	Day
Day-Month	Start Time	End Time	Duration
01-Apr	06:23:34	06:33:21	00:09:48
02-Apr	06:21:24	06:40:50	00:19:26
03-Apr	06:18:54	06:41:29	00:22:35
04-Apr	06:17:04	06:41:51	00:24:47
05-Apr	06:15:36	06:41:58	00:26:22
06-Apr	06:13:40	06:41:53	00:28:13
06-Apr	18:36:03	18:50:41	00:14:38
07-Apr	06:12:01	06:41:35	00:29:34
07-Apr	18:24:23	18:52:14	00:27:51
08-Apr	06:10:47	06:41:06	00:30:18
08-Apr	18:24:13	18:53:36	00:29:23
09-Apr	06:09:43	06:40:24	00:30:42
09-Apr	18:24:27	18:54:27	00:30:00
10-Apr	06:07:06	06:39:29	00:32:23
10-Apr	18:25:33	18:55:30	00:29:57
11-Apr	06:05:09	06:38:44	00:33:35
11-Apr	18:26:54	18:56:57	00:30:04
12-Apr	06:03:28	06:37:48	00:34:20

12-Apr	18:29:18	18:58:26	00:29:08
13-Apr	06:02:10	06:36:38	00:34:28
13-Apr	18:31:56	18:59:58	00:28:02
14-Apr	06:01:09	06:35:17	00:34:08
14-Apr	18:31:58	19:01:32	00:29:35
15-Apr	06:00:22	06:33:31	00:33:09
15-Apr	18:32:13	19:02:59	00:30:47
16-Apr	05:59:46	06:31:01	00:31:14
16-Apr	18:32:34	19:03:58	00:31:24
17-Apr	05:59:21	06:26:23	00:27:02
17-Apr	18:33:10	19:04:36	00:31:26
18-Apr	05:59:07	06:26:05	00:26:58
18-Apr	18:34:07	19:06:08	00:32:01
19-Apr	05:52:54	05:56:36	00:03:42
19-Apr	05:59:02	06:25:38	00:26:36
19-Apr	18:35:34	19:07:38	00:32:04
20-Apr	05:50:08	06:25:01	00:34:53
20-Apr	18:36:17	19:09:14	00:32:57
21-Apr	05:48:03	06:24:15	00:36:12
21-Apr	18:36:53	19:10:22	00:33:29
22-Apr	05:46:09	06:23:16	00:37:07
22-Apr	18:37:34	19:11:12	00:33:38
23-Apr	05:44:34	06:22:03	00:37:29
23-Apr	18:38:25	19:11:47	00:33:22
24-Apr	05:43:14	06:20:31	00:37:17
24-Apr	18:39:39	19:12:11	00:32:32
25-Apr	05:39:12	06:18:27	00:39:15
25-Apr	18:40:33	19:12:26	00:31:53
26-Apr	05:36:05	06:15:45	00:39:40
26-Apr	18:41:14	19:12:32	00:31:18
27-Apr	05:34:16	06:09:48	00:35:32
27-Apr	18:42:12	19:12:31	00:30:19
28-Apr	05:32:48	06:09:55	00:37:07
28-Apr	18:43:29	19:12:22	00:28:53
29-Apr	05:31:44	06:09:46	00:38:02
29-Apr	18:43:38	19:12:07	00:28:29
30-Apr	05:30:56	06:09:31	00:38:34
30-Apr	18:43:56	19:11:45	00:27:49
01-May	05:30:22	06:09:08	00:38:46
01-May	18:44:22	19:11:15	00:26:53
02-May	05:29:58	06:08:39	00:38:41
02-May	18:44:59	19:10:39	00:25:40
03-May	05:29:44	06:08:14	00:38:29
03-May	18:45:38	19:09:54	00:24:16
04-May	05:29:40	06:07:47	00:38:07
04-May	18:46:22	19:08:59	00:22:37
05-May	05:29:45	06:07:15	00:37:30
05-May	18:47:20	19:07:56	00:20:37
06-May	05:29:59	06:06:35	00:36:37
06-May	18:48:34	19:06:40	00:18:06

07-May	05:30:22	06:05:48	00:35:26
07-May	18:50:14	19:05:03	00:14:49
08-May	05:30:56	06:04:53	00:33:57
08-May	18:52:29	19:02:49	00:10:20
09-May	05:31:43	06:03:46	00:32:04
10-May	05:32:45	06:02:25	00:29:40
11-May	05:34:13	05:45:17	00:11:04
11-May	05:45:31	06:00:41	00:15:10
12-May	05:36:36	05:42:33	00:05:57
12-May	05:47:42	05:58:08	00:10:26
14-May	05:19:19	05:25:09	00:05:49
15-May	05:15:57	05:27:59	00:12:03
16-May	05:13:56	05:30:42	00:16:46
17-May	05:12:26	05:32:39	00:20:13
18-May	05:11:14	05:33:51	00:22:37
19-May	05:10:16	05:34:52	00:24:36
20-May	05:09:16	05:35:45	00:26:28
21-May	05:08:13	05:36:30	00:28:17
22-May	05:07:22	05:37:12	00:29:50
23-May	05:06:39	05:37:49	00:31:10
24-May	05:06:03	05:38:22	00:32:19
25-May	05:05:33	05:38:52	00:33:19
26-May	05:05:09	05:39:19	00:34:10
27-May	05:04:49	05:39:43	00:34:54
28-May	05:04:33	05:40:05	00:35:32
28-May	19:46:50	19:55:21	00:08:31
29-May	05:04:20	05:40:25	00:36:05
29-May	19:45:15	19:57:14	00:11:59
30-May	05:04:11	05:40:45	00:36:34
30-May	19:44:11	19:58:37	00:14:26
31-May	05:04:04	05:41:04	00:36:59
31-May	19:43:23	19:59:45	00:16:22
01-Jun	05:04:01	05:41:21	00:37:20
01-Jun	19:42:46	20:00:42	00:17:56
02-Jun	05:03:59	05:41:37	00:37:38
02-Jun	19:42:17	20:01:43	00:19:26
03-Jun	05:03:59	05:41:52	00:37:53
03-Jun	19:41:54	20:02:42	00:20:48
04-Jun	05:04:02	05:42:07	00:38:05
04-Jun	19:41:36	20:03:33	00:21:57
05-Jun	05:04:06	05:42:20	00:38:15
05-Jun	19:41:22	20:04:18	00:22:56
06-Jun	05:04:11	05:42:34	00:38:22
06-Jun	19:41:12	20:04:59	00:23:47
07-Jun	05:04:18	05:42:46	00:38:28
07-Jun	19:41:05	20:05:36	00:24:30
08-Jun	05:04:26	05:42:58	00:38:32
08-Jun	19:41:01	20:06:09	00:25:08
09-Jun	05:04:35	05:43:10	00:38:35
09-Jun	19:40:59	20:06:48	00:25:48

10-Jun	05:04:45	05:43:22	00:38:37
10-Jun	19:40:59	20:07:40	00:26:41
11-Jun	05:04:56	05:43:34	00:38:38
11-Jun	19:41:01	20:08:26	00:27:24
12-Jun	05:05:07	05:43:45	00:38:38
12-Jun	19:41:05	20:09:05	00:28:00
13-Jun	05:05:18	05:43:57	00:38:38
13-Jun	19:41:10	20:09:40	00:28:30
14-Jun	05:05:30	05:44:08	00:38:38
14-Jun	19:41:17	20:10:11	00:28:55
15-Jun	05:05:43	05:44:20	00:38:37
15-Jun	19:41:24	20:10:39	00:29:15
16-Jun	05:05:56	05:44:32	00:38:36
16-Jun	19:41:33	20:11:04	00:29:31
17-Jun	05:06:08	05:44:44	00:38:36
17-Jun	19:41:43	20:11:26	00:29:43
18-Jun	05:06:21	05:44:56	00:38:35
18-Jun	19:41:53	20:11:47	00:29:54
19-Jun	05:06:35	05:45:09	00:38:34
19-Jun	19:42:05	20:12:06	00:30:01
20-Jun	05:06:48	05:45:22	00:38:34
20-Jun	19:42:17	20:12:22	00:30:05
21-Jun	05:07:01	05:45:35	00:38:34
21-Jun	19:42:30	20:12:34	00:30:04
22-Jun	05:07:14	05:45:48	00:38:34
22-Jun	19:42:44	20:12:44	00:29:59
23-Jun	05:07:27	05:46:01	00:38:34
23-Jun	19:42:59	20:12:50	00:29:51
24-Jun	05:07:39	05:46:14	00:38:35
24-Jun	19:43:14	20:12:55	00:29:41
25-Jun	05:07:52	05:46:28	00:38:36
25-Jun	19:43:30	20:12:57	00:29:27
26-Jun	05:08:05	05:46:41	00:38:37
26-Jun	19:43:47	20:12:57	00:29:10
27-Jun	05:08:17	05:46:55	00:38:37
27-Jun	19:44:05	20:12:54	00:28:49
28-Jun	05:08:30	05:47:08	00:38:38
28-Jun	19:44:24	20:12:47	00:28:23
29-Jun	05:08:43	05:47:21	00:38:38
29-Jun	19:44:43	20:12:35	00:27:52
30-Jun	05:08:55	05:47:34	00:38:39
30-Jun	19:45:04	20:12:19	00:27:15
01-Jul	05:09:08	05:47:46	00:38:38
01-Jul	19:45:26	20:11:56	00:26:30
02-Jul	05:09:21	05:47:58	00:38:37
02-Jul	19:45:50	20:11:24	00:25:34
03-Jul	05:09:34	05:48:10	00:38:35
03-Jul	19:46:15	20:11:14	00:24:59
04-Jul	05:09:48	05:48:20	00:38:32
04-Jul	19:46:41	20:11:02	00:24:21

05-Jul	05:10:02	05:48:30	00:38:28
05-Jul	19:47:10	20:10:47	00:23:36
06-Jul	05:10:16	05:48:38	00:38:22
06-Jul	19:47:42	20:10:26	00:22:44
07-Jul	05:10:31	05:48:46	00:38:15
07-Jul	19:48:16	20:09:59	00:21:44
08-Jul	05:10:47	05:48:52	00:38:05
08-Jul	19:48:54	20:09:27	00:20:33
09-Jul	05:11:03	05:48:57	00:37:53
09-Jul	19:49:37	20:08:45	00:19:08
10-Jul	05:11:21	05:48:59	00:37:39
10-Jul	19:50:25	20:08:04	00:17:39
11-Jul	05:11:40	05:49:01	00:37:21
11-Jul	19:51:20	20:07:22	00:16:02
12-Jul	05:12:00	05:49:01	00:37:00
12-Jul	19:52:27	20:06:29	00:14:02
13-Jul	05:12:23	05:48:58	00:36:35
13-Jul	19:53:50	20:05:18	00:11:28
14-Jul	05:12:46	05:48:53	00:36:07
14-Jul	19:55:46	20:03:31	00:07:45
15-Jul	05:13:13	05:48:47	00:35:34
16-Jul	05:13:41	05:48:38	00:34:57
17-Jul	05:14:13	05:48:26	00:34:13
18-Jul	05:14:48	05:48:10	00:33:22
19-Jul	05:15:27	05:47:51	00:32:24
20-Jul	05:16:11	05:47:27	00:31:16
21-Jul	05:17:01	05:46:58	00:29:57
22-Jul	05:17:58	05:46:24	00:28:26
23-Jul	05:19:05	05:45:45	00:26:40
24-Jul	05:20:10	05:44:58	00:24:47
25-Jul	05:21:11	05:44:02	00:22:51
26-Jul	05:22:22	05:42:53	00:20:31
27-Jul	05:23:50	05:41:09	00:17:19
28-Jul	05:25:45	05:38:28	00:12:43
29-Jul	05:28:45	05:35:37	00:06:53
31-Jul	05:47:06	05:52:06	00:05:00
31-Jul	05:58:01	06:07:48	00:09:47
01-Aug	05:44:24	05:54:58	00:10:34
01-Aug	05:55:40	06:10:25	00:14:44
02-Aug	05:42:47	06:12:06	00:29:19
03-Aug	05:41:35	06:13:21	00:31:47
03-Aug	19:02:16	19:12:21	00:10:05
04-Aug	05:40:38	06:14:20	00:33:42
04-Aug	18:59:52	19:14:28	00:14:36
05-Aug	05:39:53	06:15:07	00:35:14
05-Aug	18:58:00	19:15:55	00:17:55
06-Aug	05:39:17	06:15:44	00:36:27
06-Aug	18:56:34	19:17:01	00:20:27
07-Aug	05:38:50	06:16:13	00:37:22
07-Aug	18:55:24	19:17:52	00:22:28

08-Aug	05:38:31	06:16:33	00:38:02
08-Aug	18:54:26	19:18:33	00:24:07
09-Aug	05:38:19	06:16:46	00:38:27
09-Aug	18:53:33	19:19:03	00:25:31
10-Aug	05:38:15	06:16:54	00:38:39
10-Aug	18:52:40	19:19:25	00:26:45
11-Aug	05:38:20	06:17:08	00:38:48
11-Aug	18:51:55	19:19:38	00:27:43
12-Aug	05:38:34	06:17:15	00:38:41
12-Aug	18:51:19	19:19:43	00:28:24
13-Aug	05:38:59	06:17:14	00:38:14
13-Aug	18:50:49	19:19:40	00:28:51
14-Aug	05:39:38	06:17:05	00:37:26
14-Aug	18:49:26	19:19:30	00:30:04
15-Aug	05:40:36	06:16:48	00:36:12
15-Aug	18:48:03	19:19:11	00:31:08
16-Aug	05:41:56	06:21:25	00:39:28
16-Aug	18:46:57	19:18:45	00:31:47
17-Aug	05:44:00	06:23:52	00:39:52
17-Aug	18:45:55	19:18:09	00:32:14
18-Aug	05:48:34	06:25:44	00:37:10
18-Aug	18:44:10	19:17:23	00:33:13
19-Aug	05:49:23	06:26:58	00:37:35
19-Aug	18:42:50	19:16:26	00:33:35
20-Aug	05:50:29	06:27:49	00:37:20
20-Aug	18:41:45	19:15:15	00:33:30
21-Aug	05:51:45	06:28:25	00:36:40
21-Aug	18:40:39	19:13:46	00:33:07
22-Aug	05:53:22	06:28:47	00:35:25
22-Aug	18:39:46	19:11:51	00:32:05
23-Aug	05:55:14	06:28:59	00:33:45
23-Aug	18:37:47	19:09:53	00:32:07
24-Aug	06:02:06	06:28:59	00:26:53
24-Aug	18:36:13	19:07:32	00:31:19
25-Aug	06:01:47	06:28:51	00:27:04
25-Aug	18:35:02	19:06:29	00:31:27
26-Aug	06:01:38	06:31:47	00:30:09
26-Aug	18:34:06	19:05:07	00:31:02
27-Aug	06:01:37	06:34:15	00:32:38
27-Aug	18:33:16	19:03:21	00:30:05
28-Aug	06:01:47	06:35:40	00:33:53
28-Aug	18:32:37	19:01:15	00:28:37
29-Aug	06:02:08	06:36:36	00:34:27
29-Aug	18:31:50	18:59:01	00:27:11
30-Aug	06:02:44	06:37:15	00:34:31
30-Aug	18:27:17	18:57:09	00:29:52
31-Aug	06:03:38	06:37:42	00:34:04
31-Aug	18:25:06	18:55:12	00:30:05
01-Sep	06:04:55	06:37:55	00:32:59
01-Sep	18:23:26	18:53:09	00:29:44

02-Sep	06:06:28	06:38:12	00:31:44
02-Sep	18:22:06	18:51:53	00:29:47
03-Sep	06:07:53	06:38:23	00:30:31
03-Sep	18:21:42	18:50:11	00:28:29
04-Sep	06:08:19	06:38:21	00:30:02
04-Sep	18:26:32	18:48:08	00:21:36
05-Sep	06:09:06	06:38:07	00:29:01
05-Sep	18:38:48	18:45:29	00:06:41
06-Sep	06:10:17	06:37:41	00:27:24
07-Sep	06:11:20	06:37:03	00:25:44
08-Sep	06:12:22	06:36:12	00:23:50
09-Sep	06:13:41	06:35:05	00:21:24
10-Sep	06:15:24	06:33:39	00:18:15
11-Sep	06:16:55	06:17:52	00:00:57

Turbine 5

Day-Month	Start Time	End Time	Duration
23-Mar	18:08:52	18:28:44	00:19:52
24-Mar	17:56:31	18:29:31	00:33:00
25-Mar	17:56:27	18:31:06	00:34:39
26-Mar	17:57:28	18:31:32	00:34:03
27-Mar	06:30:57	06:44:13	00:13:16
27-Mar	17:58:49	18:31:43	00:32:54
28-Mar	06:28:50	06:45:23	00:16:33
28-Mar	17:59:25	18:32:53	00:33:28
29-Mar	06:27:19	06:46:06	00:18:47
29-Mar	18:00:49	18:36:51	00:36:03
30-Mar	06:26:13	06:46:29	00:20:16
30-Mar	18:01:59	18:38:47	00:36:48
31-Mar	06:25:25	06:46:34	00:21:09
31-Mar	18:02:59	18:40:15	00:37:16
01-Apr	06:24:53	06:46:25	00:21:32
01-Apr	18:03:58	18:41:30	00:37:31
02-Apr	06:24:34	06:46:01	00:21:27
02-Apr	18:04:59	18:42:21	00:37:22
03-Apr	06:17:27	06:45:23	00:27:56
03-Apr	18:06:01	18:42:57	00:36:56
04-Apr	06:15:35	06:44:30	00:28:55
04-Apr	18:07:11	18:44:33	00:37:22
05-Apr	06:14:07	06:43:17	00:29:10
05-Apr	18:08:55	18:45:57	00:37:03
06-Apr	06:13:01	06:41:38	00:28:37
06-Apr	18:11:31	18:47:17	00:35:46
07-Apr	06:12:11	06:39:38	00:27:27
07-Apr	18:13:32	18:48:53	00:35:21
08-Apr	06:11:36	06:36:28	00:24:52
08-Apr	18:13:30	18:50:25	00:36:55
09-Apr	06:11:13	06:34:15	00:23:01
09-Apr	18:13:35	18:51:56	00:38:21
10-Apr	06:11:03	06:33:50	00:22:47

10-Apr	18:13:47	18:53:01	00:39:14
11-Apr	06:11:06	06:33:13	00:22:07
11-Apr	18:14:11	18:53:49	00:39:38
12-Apr	06:11:22	06:32:22	00:21:00
12-Apr	18:14:48	18:54:23	00:39:34
13-Apr	06:11:54	06:31:16	00:19:22
13-Apr	18:15:42	18:55:36	00:39:54
14-Apr	06:12:46	06:29:50	00:17:04
14-Apr	18:16:59	18:56:59	00:40:00
15-Apr	06:14:07	06:27:52	00:13:46
15-Apr	18:17:28	18:58:39	00:41:11
16-Apr	05:54:19	05:54:22	00:00:03
16-Apr	06:16:27	06:24:40	00:08:12
16-Apr	18:17:54	18:59:55	00:42:01
17-Apr	05:52:45	06:02:04	00:09:19
17-Apr	18:18:25	19:00:54	00:42:29
18-Apr	05:50:34	06:09:11	00:18:37
18-Apr	18:18:57	19:01:40	00:42:43
19-Apr	05:49:20	06:14:36	00:25:17
19-Apr	18:19:42	19:02:16	00:42:34
20-Apr	05:48:21	06:15:02	00:26:41
20-Apr	18:20:43	19:02:43	00:42:00
21-Apr	05:47:34	06:15:13	00:27:38
21-Apr	18:21:18	19:03:03	00:41:45
22-Apr	05:46:59	06:15:14	00:28:15
22-Apr	18:21:46	19:03:16	00:41:29
23-Apr	05:46:33	06:15:08	00:28:34
23-Apr	18:22:24	19:03:22	00:40:58
24-Apr	05:46:17	06:14:53	00:28:36
24-Apr	18:22:35	19:03:23	00:40:48
25-Apr	05:46:10	06:14:31	00:28:21
25-Apr	18:22:30	19:03:18	00:40:48
26-Apr	05:46:11	06:14:01	00:27:50
26-Apr	18:22:31	19:03:08	00:40:38
27-Apr	05:46:22	06:13:22	00:27:01
27-Apr	18:22:38	19:02:53	00:40:16
28-Apr	05:46:41	06:12:34	00:25:53
28-Apr	18:22:51	19:02:34	00:39:42
29-Apr	05:47:11	06:11:35	00:24:24
29-Apr	18:23:11	19:02:09	00:38:58
30-Apr	05:47:51	06:10:23	00:22:32
30-Apr	18:23:37	19:01:39	00:38:02
01-May	05:48:43	06:08:52	00:20:10
01-May	18:24:11	19:01:04	00:36:54
02-May	05:49:49	06:07:29	00:17:40
02-May	18:24:38	19:00:24	00:35:46
03-May	05:51:20	06:05:47	00:14:27
03-May	18:25:13	18:59:38	00:34:25
04-May	05:53:35	06:03:21	00:09:46
04-May	18:25:55	18:58:46	00:32:51

05-May	18:26:46	18:57:47	00:31:02
06-May	18:27:46	18:56:43	00:28:58
07-May	18:28:57	18:55:30	00:26:32
08-May	18:30:25	18:54:05	00:23:40
09-May	18:32:15	18:52:23	00:20:08
10-May	18:34:29	18:50:15	00:15:47
11-May	18:37:28	18:47:10	00:09:42
31-Jul	18:47:38	18:57:01	00:09:23
01-Aug	18:44:30	19:00:03	00:15:33
02-Aug	18:42:10	19:02:05	00:19:55
03-Aug	18:40:12	19:03:39	00:23:27
04-Aug	18:38:35	19:04:55	00:26:20
05-Aug	18:37:13	19:05:59	00:28:46
06-Aug	18:36:01	19:06:52	00:30:51
07-Aug	18:34:58	19:07:38	00:32:40
08-Aug	06:03:01	06:11:38	00:08:37
08-Aug	18:34:02	19:08:17	00:34:15
09-Aug	06:00:18	06:14:02	00:13:44
09-Aug	18:33:12	19:08:48	00:35:36
10-Aug	05:58:27	06:15:34	00:17:06
10-Aug	18:32:28	19:09:13	00:36:45
11-Aug	05:57:01	06:16:40	00:19:39
11-Aug	18:31:39	19:09:31	00:37:52
12-Aug	05:55:51	06:17:54	00:22:04
12-Aug	18:30:54	19:09:44	00:38:50
13-Aug	05:54:50	06:18:51	00:24:01
13-Aug	18:30:15	19:09:50	00:39:35
14-Aug	05:53:58	06:19:32	00:25:34
14-Aug	18:29:40	19:09:50	00:40:10
15-Aug	05:53:16	06:20:02	00:26:46
15-Aug	18:29:11	19:09:45	00:40:34
16-Aug	05:52:42	06:20:21	00:27:39
16-Aug	18:28:46	19:09:34	00:40:47
17-Aug	05:52:15	06:20:30	00:28:15
17-Aug	18:28:27	19:09:16	00:40:50
18-Aug	05:51:57	06:20:31	00:28:34
18-Aug	18:28:07	19:08:53	00:40:46
19-Aug	05:51:45	06:20:23	00:28:38
19-Aug	18:27:01	19:08:23	00:41:22
20-Aug	05:51:42	06:20:07	00:28:24
20-Aug	18:26:05	19:07:46	00:41:41
21-Aug	05:51:47	06:19:41	00:27:54
21-Aug	18:25:17	19:07:02	00:41:45
22-Aug	05:52:02	06:19:07	00:27:05
22-Aug	18:23:45	19:06:09	00:42:24
23-Aug	05:52:27	06:18:22	00:25:54
23-Aug	18:22:28	19:05:08	00:42:41
24-Aug	05:53:06	06:14:49	00:21:43
24-Aug	18:21:23	19:03:57	00:42:34
25-Aug	05:54:02	06:07:27	00:13:25

25-Aug	18:20:23	19:02:33	00:42:09
26-Aug	05:55:40	05:59:30	00:03:50
26-Aug	06:20:10	06:24:54	00:04:44
26-Aug	18:19:23	19:00:53	00:41:30
27-Aug	06:16:22	06:28:26	00:12:04
27-Aug	18:18:33	18:58:52	00:40:19
28-Aug	06:14:13	06:30:09	00:15:56
28-Aug	18:16:53	18:56:51	00:39:58
29-Aug	06:12:40	06:31:12	00:18:32
29-Aug	18:15:19	18:54:42	00:39:24
30-Aug	06:11:27	06:31:51	00:20:24
30-Aug	18:14:02	18:53:39	00:39:38
31-Aug	06:10:31	06:32:13	00:21:42
31-Aug	18:12:58	18:52:24	00:39:25
01-Sep	06:09:48	06:32:21	00:22:33
01-Sep	18:12:06	18:50:53	00:38:46
02-Sep	06:09:17	06:32:15	00:22:59
02-Sep	18:11:25	18:49:00	00:37:35
03-Sep	06:08:57	06:31:58	00:23:00
03-Sep	18:10:46	18:46:47	00:36:02
04-Sep	06:08:50	06:35:24	00:26:34
04-Sep	18:10:16	18:44:37	00:34:22
05-Sep	06:08:55	06:37:05	00:28:10
05-Sep	18:06:07	18:42:42	00:36:36
06-Sep	06:09:14	06:38:17	00:29:04
06-Sep	18:03:28	18:40:35	00:37:06
07-Sep	06:09:51	06:39:03	00:29:12
07-Sep	18:01:25	18:38:40	00:37:14
08-Sep	06:10:52	06:39:27	00:28:35
08-Sep	17:59:41	18:36:51	00:37:11
09-Sep	06:12:17	06:17:37	00:05:20
09-Sep	06:18:21	06:39:34	00:21:13
09-Sep	17:58:08	18:35:33	00:37:25
10-Sep	06:17:53	06:39:26	00:21:33
10-Sep	17:56:19	18:33:55	00:37:36
11-Sep	06:17:38	06:39:05	00:21:26
11-Sep	17:54:49	18:31:49	00:37:00
12-Sep	06:17:37	06:38:29	00:20:52
12-Sep	17:53:19	18:29:43	00:36:24
13-Sep	06:17:52	06:37:38	00:19:47
13-Sep	17:51:13	18:26:45	00:35:32
14-Sep	06:18:26	06:36:28	00:18:02
14-Sep	17:49:41	18:22:02	00:32:21
15-Sep	06:19:27	06:34:59	00:15:32
15-Sep	17:48:11	18:21:19	00:33:08
16-Sep	06:21:02	06:32:17	00:11:15
16-Sep	17:46:07	18:20:24	00:34:17
17-Sep	17:44:34	18:18:12	00:33:38
17-Sep	18:18:38	18:19:15	00:00:37
18-Sep	17:44:05	18:17:01	00:32:56

19-Sep

18:11:53

18:14:48

00:02:55

Turbine 6

Day-Month	Start Time	End Time	Duration
22-Apr	05:49:26	05:58:29	00:09:03
23-Apr	05:47:03	06:00:28	00:13:25
24-Apr	05:45:24	06:01:40	00:16:16
25-Apr	05:43:49	06:02:30	00:18:41
26-Apr	05:42:37	06:03:03	00:20:27
27-Apr	05:41:42	06:03:24	00:21:42
28-Apr	05:41:02	06:03:34	00:22:33
29-Apr	05:40:33	06:03:35	00:23:02
30-Apr	05:40:14	06:03:27	00:23:13
01-May	05:40:06	06:03:11	00:23:05
02-May	05:40:06	06:02:46	00:22:40
03-May	05:34:05	06:02:13	00:28:07
04-May	05:31:47	06:01:29	00:29:42
05-May	05:30:10	06:00:33	00:30:23
06-May	05:28:52	05:59:29	00:30:37
07-May	05:27:35	05:58:10	00:30:34
08-May	05:26:35	05:56:29	00:29:53
09-May	05:25:39	05:54:22	00:28:43
10-May	05:24:18	05:52:48	00:28:30
11-May	05:22:57	05:53:24	00:30:27
12-May	05:21:46	05:53:53	00:32:07
13-May	05:20:50	05:54:17	00:33:27
14-May	05:20:04	05:54:36	00:34:31
15-May	05:19:28	05:54:51	00:35:22
16-May	05:18:59	05:55:02	00:36:02
17-May	05:18:13	05:55:10	00:36:57
18-May	05:17:33	05:55:14	00:37:41
19-May	05:17:01	05:55:16	00:38:16
20-May	05:16:34	05:55:16	00:38:42
21-May	05:16:12	05:55:13	00:39:01
22-May	05:15:56	05:55:08	00:39:13
23-May	05:15:43	05:55:01	00:39:18
24-May	05:15:34	05:54:52	00:39:18
25-May	05:15:28	05:54:42	00:39:13
26-May	05:15:26	05:54:29	00:39:03
27-May	05:15:26	05:54:15	00:38:49
28-May	05:15:29	05:53:59	00:38:30
29-May	05:15:35	05:53:43	00:38:08
30-May	05:10:18	05:53:24	00:43:06
31-May	05:08:30	05:53:04	00:44:34
01-Jun	05:07:16	05:52:43	00:45:27
02-Jun	05:06:21	05:52:20	00:45:59
03-Jun	05:05:37	05:51:56	00:46:19
04-Jun	05:05:02	05:51:33	00:46:30
05-Jun	05:00:35	05:04:23	00:03:48
05-Jun	05:04:34	05:51:35	00:47:01

06-Jun	04:58:52	05:51:37	00:52:45
07-Jun	04:57:56	05:51:40	00:53:44
08-Jun	04:57:17	05:51:42	00:54:25
09-Jun	04:56:50	05:51:45	00:54:55
10-Jun	04:56:29	05:51:48	00:55:19
11-Jun	04:56:15	05:51:52	00:55:37
12-Jun	04:56:05	05:51:56	00:55:51
13-Jun	04:55:59	05:52:01	00:56:02
14-Jun	04:55:56	05:52:06	00:56:10
15-Jun	04:55:52	05:52:13	00:56:21
16-Jun	04:55:51	05:52:20	00:56:29
17-Jun	04:55:52	05:52:29	00:56:36
18-Jun	04:55:56	05:52:38	00:56:42
19-Jun	04:56:02	05:52:48	00:56:46
20-Jun	04:56:11	05:52:59	00:56:49
21-Jun	04:56:23	05:53:12	00:56:50
22-Jun	04:56:37	05:53:26	00:56:49
23-Jun	04:56:54	05:53:40	00:56:46
24-Jun	04:57:14	05:53:56	00:56:42
25-Jun	04:57:36	05:54:13	00:56:37
26-Jun	04:57:59	05:54:30	00:56:30
27-Jun	04:58:27	05:54:48	00:56:21
28-Jun	04:58:55	05:55:07	00:56:11
29-Jun	04:59:23	05:55:26	00:56:03
30-Jun	04:59:53	05:55:45	00:55:52
01-Jul	05:00:27	05:56:05	00:55:38
02-Jul	05:01:05	05:56:25	00:55:20
03-Jul	05:01:48	05:56:45	00:54:57
04-Jul	05:02:38	05:57:04	00:54:27
05-Jul	05:03:38	05:57:24	00:53:46
06-Jul	05:04:55	05:57:43	00:52:48
07-Jul	05:06:56	05:10:53	00:03:57
07-Jul	05:10:58	05:58:01	00:47:02
08-Jul	05:11:46	05:58:18	00:46:32
09-Jul	05:12:40	05:59:02	00:46:22
10-Jul	05:13:41	05:59:44	00:46:03
11-Jul	05:14:54	06:00:24	00:45:31
12-Jul	05:16:23	06:01:02	00:44:39
13-Jul	05:18:24	06:01:38	00:43:13
14-Jul	05:24:02	06:02:11	00:38:09
15-Jul	05:24:11	06:02:42	00:38:31
16-Jul	05:24:20	06:03:10	00:38:50
17-Jul	05:24:32	06:03:36	00:39:04
18-Jul	05:24:45	06:03:59	00:39:14
19-Jul	05:25:00	06:04:20	00:39:19
20-Jul	05:25:18	06:04:37	00:39:20
21-Jul	05:25:38	06:04:52	00:39:14
22-Jul	05:26:01	06:05:04	00:39:03
23-Jul	05:26:28	06:05:13	00:38:45
24-Jul	05:26:58	06:05:18	00:38:19

25-Jul	05:27:33	06:05:19	00:37:46
26-Jul	05:28:14	06:05:17	00:37:03
27-Jul	05:29:02	06:05:10	00:36:09
28-Jul	05:29:31	06:04:59	00:35:28
29-Jul	05:30:05	06:04:44	00:34:39
30-Jul	05:30:46	06:04:23	00:33:37
31-Jul	05:31:37	06:03:57	00:32:20
01-Aug	05:32:40	06:03:24	00:30:44
02-Aug	05:33:53	06:02:44	00:28:50
03-Aug	05:35:07	06:03:43	00:28:36
04-Aug	05:36:00	06:05:50	00:29:49
05-Aug	05:36:48	06:07:22	00:30:34
06-Aug	05:37:49	06:08:33	00:30:44
07-Aug	05:38:57	06:09:26	00:30:30
08-Aug	05:40:14	06:10:11	00:29:57
09-Aug	05:42:04	06:10:42	00:28:38
10-Aug	05:45:41	06:11:02	00:25:21
11-Aug	05:48:10	06:11:12	00:23:02
12-Aug	05:47:59	06:11:13	00:23:14
13-Aug	05:47:57	06:11:04	00:23:08
14-Aug	05:48:03	06:10:46	00:22:43
15-Aug	05:48:19	06:10:18	00:21:59
16-Aug	05:48:47	06:09:39	00:20:52
17-Aug	05:49:30	06:08:47	00:19:17
18-Aug	05:50:35	06:07:39	00:17:04
19-Aug	05:51:46	06:06:12	00:14:26
20-Aug	05:53:21	06:04:10	00:10:49
21-Aug	05:56:56	06:00:06	00:03:10

Turbine 7

Day-Month	Start Time	End Time	Duration
01-Jan	15:02:40	15:24:32	00:21:52
02-Jan	15:03:31	15:24:41	00:21:10
03-Jan	15:04:25	15:24:46	00:20:21
04-Jan	15:05:24	15:24:47	00:19:23
05-Jan	15:06:29	15:24:43	00:18:13
06-Jan	15:07:42	15:24:31	00:16:49
07-Jan	15:09:07	15:24:12	00:15:05
08-Jan	15:10:52	15:23:40	00:12:48
09-Jan	15:12:48	15:22:50	00:10:02
10-Jan	15:15:08	15:21:18	00:06:10
26-Jan	16:36:34	16:43:55	00:07:21
27-Jan	16:34:39	16:46:17	00:11:37
28-Jan	16:33:28	16:48:14	00:14:46
29-Jan	16:32:37	16:49:55	00:17:17
30-Jan	16:32:00	16:51:11	00:19:10
31-Jan	16:31:34	16:52:10	00:20:36
01-Feb	16:31:16	16:52:57	00:21:41
02-Feb	16:31:07	16:53:32	00:22:26
03-Feb	16:31:05	16:53:58	00:22:53

04-Feb	16:31:10	16:54:13	00:23:03
05-Feb	16:31:24	16:54:19	00:22:55
06-Feb	16:31:46	16:54:15	00:22:29
07-Feb	16:32:18	16:53:59	00:21:41
08-Feb	16:33:02	16:53:33	00:20:30
09-Feb	16:33:59	16:52:51	00:18:52
10-Feb	16:35:08	16:51:54	00:16:46
11-Feb	16:36:48	16:50:32	00:13:44
12-Feb	16:39:26	16:48:23	00:08:56
12-Apr	18:39:17	18:43:39	00:04:22
13-Apr	18:29:59	18:42:52	00:12:53
14-Apr	18:25:06	18:41:26	00:16:20
15-Apr	18:26:27	18:42:16	00:15:48
16-Apr	18:28:22	18:40:04	00:11:42
17-Apr	18:32:12	18:35:52	00:03:40
27-Apr	05:30:01	05:34:21	00:04:21
28-Apr	05:28:07	05:39:23	00:11:16
29-Apr	05:27:39	05:44:07	00:16:28
30-Apr	05:24:08	05:48:35	00:24:26
01-May	05:23:36	05:49:38	00:26:02
02-May	05:23:14	05:49:13	00:25:59
03-May	05:23:01	05:48:38	00:25:37
04-May	05:22:57	05:47:52	00:24:55
05-May	05:23:02	05:46:54	00:23:52
06-May	05:23:16	05:45:37	00:22:21
07-May	05:23:39	05:44:25	00:20:46
08-May	05:24:11	05:43:37	00:19:26
09-May	05:11:36	05:13:26	00:01:50
09-May	05:24:55	05:42:37	00:17:42
10-May	05:10:27	05:16:55	00:06:28
10-May	05:25:54	05:41:30	00:15:36
11-May	05:10:06	05:20:12	00:10:07
11-May	05:27:12	05:40:06	00:12:53
12-May	05:09:53	05:23:21	00:13:28
12-May	05:29:08	05:38:01	00:08:53
13-May	05:09:46	05:26:20	00:16:33
14-May	05:09:46	05:29:10	00:19:24
14-May	19:41:45	19:45:05	00:03:21
15-May	05:09:52	05:31:52	00:21:59
15-May	19:38:54	19:45:20	00:06:26
16-May	05:10:05	05:32:43	00:22:38
16-May	19:36:12	19:45:29	00:09:17
17-May	05:10:23	05:32:40	00:22:18
17-May	19:33:39	19:45:35	00:11:55
17-May	19:51:34	19:51:35	00:00:02
18-May	05:10:47	05:32:17	00:21:31
18-May	19:31:15	19:45:36	00:14:21
18-May	19:48:59	19:52:31	00:03:31
19-May	05:11:17	05:31:49	00:20:32
19-May	19:28:59	19:45:33	00:16:35

19-May	19:46:34	19:54:07	00:07:33
20-May	05:11:54	05:31:15	00:19:21
20-May	19:26:50	19:55:42	00:28:52
21-May	05:12:38	05:30:33	00:17:56
21-May	19:24:49	19:56:55	00:32:06
22-May	04:57:02	04:58:21	00:01:19
22-May	05:13:30	05:29:43	00:16:13
22-May	19:23:16	19:58:18	00:35:03
23-May	04:55:43	05:00:38	00:04:54
23-May	05:14:33	05:28:40	00:14:07
23-May	19:22:46	19:59:30	00:36:44
24-May	04:53:21	05:02:48	00:09:27
24-May	05:15:51	05:27:16	00:11:25
24-May	19:23:26	20:00:28	00:37:02
25-May	04:52:43	05:04:53	00:12:10
25-May	05:17:35	05:25:34	00:07:59
25-May	19:24:11	20:01:17	00:37:06
26-May	04:52:27	05:06:51	00:14:24
26-May	19:24:40	20:01:59	00:37:20
27-May	04:52:16	05:08:44	00:16:29
27-May	19:25:25	20:02:36	00:37:11
28-May	04:52:09	05:10:32	00:18:23
28-May	19:26:17	20:03:08	00:36:51
29-May	04:52:05	05:12:14	00:20:09
29-May	19:27:16	20:03:37	00:36:21
30-May	04:52:05	05:13:52	00:21:47
30-May	19:28:26	20:04:03	00:35:37
31-May	04:52:08	05:15:25	00:23:17
31-May	19:29:38	20:04:26	00:34:48
01-Jun	04:52:13	05:16:53	00:24:40
01-Jun	19:30:55	20:04:47	00:33:52
02-Jun	04:52:20	05:18:16	00:25:56
02-Jun	19:31:19	20:05:06	00:33:48
03-Jun	04:52:30	05:19:36	00:27:06
03-Jun	19:31:44	20:05:24	00:33:40
04-Jun	04:52:41	05:20:03	00:27:22
04-Jun	19:32:10	20:05:40	00:33:30
04-Jun	20:08:18	20:08:50	00:00:32
05-Jun	04:52:54	05:20:00	00:27:07
05-Jun	19:32:37	20:05:55	00:33:18
05-Jun	20:07:23	20:10:44	00:03:21
06-Jun	04:53:08	05:19:58	00:26:50
06-Jun	19:33:05	20:06:09	00:33:04
06-Jun	20:06:34	20:12:03	00:05:30
07-Jun	04:53:23	05:19:55	00:26:32
07-Jun	19:33:34	20:13:06	00:39:32
08-Jun	04:53:39	05:19:51	00:26:12
08-Jun	19:34:03	20:13:59	00:39:56
09-Jun	04:53:55	05:19:48	00:25:53
09-Jun	19:34:33	20:14:46	00:40:13

10-Jun	04:54:13	05:19:45	00:25:33
10-Jun	19:35:03	20:15:26	00:40:23
11-Jun	04:54:30	05:19:43	00:25:13
11-Jun	19:35:32	20:16:02	00:40:30
12-Jun	04:54:48	05:19:41	00:24:53
12-Jun	19:35:59	20:16:35	00:40:35
13-Jun	04:55:05	05:19:43	00:24:38
13-Jun	19:36:22	20:17:12	00:40:49
14-Jun	04:55:23	05:19:45	00:24:22
14-Jun	19:36:44	20:17:46	00:41:01
15-Jun	04:55:40	05:19:48	00:24:08
15-Jun	19:37:05	20:18:15	00:41:10
16-Jun	04:55:57	05:19:53	00:23:56
16-Jun	19:37:25	20:18:42	00:41:17
17-Jun	04:56:13	05:19:58	00:23:45
17-Jun	19:37:44	20:19:05	00:41:21
18-Jun	04:56:29	05:20:05	00:23:36
18-Jun	19:38:01	20:19:26	00:41:24
19-Jun	04:56:44	05:20:14	00:23:30
19-Jun	19:38:17	20:19:43	00:41:26
20-Jun	04:56:58	05:20:24	00:23:26
20-Jun	19:38:32	20:19:59	00:41:27
21-Jun	04:57:12	05:20:37	00:23:25
21-Jun	19:38:45	20:20:11	00:41:27
22-Jun	04:57:24	05:20:51	00:23:26
22-Jun	19:38:56	20:20:21	00:41:26
23-Jun	04:57:36	05:21:06	00:23:30
23-Jun	19:39:05	20:20:29	00:41:23
24-Jun	04:57:47	05:21:23	00:23:36
24-Jun	19:39:14	20:20:33	00:41:20
25-Jun	04:57:57	05:21:42	00:23:45
25-Jun	19:39:20	20:20:35	00:41:15
26-Jun	04:58:06	05:22:02	00:23:56
26-Jun	19:39:25	20:20:33	00:41:08
27-Jun	04:58:15	05:22:23	00:24:08
27-Jun	19:39:29	20:20:28	00:40:58
28-Jun	04:58:23	05:22:45	00:24:23
28-Jun	19:39:32	20:20:17	00:40:45
29-Jun	04:58:30	05:23:08	00:24:38
29-Jun	19:39:34	20:20:07	00:40:33
30-Jun	04:58:37	05:23:30	00:24:53
30-Jun	19:39:29	20:19:57	00:40:28
01-Jul	04:58:43	05:23:56	00:25:13
01-Jul	19:39:23	20:19:44	00:40:20
02-Jul	04:58:49	05:24:22	00:25:33
02-Jul	19:39:17	20:19:25	00:40:08
03-Jul	04:58:55	05:24:48	00:25:53
03-Jul	19:39:10	20:19:00	00:39:50
04-Jul	04:59:01	05:25:13	00:26:13
04-Jul	19:39:03	20:18:27	00:39:24

05-Jul	04:59:06	05:25:38	00:26:32
05-Jul	19:38:56	20:12:03	00:33:07
05-Jul	20:12:41	20:17:43	00:05:02
06-Jul	04:59:13	05:26:03	00:26:50
06-Jul	19:38:49	20:12:09	00:33:21
06-Jul	20:13:52	20:16:39	00:02:47
07-Jul	04:59:19	05:26:26	00:27:07
07-Jul	19:38:42	20:12:14	00:33:32
08-Jul	04:59:26	05:26:48	00:27:22
08-Jul	19:38:35	20:12:17	00:33:42
09-Jul	04:59:34	05:26:43	00:27:09
09-Jul	19:38:29	20:12:18	00:33:49
10-Jul	04:59:43	05:25:43	00:25:59
10-Jul	19:38:22	20:12:16	00:33:54
11-Jul	04:59:53	05:24:37	00:24:44
11-Jul	19:37:15	20:12:12	00:34:57
12-Jul	05:00:04	05:23:26	00:23:22
12-Jul	19:36:20	20:12:05	00:35:45
13-Jul	05:00:17	05:22:10	00:21:53
13-Jul	19:35:28	20:11:54	00:36:26
14-Jul	05:00:32	05:20:48	00:20:16
14-Jul	19:34:45	20:11:39	00:36:54
15-Jul	05:00:49	05:19:20	00:18:31
15-Jul	19:34:08	20:11:19	00:37:11
16-Jul	05:01:09	05:17:46	00:16:37
16-Jul	19:33:35	20:10:54	00:37:19
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17-Jul	19:33:18	20:10:22	00:37:05
18-Jul	05:01:58	05:14:18	00:12:20
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18-Jul	19:32:44	20:09:43	00:36:59
19-Jul	05:02:29	05:12:25	00:09:56
19-Jul	05:25:24	05:36:38	00:11:14
19-Jul	19:32:14	20:08:53	00:36:38
20-Jul	05:05:17	05:10:24	00:05:07
20-Jul	05:24:14	05:38:12	00:13:58
20-Jul	19:32:54	20:07:48	00:34:54
21-Jul	05:06:44	05:08:16	00:01:32
21-Jul	05:23:18	05:39:24	00:16:05
21-Jul	19:34:50	20:06:34	00:31:45
22-Jul	05:22:32	05:40:21	00:17:49
22-Jul	19:36:57	20:05:26	00:28:30
23-Jul	05:21:54	05:41:08	00:19:15
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23-Jul	19:56:46	20:03:53	00:07:07
24-Jul	05:21:21	05:41:47	00:20:26
24-Jul	19:41:29	19:55:39	00:14:10
24-Jul	19:59:14	20:02:29	00:03:15
25-Jul	05:20:54	05:42:20	00:21:26
25-Jul	19:43:55	19:55:40	00:11:45

26-Jul	05:20:32	05:42:45	00:22:14
26-Jul	19:46:29	19:55:37	00:09:08
27-Jul	05:20:14	05:42:52	00:22:38
27-Jul	19:49:10	19:55:27	00:06:17
28-Jul	05:20:01	05:42:24	00:22:22
28-Jul	19:51:58	19:55:12	00:03:13
29-Jul	05:19:53	05:39:42	00:19:49
30-Jul	05:19:50	05:36:51	00:17:01
31-Jul	05:19:52	05:33:50	00:13:59
31-Jul	05:39:30	05:47:40	00:08:10
01-Aug	05:19:59	05:30:39	00:10:41
01-Aug	05:37:22	05:49:48	00:12:26
02-Aug	05:20:12	05:27:18	00:07:06
02-Aug	05:35:55	05:51:10	00:15:15
03-Aug	05:21:14	05:23:45	00:02:31
03-Aug	05:34:47	05:52:10	00:17:23
04-Aug	05:33:53	05:53:04	00:19:11
05-Aug	05:33:10	05:53:43	00:20:34
06-Aug	05:32:35	05:54:37	00:22:02
07-Aug	05:32:08	05:55:45	00:23:37
08-Aug	05:31:48	05:56:33	00:24:45
09-Aug	05:31:36	05:57:07	00:25:31
10-Aug	05:31:31	05:57:28	00:25:57
11-Aug	05:31:34	05:57:39	00:26:05
12-Aug	05:31:46	05:57:31	00:25:44
13-Aug	05:32:58	05:33:51	00:00:53
13-Aug	05:35:03	05:52:53	00:17:50
14-Aug	05:35:08	05:47:56	00:12:48
15-Aug	05:35:23	05:42:41	00:07:17
16-Aug	05:36:55	05:37:06	00:00:10
25-Aug	18:31:38	18:41:23	00:09:45
26-Aug	18:28:59	18:43:23	00:14:24
27-Aug	18:26:50	18:44:35	00:17:45
28-Aug	18:27:20	18:43:05	00:15:45
29-Aug	18:35:36	18:43:46	00:08:10
29-Oct	16:10:18	16:16:22	00:06:04
30-Oct	16:07:09	16:19:09	00:12:00
31-Oct	16:05:06	16:20:43	00:15:37
01-Nov	16:03:46	16:21:49	00:18:02
02-Nov	16:02:48	16:22:37	00:19:49
03-Nov	16:02:01	16:23:13	00:21:12
04-Nov	16:01:28	16:23:37	00:22:09
05-Nov	16:01:07	16:23:52	00:22:45
06-Nov	16:00:57	16:23:59	00:23:02
07-Nov	16:00:57	16:23:57	00:23:01
08-Nov	16:01:05	16:23:48	00:22:43
09-Nov	16:01:23	16:23:31	00:22:07
10-Nov	16:01:50	16:23:05	00:21:14
11-Nov	16:02:27	16:22:29	00:20:02
12-Nov	16:03:15	16:21:41	00:18:25

13-Nov	16:04:16	16:20:35	00:16:19
14-Nov	16:05:35	16:18:59	00:13:25
15-Nov	16:07:20	16:17:30	00:10:10
16-Nov	16:10:21	16:14:50	00:04:29
02-Dec	14:56:53	15:04:02	00:07:09
03-Dec	14:55:34	15:06:09	00:10:35
04-Dec	14:54:27	15:07:44	00:13:18
05-Dec	14:53:38	15:09:04	00:15:26
06-Dec	14:53:08	15:10:13	00:17:06
07-Dec	14:52:49	15:11:16	00:18:27
08-Dec	14:52:39	15:12:13	00:19:34
09-Dec	14:52:35	15:13:06	00:20:30
10-Dec	14:52:37	15:13:55	00:21:18
11-Dec	14:52:43	15:14:41	00:21:58
12-Dec	14:52:53	15:15:25	00:22:33
13-Dec	14:53:06	15:16:07	00:23:02
14-Dec	14:53:21	15:16:47	00:23:26
15-Dec	14:53:39	15:17:26	00:23:46
16-Dec	14:53:59	15:18:03	00:24:03
17-Dec	14:54:22	15:18:38	00:24:16
18-Dec	14:54:46	15:19:13	00:24:26
19-Dec	14:55:13	15:19:46	00:24:33
20-Dec	14:55:40	15:20:18	00:24:37
21-Dec	14:56:09	15:20:48	00:24:39
22-Dec	14:56:40	15:21:18	00:24:38
23-Dec	14:57:12	15:21:46	00:24:34
24-Dec	14:57:46	15:22:13	00:24:27
25-Dec	14:58:21	15:22:38	00:24:17
26-Dec	14:58:57	15:23:02	00:24:04
27-Dec	14:59:36	15:23:24	00:23:48
28-Dec	15:00:16	15:23:44	00:23:28
29-Dec	15:00:58	15:24:02	00:23:04
30-Dec	15:01:42	15:24:17	00:22:35
31-Dec	15:02:28	15:24:30	00:22:02

Turbine 8

Day-Month	Start Time	End Time	Duration
01-Jan	15:17:48	15:56:27	00:38:39
02-Jan	15:18:19	15:57:03	00:38:45
03-Jan	15:18:50	15:57:39	00:38:49
04-Jan	15:19:22	15:58:14	00:38:52
05-Jan	15:19:56	15:58:49	00:38:53
06-Jan	15:20:30	15:59:22	00:38:52
07-Jan	15:21:05	15:59:54	00:38:48
08-Jan	15:21:43	16:00:24	00:38:41
09-Jan	15:22:22	16:00:52	00:38:31
10-Jan	15:23:03	16:01:18	00:38:15
11-Jan	15:23:47	16:01:42	00:37:55
12-Jan	15:24:34	16:02:02	00:37:28
13-Jan	15:25:22	16:02:20	00:36:58

14-Jan	15:26:14	16:02:34	00:36:20
15-Jan	15:27:11	16:02:44	00:35:33
16-Jan	15:28:15	16:02:50	00:34:35
17-Jan	15:29:28	16:02:51	00:33:23
18-Jan	15:30:54	16:02:46	00:31:52
19-Jan	15:32:41	16:02:36	00:29:55
20-Jan	15:35:17	16:02:19	00:27:02
20-Jan	16:28:04	16:29:57	00:01:53
21-Jan	15:38:05	16:01:52	00:23:48
21-Jan	16:24:39	16:33:59	00:09:20
22-Jan	15:42:30	16:01:15	00:18:44
22-Jan	16:23:10	16:36:02	00:12:52
23-Jan	15:44:09	16:00:21	00:16:12
23-Jan	16:22:09	16:37:53	00:15:44
24-Jan	15:46:26	15:59:03	00:12:37
24-Jan	16:21:24	16:39:34	00:18:10
25-Jan	15:49:34	15:56:51	00:07:17
25-Jan	16:20:50	16:41:45	00:20:54
26-Jan	16:20:25	16:43:32	00:23:07
27-Jan	16:20:06	16:45:32	00:25:26
28-Jan	16:19:55	16:47:29	00:27:34
29-Jan	16:19:49	16:49:25	00:29:37
30-Jan	16:19:49	16:51:07	00:31:18
31-Jan	16:19:54	16:52:24	00:32:29
01-Feb	16:20:06	16:53:24	00:33:18
02-Feb	16:20:25	16:54:12	00:33:47
03-Feb	16:20:51	16:54:49	00:33:58
04-Feb	16:21:24	16:55:15	00:33:51
05-Feb	16:22:08	16:55:32	00:33:24
06-Feb	16:22:59	16:55:40	00:32:40
07-Feb	16:24:02	16:55:37	00:31:35
08-Feb	16:25:25	16:55:25	00:29:59
09-Feb	16:27:25	16:55:01	00:27:36
10-Feb	16:30:21	16:54:25	00:24:04
11-Feb	16:32:27	16:53:34	00:21:07
12-Feb	16:35:02	16:52:24	00:17:22
13-Feb	16:38:06	16:50:43	00:12:37
14-Feb	16:41:04	16:47:50	00:06:46
06-Apr	18:30:32	18:33:18	00:02:46
07-Apr	18:17:19	18:33:32	00:16:13
08-Apr	18:05:29	18:33:22	00:27:52
09-Apr	17:59:24	18:35:24	00:36:00
10-Apr	17:59:19	18:35:07	00:35:48
11-Apr	17:59:02	18:34:42	00:35:40
12-Apr	17:59:11	18:34:10	00:34:59
13-Apr	17:59:28	18:33:29	00:34:01
14-Apr	17:59:55	18:32:40	00:32:44
15-Apr	18:00:34	18:31:41	00:31:07
16-Apr	18:01:26	18:30:31	00:29:05
17-Apr	18:02:36	18:29:10	00:26:35

17-Apr	18:42:09	18:42:41	00:00:32
18-Apr	18:04:09	18:27:35	00:23:26
18-Apr	18:34:20	18:41:59	00:07:39
19-Apr	18:06:11	18:25:38	00:19:27
19-Apr	18:27:03	18:42:09	00:15:06
20-Apr	18:08:19	18:43:22	00:35:02
21-Apr	18:12:15	18:42:24	00:30:09
21-Apr	18:49:18	18:50:23	00:01:05
22-Apr	18:14:09	18:41:17	00:27:08
22-Apr	18:42:40	18:49:40	00:07:00
23-Apr	18:14:58	18:48:49	00:33:51
24-Apr	18:16:20	18:47:48	00:31:28
25-Apr	18:17:45	18:49:37	00:31:52
26-Apr	18:20:06	18:50:36	00:30:30
27-Apr	18:24:11	18:49:28	00:25:17
28-Apr	18:27:55	18:48:08	00:20:14
28-Apr	19:07:52	19:12:05	00:04:13
29-Apr	18:27:52	18:46:32	00:18:40
29-Apr	19:02:47	19:13:24	00:10:37
30-Apr	18:29:06	18:44:29	00:15:23
30-Apr	18:57:59	19:13:15	00:15:16
01-May	18:31:47	18:41:29	00:09:41
01-May	18:53:29	19:13:00	00:19:32
01-May	19:21:17	19:21:27	00:00:10
02-May	18:49:13	19:12:39	00:23:26
02-May	19:16:38	19:21:41	00:05:03
03-May	18:45:11	19:12:11	00:26:59
03-May	19:12:14	19:23:45	00:11:31
04-May	18:45:24	19:23:56	00:38:32
05-May	18:45:43	19:24:01	00:38:18
06-May	18:46:07	19:23:59	00:37:52
07-May	18:46:59	19:23:52	00:36:53
08-May	18:47:12	19:23:39	00:36:27
09-May	18:46:25	19:23:21	00:36:56
10-May	18:47:13	19:22:57	00:35:45
11-May	18:48:42	19:22:28	00:33:47
12-May	18:49:51	19:21:53	00:32:02
12-May	19:25:44	19:26:11	00:00:27
13-May	05:05:36	05:07:28	00:01:52
13-May	18:51:45	19:21:11	00:29:26
13-May	19:22:37	19:25:56	00:03:18
14-May	05:04:10	05:10:31	00:06:21
14-May	18:54:17	19:25:37	00:31:20
15-May	05:03:39	05:13:26	00:09:46
15-May	18:55:24	19:28:17	00:32:53
16-May	05:03:17	05:16:11	00:12:55
16-May	18:56:46	19:27:59	00:31:13
17-May	05:03:01	05:18:50	00:15:48
17-May	18:58:33	19:27:39	00:29:06
18-May	05:02:53	05:21:20	00:18:28

18-May	19:00:42	19:27:15	00:26:32
19-May	05:02:50	05:23:44	00:20:54
19-May	19:07:11	19:26:47	00:19:36
20-May	05:02:52	05:25:27	00:22:35
20-May	19:05:05	19:26:15	00:21:10
21-May	05:03:00	05:25:31	00:22:31
21-May	19:03:07	19:25:40	00:22:34
22-May	05:03:13	05:25:28	00:22:15
22-May	19:03:19	19:25:02	00:21:43
23-May	05:03:30	05:25:16	00:21:46
23-May	19:04:43	19:24:20	00:19:36
23-May	19:29:41	19:31:18	00:01:37
24-May	05:03:51	05:25:00	00:21:09
24-May	19:05:52	19:23:31	00:17:39
24-May	19:27:46	19:30:54	00:03:08
24-May	19:34:53	19:36:37	00:01:44
25-May	05:04:17	05:24:41	00:20:24
25-May	19:06:06	19:22:35	00:16:30
25-May	19:25:59	19:30:27	00:04:28
25-May	19:33:03	19:36:24	00:03:21
25-May	19:41:08	19:41:30	00:00:22
26-May	05:04:47	05:24:17	00:19:30
26-May	19:07:29	19:21:30	00:14:01
26-May	19:24:18	19:29:58	00:05:40
26-May	19:31:19	19:36:10	00:04:50
26-May	19:36:32	19:41:26	00:04:55
27-May	05:05:22	05:23:50	00:18:28
27-May	19:08:17	19:20:09	00:11:51
27-May	19:22:44	19:41:21	00:18:38
28-May	05:06:01	05:23:17	00:17:16
28-May	19:10:23	19:18:16	00:07:53
28-May	19:21:15	19:41:15	00:19:59
29-May	05:06:45	05:22:38	00:15:53
29-May	19:19:53	19:41:07	00:21:14
30-May	05:07:36	05:21:51	00:14:15
30-May	19:18:36	19:40:58	00:22:23
31-May	05:08:33	05:20:51	00:12:17
31-May	19:17:24	19:40:49	00:23:25
01-Jun	05:09:40	05:19:54	00:10:14
01-Jun	19:16:18	19:40:39	00:24:21
02-Jun	05:11:02	05:18:52	00:07:50
02-Jun	19:15:17	19:40:29	00:25:11
03-Jun	05:13:02	05:17:13	00:04:12
03-Jun	19:15:02	19:40:18	00:25:16
04-Jun	19:18:05	19:40:06	00:22:02
05-Jun	19:19:27	19:39:56	00:20:29
05-Jun	20:03:05	20:03:44	00:00:39
05-Jun	20:04:45	20:05:03	00:00:18
06-Jun	19:18:43	19:39:46	00:21:03
06-Jun	20:02:12	20:05:36	00:03:24

07-Jun	19:18:04	19:39:36	00:21:32
07-Jun	20:01:25	20:06:07	00:04:42
08-Jun	19:17:29	19:39:26	00:21:57
08-Jun	20:00:42	20:06:36	00:05:54
09-Jun	19:18:27	19:39:17	00:20:50
09-Jun	20:00:04	20:07:03	00:06:58
10-Jun	19:19:31	19:39:09	00:19:38
10-Jun	19:59:31	20:07:28	00:07:56
11-Jun	19:19:38	19:39:01	00:19:23
11-Jun	19:59:03	20:07:51	00:08:48
12-Jun	19:20:33	19:38:55	00:18:22
12-Jun	19:58:39	20:08:14	00:09:35
13-Jun	19:20:21	19:38:50	00:18:29
13-Jun	19:58:19	20:08:35	00:10:15
14-Jun	19:20:54	19:38:47	00:17:53
14-Jun	19:58:04	20:08:54	00:10:50
15-Jun	19:21:40	19:38:46	00:17:06
15-Jun	19:57:53	20:09:13	00:11:20
16-Jun	19:22:24	19:38:47	00:16:23
16-Jun	19:57:47	20:09:31	00:11:44
17-Jun	19:22:40	19:38:50	00:16:09
17-Jun	19:57:44	20:09:47	00:12:03
18-Jun	19:22:43	19:38:55	00:16:12
18-Jun	19:57:45	20:10:03	00:12:18
19-Jun	19:22:50	19:39:03	00:16:14
19-Jun	19:57:51	20:10:18	00:12:27
20-Jun	19:22:59	19:39:14	00:16:14
20-Jun	19:58:00	20:10:32	00:12:31
21-Jun	19:23:13	19:39:27	00:16:14
21-Jun	19:58:14	20:10:45	00:12:31
22-Jun	19:23:30	19:39:43	00:16:13
22-Jun	19:58:31	20:10:57	00:12:25
23-Jun	19:23:50	19:40:02	00:16:12
23-Jun	19:58:52	20:11:07	00:12:15
24-Jun	19:24:14	19:40:23	00:16:09
24-Jun	19:59:18	20:11:17	00:11:59
25-Jun	19:24:15	19:40:46	00:16:31
25-Jun	19:59:47	20:11:26	00:11:39
26-Jun	19:23:55	19:41:11	00:17:15
26-Jun	20:00:20	20:11:34	00:11:14
27-Jun	19:23:35	19:41:38	00:18:03
27-Jun	20:00:57	20:11:40	00:10:43
28-Jun	19:23:39	19:42:06	00:18:27
28-Jun	20:01:38	20:11:45	00:10:07
29-Jun	19:23:59	19:42:36	00:18:36
29-Jun	20:02:23	20:11:48	00:09:25
30-Jun	19:23:46	19:43:06	00:19:20
30-Jun	20:03:12	20:11:49	00:08:38
01-Jul	19:23:45	19:43:37	00:19:52
01-Jul	20:04:05	20:11:49	00:07:44

02-Jul	19:23:05	19:44:09	00:21:04
02-Jul	20:05:02	20:11:47	00:06:45
03-Jul	19:22:49	19:44:41	00:21:52
03-Jul	20:06:03	20:11:42	00:05:39
04-Jul	19:23:46	19:45:13	00:21:27
04-Jul	20:07:09	20:11:35	00:04:27
05-Jul	19:24:47	19:45:44	00:20:57
05-Jul	20:08:18	20:11:25	00:03:07
06-Jul	19:25:52	19:46:15	00:20:23
06-Jul	20:09:33	20:09:55	00:00:22
07-Jul	19:23:52	19:46:46	00:22:54
08-Jul	19:21:39	19:47:17	00:25:38
09-Jul	05:20:08	05:24:17	00:04:09
09-Jul	19:22:42	19:47:46	00:25:04
10-Jul	05:18:26	05:26:14	00:07:48
10-Jul	19:24:01	19:48:14	00:24:13
11-Jul	05:17:22	05:27:34	00:10:12
11-Jul	19:25:25	19:48:41	00:23:16
12-Jul	05:16:31	05:28:46	00:12:15
12-Jul	19:26:53	19:49:06	00:22:14
13-Jul	05:15:50	05:30:03	00:14:13
13-Jul	19:28:25	19:49:30	00:21:05
14-Jul	05:15:15	05:31:05	00:15:50
14-Jul	19:18:40	19:27:10	00:08:30
14-Jul	19:30:02	19:49:52	00:19:50
15-Jul	05:14:44	05:31:58	00:17:13
15-Jul	19:16:54	19:29:09	00:12:15
15-Jul	19:31:44	19:50:11	00:18:28
16-Jul	05:14:18	05:32:43	00:18:25
16-Jul	19:16:21	19:30:40	00:14:20
16-Jul	19:33:30	19:39:04	00:05:33
16-Jul	19:40:32	19:45:13	00:04:41
16-Jul	19:45:45	19:50:29	00:04:44
17-Jul	05:13:55	05:33:23	00:19:28
17-Jul	19:15:11	19:31:55	00:16:44
17-Jul	19:35:23	19:39:44	00:04:21
17-Jul	19:42:27	19:45:39	00:03:12
17-Jul	19:50:32	19:50:44	00:00:11
18-Jul	05:13:36	05:33:57	00:20:21
18-Jul	19:15:25	19:33:00	00:17:35
18-Jul	19:37:20	19:40:20	00:03:00
18-Jul	19:44:27	19:46:01	00:01:35
19-Jul	05:13:20	05:34:26	00:21:07
19-Jul	19:14:08	19:33:57	00:19:49
19-Jul	19:39:23	19:40:53	00:01:30
20-Jul	05:13:07	05:34:51	00:21:44
20-Jul	19:12:54	19:34:47	00:21:53
21-Jul	05:12:58	05:35:11	00:22:14
21-Jul	19:13:04	19:35:32	00:22:28
22-Jul	05:12:52	05:35:21	00:22:30

22-Jul	19:15:08	19:36:12	00:21:04
23-Jul	05:12:49	05:35:23	00:22:34
23-Jul	19:17:19	19:36:48	00:19:30
24-Jul	05:12:50	05:34:03	00:21:12
24-Jul	19:10:39	19:37:20	00:26:41
25-Jul	05:12:56	05:31:44	00:18:48
25-Jul	19:08:35	19:37:46	00:29:11
26-Jul	05:13:06	05:29:16	00:16:10
26-Jul	19:06:51	19:38:08	00:31:17
27-Jul	05:13:21	05:26:41	00:13:19
27-Jul	19:05:31	19:38:26	00:32:55
28-Jul	05:13:43	05:23:56	00:10:14
28-Jul	19:04:24	19:35:45	00:31:21
29-Jul	05:14:11	05:21:03	00:06:52
29-Jul	19:01:51	19:31:18	00:29:27
29-Jul	19:32:43	19:36:02	00:03:19
30-Jul	05:15:34	05:17:59	00:02:25
30-Jul	18:59:56	19:31:56	00:32:01
30-Jul	19:35:45	19:36:14	00:00:30
31-Jul	18:58:43	19:32:27	00:33:44
01-Aug	18:57:09	19:32:51	00:35:42
02-Aug	18:56:16	19:33:07	00:36:52
03-Aug	18:56:42	19:33:18	00:36:36
04-Aug	18:56:33	19:33:22	00:36:48
05-Aug	18:55:30	19:33:19	00:37:49
06-Aug	18:54:55	19:33:10	00:38:14
07-Aug	18:54:24	19:32:53	00:38:29
08-Aug	18:53:37	19:32:29	00:38:52
09-Aug	18:57:14	19:21:05	00:23:51
09-Aug	19:24:36	19:31:29	00:06:53
10-Aug	18:40:38	18:49:05	00:08:27
10-Aug	19:01:09	19:21:11	00:20:03
10-Aug	19:28:53	19:29:42	00:00:49
11-Aug	18:37:33	18:52:03	00:14:29
11-Aug	19:05:17	19:21:10	00:15:54
12-Aug	18:35:34	18:53:53	00:18:19
12-Aug	19:09:39	19:21:02	00:11:23
13-Aug	18:35:48	18:55:13	00:19:25
13-Aug	19:14:17	19:19:24	00:05:07
14-Aug	18:33:10	18:56:14	00:23:04
15-Aug	18:27:25	18:57:03	00:29:38
16-Aug	18:24:40	18:55:41	00:31:02
17-Aug	18:22:10	18:53:27	00:31:18
18-Aug	18:20:51	18:54:06	00:33:15
19-Aug	18:19:35	18:54:34	00:34:59
20-Aug	18:18:04	18:46:47	00:28:43
20-Aug	18:51:58	18:54:52	00:02:54
21-Aug	18:13:29	18:47:20	00:33:50
22-Aug	18:10:35	18:45:39	00:35:04
23-Aug	18:08:08	18:30:17	00:22:09

23-Aug	18:35:06	18:45:01	00:09:55
24-Aug	18:05:55	18:31:28	00:25:33
24-Aug	18:42:06	18:45:16	00:03:10
25-Aug	18:04:09	18:32:22	00:28:14
26-Aug	18:02:40	18:33:04	00:30:24
27-Aug	18:01:25	18:33:34	00:32:09
28-Aug	18:00:22	18:33:54	00:33:33
29-Aug	17:59:27	18:34:05	00:34:37
30-Aug	17:58:42	18:34:06	00:35:25
31-Aug	17:58:22	18:33:59	00:35:38
01-Sep	17:57:48	18:33:45	00:35:57
02-Sep	17:58:13	18:31:07	00:32:54
03-Sep	18:08:36	18:30:45	00:22:09
04-Sep	18:20:12	18:30:15	00:10:02
28-Oct	16:08:40	16:19:20	00:10:40
29-Oct	16:05:49	16:21:14	00:15:24
30-Oct	16:02:44	16:22:30	00:19:46
31-Oct	16:00:49	16:23:25	00:22:36
01-Nov	15:58:03	16:24:07	00:26:04
02-Nov	15:55:36	16:24:37	00:29:01
03-Nov	15:54:02	16:24:57	00:30:54
04-Nov	15:52:56	16:25:08	00:32:12
05-Nov	15:52:08	16:25:11	00:33:03
06-Nov	15:51:27	16:25:06	00:33:39
07-Nov	15:50:58	16:24:54	00:33:56
08-Nov	15:50:39	16:24:34	00:33:55
09-Nov	15:50:29	16:24:05	00:33:36
10-Nov	15:50:28	16:23:26	00:32:58
11-Nov	15:50:34	16:22:35	00:32:01
12-Nov	15:50:48	16:21:27	00:30:39
13-Nov	15:51:10	16:19:55	00:28:45
14-Nov	15:51:39	16:18:11	00:26:32
15-Nov	15:52:16	16:16:52	00:24:36
16-Nov	15:53:00	16:15:19	00:22:19
17-Nov	15:21:25	15:30:39	00:09:14
17-Nov	15:53:54	16:13:47	00:19:52
18-Nov	15:18:56	15:32:53	00:13:57
18-Nov	15:54:59	16:12:20	00:17:21
19-Nov	15:17:25	15:34:30	00:17:05
19-Nov	15:56:17	16:10:57	00:14:40
20-Nov	15:16:24	15:35:48	00:19:24
20-Nov	15:57:56	16:09:43	00:11:47
21-Nov	15:11:59	15:36:53	00:24:55
21-Nov	16:00:13	16:07:54	00:07:41
22-Nov	15:09:50	15:37:50	00:27:59
23-Nov	15:08:10	15:38:40	00:30:30
24-Nov	15:07:06	15:39:25	00:32:19
25-Nov	15:06:23	15:40:06	00:33:43
26-Nov	15:05:52	15:40:43	00:34:51
27-Nov	15:05:31	15:41:17	00:35:46

28-Nov	15:05:18	15:41:48	00:36:30
29-Nov	15:05:11	15:42:17	00:37:06
30-Nov	15:05:09	15:42:43	00:37:35
01-Dec	15:05:09	15:43:08	00:37:59
02-Dec	15:05:13	15:43:32	00:38:19
03-Dec	15:05:21	15:43:54	00:38:33
04-Dec	15:05:32	15:44:15	00:38:43
05-Dec	15:05:46	15:44:35	00:38:49
06-Dec	15:06:02	15:44:55	00:38:53
07-Dec	15:06:21	15:45:14	00:38:53
08-Dec	15:06:42	15:45:33	00:38:51
09-Dec	15:07:04	15:45:52	00:38:48
10-Dec	15:07:28	15:46:11	00:38:43
11-Dec	15:07:53	15:46:31	00:38:38
12-Dec	15:08:19	15:46:51	00:38:32
13-Dec	15:08:47	15:47:12	00:38:25
14-Dec	15:09:15	15:47:33	00:38:18
15-Dec	15:09:43	15:47:55	00:38:12
16-Dec	15:10:12	15:48:19	00:38:06
17-Dec	15:10:42	15:48:43	00:38:01
18-Dec	15:11:11	15:49:09	00:37:57
19-Dec	15:11:41	15:49:35	00:37:54
20-Dec	15:12:11	15:50:03	00:37:52
21-Dec	15:12:41	15:50:33	00:37:51
22-Dec	15:13:11	15:51:03	00:37:52
23-Dec	15:13:41	15:51:35	00:37:54
24-Dec	15:14:11	15:52:08	00:37:57
25-Dec	15:14:41	15:52:42	00:38:01
26-Dec	15:15:11	15:53:17	00:38:06
27-Dec	15:15:40	15:53:52	00:38:12
28-Dec	15:16:10	15:54:28	00:38:18
29-Dec	15:16:40	15:55:05	00:38:25
30-Dec	15:17:10	15:55:41	00:38:31
31-Dec	15:17:40	15:56:18	00:38:38

Turbine 10

Day-Month	Start Time	End Time	Duration
12-Jan	16:18:21	16:25:50	00:07:29
13-Jan	16:16:24	16:28:34	00:12:11
14-Jan	16:15:08	16:30:37	00:15:29
15-Jan	16:14:10	16:32:20	00:18:10
16-Jan	16:13:23	16:33:54	00:20:31
17-Jan	16:12:44	16:35:38	00:22:54
18-Jan	16:12:11	16:37:19	00:25:09
19-Jan	16:11:43	16:38:48	00:27:05
20-Jan	16:11:19	16:40:06	00:28:47
21-Jan	16:10:59	16:42:46	00:31:47
22-Jan	16:10:43	16:45:04	00:34:21
23-Jan	16:10:30	16:46:52	00:36:22
24-Jan	16:10:20	16:48:50	00:38:29

25-Jan	16:10:14	16:50:37	00:40:23
26-Jan	16:10:10	16:52:06	00:41:56
27-Jan	16:10:10	16:53:22	00:43:12
28-Jan	16:10:14	16:54:28	00:44:15
29-Jan	16:10:20	16:55:25	00:45:05
30-Jan	16:10:30	16:56:14	00:45:43
31-Jan	16:10:45	16:56:55	00:46:11
01-Feb	16:11:03	16:57:30	00:46:27
02-Feb	16:11:25	16:57:58	00:46:32
03-Feb	16:11:53	16:58:19	00:46:26
04-Feb	16:12:26	16:58:33	00:46:07
05-Feb	16:13:06	16:58:41	00:45:35
06-Feb	16:13:53	16:58:42	00:44:49
07-Feb	16:14:47	16:58:35	00:43:48
08-Feb	16:15:45	16:58:21	00:42:37
09-Feb	16:16:54	16:57:59	00:41:05
10-Feb	16:18:20	16:57:28	00:39:08
11-Feb	16:20:11	16:56:46	00:36:36
12-Feb	16:22:49	16:55:54	00:33:05
13-Feb	16:26:11	16:54:49	00:28:38
13-Feb	17:16:41	17:27:08	00:10:27
14-Feb	16:31:01	16:53:27	00:22:26
14-Feb	17:14:06	17:29:41	00:15:35
15-Feb	16:33:03	16:51:38	00:18:35
15-Feb	17:12:21	17:31:35	00:19:14
16-Feb	16:36:21	16:49:03	00:12:42
16-Feb	17:11:01	17:33:21	00:22:19
17-Feb	17:09:59	17:35:28	00:25:28
18-Feb	17:09:10	17:37:24	00:28:14
19-Feb	17:08:32	17:39:04	00:30:32
20-Feb	17:08:04	17:40:56	00:32:52
21-Feb	17:07:45	17:42:22	00:34:38
22-Feb	17:07:35	17:43:24	00:35:49
23-Feb	17:07:33	17:44:07	00:36:33
24-Feb	17:07:42	17:44:35	00:36:54
25-Feb	17:07:59	17:44:51	00:36:51
26-Feb	17:08:30	17:44:54	00:36:24
27-Feb	17:09:14	17:44:46	00:35:33
28-Feb	17:10:06	17:44:27	00:34:21
29-Feb	17:11:14	17:43:56	00:32:42
01-Mar	17:12:51	17:43:12	00:30:21
02-Mar	17:15:25	17:42:13	00:26:49
03-Mar	17:17:54	17:40:57	00:23:03
04-Mar	17:19:56	17:39:20	00:19:24
05-Mar	17:23:29	17:37:05	00:13:36
06-Mar	17:26:57	17:33:12	00:06:15
10-May	19:49:41	19:50:15	00:00:34
11-May	19:46:16	19:51:45	00:05:29
12-May	19:43:01	19:52:49	00:09:48
13-May	19:39:57	19:53:43	00:13:47

14-May	19:37:02	19:55:27	00:18:25
15-May	19:34:17	19:56:15	00:21:57
16-May	19:31:42	19:56:55	00:25:14
17-May	19:29:14	19:57:31	00:28:16
18-May	19:26:56	19:58:01	00:31:06
19-May	19:24:45	19:58:28	00:33:43
19-May	20:00:15	20:04:39	00:04:24
20-May	19:22:47	20:05:33	00:42:46
21-May	19:22:41	20:06:20	00:43:39
22-May	19:22:38	20:07:01	00:44:23
22-May	20:07:37	20:08:20	00:00:43
23-May	19:22:38	20:09:08	00:46:30
24-May	19:22:41	20:10:25	00:47:44
25-May	19:22:46	20:11:05	00:48:19
26-May	19:22:54	20:11:41	00:48:47
27-May	19:23:04	20:12:14	00:49:09
28-May	19:23:16	20:12:43	00:49:27
29-May	19:23:30	20:13:09	00:49:39
30-May	19:23:46	20:13:34	00:49:48
31-May	19:24:03	20:13:56	00:49:53
01-Jun	19:24:21	20:14:16	00:49:55
01-Jun	20:19:08	20:20:45	00:01:37
02-Jun	19:24:41	20:14:35	00:49:55
02-Jun	20:17:57	20:21:17	00:03:21
03-Jun	19:25:01	20:14:53	00:49:52
03-Jun	20:16:50	20:21:46	00:04:56
04-Jun	19:25:20	20:15:09	00:49:49
04-Jun	20:15:50	20:22:13	00:06:23
05-Jun	19:25:40	20:23:33	00:57:53
06-Jun	19:26:01	20:23:59	00:57:59
07-Jun	19:26:21	20:24:49	00:58:28
08-Jun	19:26:43	20:25:13	00:58:30
09-Jun	19:27:04	20:25:35	00:58:31
10-Jun	19:27:25	20:25:56	00:58:31
11-Jun	19:27:46	20:26:15	00:58:30
12-Jun	19:28:06	20:26:34	00:58:28
13-Jun	19:28:27	20:26:52	00:58:25
14-Jun	19:28:46	20:27:09	00:58:23
15-Jun	19:29:05	20:27:25	00:58:20
16-Jun	19:29:23	20:27:41	00:58:18
17-Jun	19:29:40	20:27:56	00:58:16
18-Jun	19:29:56	20:28:11	00:58:15
19-Jun	19:30:11	20:28:25	00:58:13
20-Jun	19:30:25	20:28:38	00:58:13
21-Jun	19:30:38	20:28:51	00:58:13
22-Jun	19:30:50	20:29:04	00:58:14
23-Jun	19:31:01	20:29:15	00:58:15
24-Jun	19:31:10	20:29:27	00:58:16
25-Jun	19:31:18	20:29:37	00:58:18
26-Jun	19:31:26	20:29:46	00:58:21

27-Jun	19:31:32	20:29:55	00:58:23
28-Jun	19:31:37	20:30:03	00:58:26
29-Jun	19:31:41	20:30:09	00:58:28
30-Jun	19:31:45	20:30:14	00:58:29
01-Jul	19:31:48	20:30:18	00:58:30
02-Jul	19:31:50	20:30:20	00:58:30
03-Jul	19:31:51	20:30:20	00:58:29
04-Jul	19:31:52	20:30:18	00:58:26
05-Jul	19:31:53	20:29:50	00:57:57
06-Jul	19:31:53	20:28:49	00:56:56
06-Jul	20:29:19	20:29:39	00:00:19
07-Jul	19:31:53	20:21:43	00:49:50
07-Jul	20:22:40	20:28:44	00:06:04
08-Jul	19:31:54	20:21:46	00:49:52
08-Jul	20:24:01	20:28:36	00:04:36
09-Jul	19:31:52	20:21:47	00:49:55
09-Jul	20:25:26	20:28:26	00:02:59
10-Jul	19:31:51	20:21:45	00:49:55
10-Jul	20:26:57	20:28:11	00:01:14
11-Jul	19:31:50	20:21:42	00:49:52
12-Jul	19:31:49	20:21:35	00:49:46
13-Jul	19:31:49	20:21:26	00:49:37
14-Jul	19:31:50	20:21:13	00:49:23
15-Jul	19:31:52	20:20:57	00:49:06
16-Jul	19:31:54	20:20:37	00:48:42
17-Jul	19:31:58	20:20:11	00:48:13
18-Jul	19:32:03	20:19:41	00:47:38
19-Jul	19:32:10	20:18:33	00:46:23
20-Jul	19:32:18	20:16:36	00:44:18
20-Jul	20:17:33	20:17:53	00:00:20
21-Jul	19:32:29	20:16:02	00:43:33
22-Jul	19:32:48	20:15:21	00:42:32
23-Jul	19:34:57	20:08:24	00:33:28
23-Jul	20:10:28	20:13:25	00:02:57
23-Jul	20:13:33	20:14:31	00:00:58
24-Jul	19:37:11	20:08:01	00:30:50
25-Jul	19:39:32	20:07:33	00:28:01
26-Jul	19:41:59	20:06:59	00:24:59
27-Jul	19:44:35	20:06:19	00:21:44
28-Jul	19:47:18	20:05:31	00:18:13
29-Jul	19:50:09	20:03:45	00:13:37
30-Jul	19:53:08	20:02:48	00:09:40
31-Jul	19:56:16	20:01:40	00:05:23
01-Aug	19:59:34	20:00:05	00:00:31
06-Oct	17:03:59	17:09:45	00:05:45
07-Oct	16:59:55	17:13:14	00:13:18
08-Oct	16:55:55	17:14:59	00:19:04
09-Oct	16:53:20	17:16:07	00:22:48
10-Oct	16:50:32	17:16:55	00:26:23
11-Oct	16:47:29	17:17:27	00:29:59

12-Oct	16:45:20	17:17:46	00:32:25
13-Oct	16:43:44	17:17:52	00:34:08
14-Oct	16:42:27	17:17:48	00:35:21
15-Oct	16:41:18	17:17:34	00:36:17
16-Oct	16:40:23	17:17:10	00:36:47
17-Oct	16:39:42	17:16:36	00:36:54
18-Oct	16:39:12	17:15:51	00:36:39
19-Oct	16:38:52	17:14:53	00:36:01
20-Oct	16:38:42	17:13:40	00:34:58
21-Oct	16:38:42	17:12:05	00:33:22
22-Oct	16:38:52	17:10:02	00:31:09
23-Oct	16:39:13	17:08:12	00:28:58
24-Oct	16:39:46	17:06:02	00:26:15
25-Oct	16:07:33	16:17:38	00:10:05
25-Oct	16:40:32	17:03:53	00:23:21
26-Oct	16:03:50	16:20:34	00:16:44
26-Oct	16:41:35	17:01:57	00:20:22
27-Oct	16:01:21	16:22:26	00:21:05
27-Oct	16:43:01	16:59:54	00:16:53
28-Oct	15:57:53	16:23:50	00:25:58
28-Oct	16:45:06	16:57:40	00:12:34
29-Oct	15:53:43	16:24:56	00:31:13
29-Oct	16:49:15	16:53:21	00:04:06
30-Oct	15:50:35	16:25:48	00:35:13
31-Oct	15:48:27	16:26:32	00:38:05
01-Nov	15:46:52	16:27:06	00:40:15
02-Nov	15:45:37	16:27:33	00:41:56
03-Nov	15:44:38	16:27:54	00:43:16
04-Nov	15:43:48	16:28:08	00:44:20
05-Nov	15:43:03	16:28:16	00:45:13
06-Nov	15:42:27	16:28:19	00:45:52
07-Nov	15:42:00	16:28:17	00:46:17
08-Nov	15:41:41	16:28:11	00:46:30
09-Nov	15:41:28	16:27:59	00:46:31
10-Nov	15:41:22	16:27:43	00:46:21
11-Nov	15:41:21	16:27:21	00:45:59
12-Nov	15:41:26	16:26:54	00:45:28
13-Nov	15:41:37	16:26:22	00:44:45
14-Nov	15:41:52	16:25:43	00:43:50
15-Nov	15:42:13	16:24:56	00:42:43
16-Nov	15:42:38	16:23:59	00:41:21
17-Nov	15:43:08	16:22:50	00:39:42
18-Nov	15:43:43	16:21:22	00:37:38
19-Nov	15:44:23	16:20:03	00:35:41
20-Nov	15:45:07	16:18:38	00:33:30
21-Nov	15:45:57	16:16:35	00:30:39
22-Nov	15:46:51	16:15:06	00:28:14
23-Nov	15:47:51	16:14:20	00:26:28
24-Nov	15:48:57	16:13:25	00:24:28
25-Nov	15:50:10	16:12:17	00:22:07

26-Nov	15:51:31	16:11:18	00:19:47
27-Nov	15:53:01	16:10:25	00:17:24
28-Nov	15:54:45	16:09:20	00:14:35
29-Nov	15:56:53	16:07:54	00:11:01
30-Nov	16:00:01	16:05:27	00:05:26

Turbine 11

Day-Month	Start Time	End Time	Duration
16-Feb	17:26:02	17:34:33	00:08:31
17-Feb	17:21:47	17:38:42	00:16:56
18-Feb	17:19:09	17:41:11	00:22:02
19-Feb	17:17:09	17:43:04	00:25:55
20-Feb	17:15:32	17:44:50	00:29:19
21-Feb	17:14:10	17:46:29	00:32:19
22-Feb	17:13:01	17:47:46	00:34:46
23-Feb	17:12:02	17:48:48	00:36:47
24-Feb	17:11:11	17:49:37	00:38:26
25-Feb	17:10:29	17:50:15	00:39:47
26-Feb	17:09:54	17:50:44	00:40:50
27-Feb	17:09:25	17:51:03	00:41:38
28-Feb	17:09:04	17:51:14	00:42:10
29-Feb	17:08:49	17:51:17	00:42:28
01-Mar	17:08:40	17:51:12	00:42:32
02-Mar	17:08:38	17:50:59	00:42:21
03-Mar	17:08:43	17:50:39	00:41:56
04-Mar	17:08:56	17:50:11	00:41:15
05-Mar	17:09:16	17:49:34	00:40:18
06-Mar	17:09:46	17:48:49	00:39:03
07-Mar	17:10:25	17:47:54	00:37:28
08-Mar	17:11:14	17:46:48	00:35:34
09-Mar	17:12:05	17:45:30	00:33:25
10-Mar	17:13:11	17:44:00	00:30:50
11-Mar	17:14:36	17:42:14	00:27:38
12-Mar	17:16:31	17:40:02	00:23:31
12-Mar	18:15:43	18:20:29	00:04:45
13-Mar	17:19:20	17:37:11	00:17:50
13-Mar	18:11:27	18:24:12	00:12:45
14-Mar	17:23:27	17:32:39	00:09:12
14-Mar	18:09:08	18:26:07	00:16:59
15-Mar	18:07:28	18:28:10	00:20:42
16-Mar	18:06:12	18:29:44	00:23:32
17-Mar	18:05:14	18:30:42	00:25:28
18-Mar	18:04:30	18:31:16	00:26:46
19-Mar	18:03:59	18:31:33	00:27:34
20-Mar	18:03:41	18:31:35	00:27:54
21-Mar	18:03:35	18:31:23	00:27:49
21-Mar	18:33:58	18:36:42	00:02:44
22-Mar	18:03:42	18:40:34	00:36:53
23-Mar	18:04:03	18:42:21	00:38:18
24-Mar	18:04:42	18:43:35	00:38:53

25-Mar	18:05:36	18:44:17	00:38:41
26-Mar	18:06:48	18:44:38	00:37:49
27-Mar	18:08:47	18:44:41	00:35:53
28-Mar	18:13:16	18:21:30	00:08:14
28-Mar	18:23:13	18:44:29	00:21:16
29-Mar	18:23:13	18:44:02	00:20:50
30-Mar	18:23:28	18:43:21	00:19:53
31-Mar	18:24:03	18:42:22	00:18:19
01-Apr	18:24:57	18:41:02	00:16:04
02-Apr	18:26:14	18:39:14	00:12:59
03-Apr	18:28:43	18:36:23	00:07:40
08-Sep	18:21:30	18:32:06	00:10:36
09-Sep	18:19:07	18:33:40	00:14:33
10-Sep	18:17:28	18:34:33	00:17:06
11-Sep	18:16:01	18:35:04	00:19:03
12-Sep	18:14:56	18:35:16	00:20:20
13-Sep	18:14:08	18:35:12	00:21:04
14-Sep	18:01:35	18:13:12	00:11:37
14-Sep	18:13:35	18:34:53	00:21:18
15-Sep	17:57:40	18:34:20	00:36:40
16-Sep	17:55:22	18:33:32	00:38:09
17-Sep	17:53:41	18:32:26	00:38:45
18-Sep	17:52:10	18:30:56	00:38:46
19-Sep	17:50:58	18:28:51	00:37:53
20-Sep	17:50:01	18:26:18	00:36:17
21-Sep	17:49:19	18:17:12	00:27:53
22-Sep	17:48:48	18:16:41	00:27:52
23-Sep	17:48:31	18:15:57	00:27:27
24-Sep	17:48:25	18:14:59	00:26:34
25-Sep	17:48:33	18:13:43	00:25:10
26-Sep	17:48:55	18:12:03	00:23:08
27-Sep	17:49:36	18:09:47	00:20:11
28-Sep	17:04:22	17:14:30	00:10:08
28-Sep	17:50:42	18:07:07	00:16:25
29-Sep	16:59:54	17:18:09	00:18:15
29-Sep	17:52:29	18:04:37	00:12:07
30-Sep	16:56:35	17:20:19	00:23:45
30-Sep	17:56:56	17:59:31	00:02:35
01-Oct	16:54:08	17:21:52	00:27:45
02-Oct	16:52:09	17:23:02	00:30:53
03-Oct	16:50:31	17:23:56	00:33:26
04-Oct	16:49:07	17:24:40	00:35:33
05-Oct	16:47:46	17:25:12	00:37:26
06-Oct	16:46:35	17:25:35	00:38:59
07-Oct	16:45:34	17:25:49	00:40:14
08-Oct	16:44:43	17:25:55	00:41:12
09-Oct	16:44:01	17:25:54	00:41:53
10-Oct	16:43:26	17:25:46	00:42:20
11-Oct	16:42:59	17:25:32	00:42:32
12-Oct	16:42:40	17:25:11	00:42:30

13-Oct	16:42:29	17:24:43	00:42:14
14-Oct	16:42:24	17:24:09	00:41:45
15-Oct	16:42:28	17:23:28	00:41:00
16-Oct	16:42:39	17:22:39	00:40:00
17-Oct	16:42:58	17:21:42	00:38:44
18-Oct	16:43:26	17:20:36	00:37:10
19-Oct	16:44:03	17:19:19	00:35:16
20-Oct	16:44:51	17:17:49	00:32:58
21-Oct	16:45:52	17:16:01	00:30:09
22-Oct	16:47:09	17:14:03	00:26:54
23-Oct	16:48:47	17:11:59	00:23:13
24-Oct	16:50:57	17:09:34	00:18:37
25-Oct	16:54:14	17:06:03	00:11:49

Turbine 12

Day-Month	Start Time	End Time	Duration
01-Jan	15:28:07	15:58:57	00:30:50
02-Jan	15:28:45	15:59:18	00:30:33
03-Jan	15:29:24	15:59:38	00:30:14
04-Jan	15:30:05	15:59:56	00:29:51
05-Jan	15:30:46	16:00:11	00:29:25
06-Jan	15:31:28	16:00:25	00:28:57
07-Jan	15:32:11	16:00:35	00:28:24
08-Jan	15:32:57	16:00:43	00:27:47
09-Jan	15:33:45	16:01:56	00:28:11
10-Jan	15:34:36	16:04:48	00:30:12
11-Jan	15:35:30	16:04:46	00:29:15
12-Jan	15:36:29	16:04:39	00:28:10
13-Jan	15:37:32	16:04:27	00:26:55
14-Jan	15:38:42	16:04:09	00:25:27
15-Jan	15:40:01	16:03:43	00:23:43
16-Jan	15:41:31	16:03:08	00:21:37
17-Jan	15:43:19	16:02:21	00:19:02
18-Jan	15:45:11	16:01:16	00:16:05
19-Jan	15:47:20	15:59:42	00:12:22
20-Jan	15:50:43	15:56:53	00:06:10
03-Mar	17:53:40	18:04:54	00:11:14
04-Mar	17:51:23	18:06:49	00:15:26
05-Mar	17:49:49	18:08:20	00:18:31
06-Mar	17:48:39	18:09:20	00:20:41
07-Mar	17:47:47	18:09:56	00:22:08
08-Mar	17:47:10	18:10:14	00:23:03
09-Mar	17:46:47	18:10:16	00:23:30
10-Mar	17:46:36	18:10:05	00:23:29
11-Mar	17:46:39	18:09:40	00:23:00
12-Mar	17:46:57	18:08:59	00:22:03
13-Mar	17:47:33	18:08:04	00:20:31
14-Mar	17:48:25	18:06:48	00:18:23
15-Mar	17:49:38	18:05:08	00:15:31
16-Mar	17:51:43	18:02:45	00:11:02

25-Sep	17:38:23	17:42:01	00:03:38
26-Sep	17:33:54	17:45:45	00:11:51
27-Sep	17:31:23	17:47:20	00:15:57
28-Sep	17:29:39	17:48:18	00:18:40
29-Sep	17:28:12	17:48:54	00:20:43
30-Sep	17:27:03	17:49:12	00:22:09
01-Oct	17:26:11	17:49:15	00:23:04
02-Oct	17:25:34	17:49:04	00:23:30
03-Oct	17:25:11	17:48:40	00:23:30
04-Oct	17:25:01	17:48:04	00:23:03
05-Oct	17:25:05	17:47:13	00:22:08
06-Oct	17:25:24	17:46:05	00:20:42
07-Oct	17:26:01	17:44:36	00:18:35
08-Oct	17:27:03	17:42:37	00:15:34
09-Oct	17:28:45	17:40:16	00:11:31
10-Oct	17:32:53	17:35:36	00:02:43
22-Nov	15:24:53	15:33:26	00:08:34
23-Nov	15:22:40	15:36:15	00:13:35
24-Nov	15:21:18	15:38:15	00:16:57
25-Nov	15:20:02	15:39:51	00:19:49
26-Nov	15:19:00	15:41:14	00:22:14
27-Nov	15:18:15	15:42:27	00:24:12
28-Nov	15:17:42	15:43:33	00:25:51
29-Nov	15:17:17	15:44:33	00:27:16
30-Nov	15:17:00	15:45:28	00:28:28
01-Dec	15:16:49	15:46:19	00:29:30
02-Dec	15:16:43	15:47:05	00:30:22
03-Dec	15:16:42	15:45:04	00:28:22
04-Dec	15:16:44	15:44:40	00:27:56
05-Dec	15:16:50	15:45:22	00:28:32
06-Dec	15:16:58	15:46:02	00:29:04
07-Dec	15:17:10	15:46:41	00:29:31
08-Dec	15:17:23	15:47:19	00:29:56
09-Dec	15:17:37	15:47:55	00:30:18
10-Dec	15:17:53	15:48:30	00:30:37
11-Dec	15:18:11	15:49:05	00:30:54
12-Dec	15:18:31	15:49:39	00:31:08
13-Dec	15:18:53	15:50:12	00:31:19
14-Dec	15:19:15	15:50:45	00:31:29
15-Dec	15:19:40	15:51:17	00:31:37
16-Dec	15:20:05	15:51:49	00:31:44
17-Dec	15:20:31	15:52:20	00:31:49
18-Dec	15:20:58	15:52:51	00:31:53
19-Dec	15:21:26	15:53:22	00:31:56
20-Dec	15:21:55	15:53:53	00:31:57
21-Dec	15:22:25	15:54:23	00:31:58
22-Dec	15:22:55	15:54:53	00:31:57
23-Dec	15:23:26	15:55:22	00:31:56
24-Dec	15:23:58	15:55:51	00:31:53
25-Dec	15:24:30	15:56:19	00:31:49

26-Dec	15:25:03	15:56:47	00:31:44
27-Dec	15:25:36	15:57:14	00:31:38
28-Dec	15:26:11	15:57:40	00:31:30
29-Dec	15:26:46	15:58:05	00:31:20
30-Dec	15:27:21	15:58:29	00:31:08
31-Dec	15:27:58	15:58:52	00:30:54

Turbine 13

Day-Month	Start Time	End Time	Duration
01-Jan	15:39:53	16:17:56	00:38:03
02-Jan	15:40:13	16:18:37	00:38:23
03-Jan	15:40:33	16:19:17	00:38:44
04-Jan	15:40:53	16:19:57	00:39:05
05-Jan	15:41:12	16:20:38	00:39:26
06-Jan	15:41:30	16:21:17	00:39:47
07-Jan	15:41:49	16:21:56	00:40:07
08-Jan	15:42:08	16:22:34	00:40:27
09-Jan	15:42:26	16:23:11	00:40:45
10-Jan	15:42:45	16:23:47	00:41:02
11-Jan	15:43:04	16:24:22	00:41:17
12-Jan	15:43:23	16:24:54	00:41:31
13-Jan	08:33:06	08:40:14	00:07:07
13-Jan	15:43:42	16:25:25	00:41:43
14-Jan	08:30:21	08:43:42	00:13:22
14-Jan	15:44:01	16:25:55	00:41:53
15-Jan	08:28:37	08:46:08	00:17:31
15-Jan	15:44:21	16:26:21	00:42:00
16-Jan	08:27:17	08:48:08	00:20:51
16-Jan	15:44:42	16:26:46	00:42:04
17-Jan	08:26:11	08:49:53	00:23:42
17-Jan	15:45:05	16:27:08	00:42:03
18-Jan	08:25:14	08:51:27	00:26:13
18-Jan	15:45:28	16:27:27	00:41:59
19-Jan	08:24:15	08:52:53	00:28:38
19-Jan	15:45:53	16:27:44	00:41:50
20-Jan	08:23:13	08:54:12	00:30:59
20-Jan	15:46:20	16:27:57	00:41:37
21-Jan	08:22:19	08:55:14	00:32:55
21-Jan	15:46:49	16:28:07	00:41:18
22-Jan	08:21:32	08:52:35	00:31:03
22-Jan	15:47:20	16:28:13	00:40:53
23-Jan	08:20:50	08:53:47	00:32:57
23-Jan	15:47:53	16:28:15	00:40:22
24-Jan	08:20:13	08:54:54	00:34:42
24-Jan	15:48:30	16:28:13	00:39:43
25-Jan	08:19:39	08:55:52	00:36:13
25-Jan	15:49:09	16:28:06	00:38:57
26-Jan	08:19:09	08:56:17	00:37:08
26-Jan	15:49:53	16:27:54	00:38:02
27-Jan	08:18:43	08:57:03	00:38:19

27-Jan	15:50:40	16:31:34	00:40:54
28-Jan	08:18:20	08:57:44	00:39:24
28-Jan	15:51:33	16:31:10	00:39:38
29-Jan	08:17:59	08:58:21	00:40:22
29-Jan	15:52:31	16:30:42	00:38:11
30-Jan	08:17:41	08:58:53	00:41:12
30-Jan	15:53:37	16:30:07	00:36:30
31-Jan	08:17:26	08:59:27	00:42:00
31-Jan	15:54:51	16:29:23	00:34:32
01-Feb	08:17:15	09:00:58	00:43:44
01-Feb	15:56:17	16:28:29	00:32:12
02-Feb	08:17:06	09:04:00	00:46:54
02-Feb	15:57:59	16:27:23	00:29:24
03-Feb	08:17:01	09:04:15	00:47:13
03-Feb	16:00:06	16:26:01	00:25:55
04-Feb	08:16:59	09:04:24	00:47:25
04-Feb	16:03:00	16:24:17	00:21:17
05-Feb	08:17:01	09:04:29	00:47:28
05-Feb	16:05:33	16:21:57	00:16:24
06-Feb	08:17:06	09:04:29	00:47:23
06-Feb	16:09:31	16:18:05	00:08:34
06-Feb	17:04:37	17:16:07	00:11:30
07-Feb	08:17:14	09:04:24	00:47:09
07-Feb	17:01:43	17:19:11	00:17:28
08-Feb	08:17:27	09:04:13	00:46:46
08-Feb	16:59:43	17:21:18	00:21:35
09-Feb	08:17:44	09:03:56	00:46:12
09-Feb	16:58:10	17:23:08	00:24:59
10-Feb	08:18:05	09:03:33	00:45:28
10-Feb	16:56:53	17:24:45	00:27:52
11-Feb	07:56:55	08:06:16	00:09:21
11-Feb	08:18:31	09:03:04	00:44:33
11-Feb	16:55:50	17:26:18	00:30:28
12-Feb	07:53:09	08:10:02	00:16:54
12-Feb	08:19:03	09:02:28	00:43:25
12-Feb	16:54:56	17:27:36	00:32:40
13-Feb	07:50:44	08:12:24	00:21:41
13-Feb	08:19:40	09:01:43	00:42:03
13-Feb	16:54:11	17:28:40	00:34:28
14-Feb	07:48:46	08:14:12	00:25:26
14-Feb	08:20:24	09:00:50	00:40:26
14-Feb	16:53:34	17:29:31	00:35:57
15-Feb	07:47:06	08:15:37	00:28:31
15-Feb	08:21:16	08:59:46	00:38:30
15-Feb	16:53:04	17:30:13	00:37:09
16-Feb	07:45:28	08:16:46	00:31:18
16-Feb	08:22:17	08:58:31	00:36:14
16-Feb	16:52:39	17:30:45	00:38:05
17-Feb	07:44:07	08:17:43	00:33:36
17-Feb	08:23:29	08:56:59	00:33:30

17-Feb	16:52:21	17:31:08	00:38:47
18-Feb	07:42:59	08:18:31	00:35:32
18-Feb	08:24:57	08:55:08	00:30:12
18-Feb	16:52:09	17:31:24	00:39:14
19-Feb	07:42:00	08:19:09	00:37:08
19-Feb	08:26:44	08:53:08	00:26:23
19-Feb	16:52:04	17:31:31	00:39:27
20-Feb	07:41:11	08:19:38	00:38:27
20-Feb	08:28:54	08:50:51	00:21:58
20-Feb	16:52:04	17:31:31	00:39:26
21-Feb	07:40:30	08:19:58	00:39:29
21-Feb	08:31:50	08:47:44	00:15:54
21-Feb	16:52:11	17:31:22	00:39:11
22-Feb	07:39:55	08:20:11	00:40:16
22-Feb	08:38:24	08:40:58	00:02:34
22-Feb	16:52:25	17:31:06	00:38:42
23-Feb	07:39:28	08:20:16	00:40:48
23-Feb	16:52:46	17:30:42	00:37:56
24-Feb	07:39:07	08:20:14	00:41:07
24-Feb	16:53:16	17:30:10	00:36:54
25-Feb	07:38:53	08:20:04	00:41:11
25-Feb	16:53:55	17:29:28	00:35:33
26-Feb	07:38:45	08:19:47	00:41:02
26-Feb	16:54:46	17:28:36	00:33:50
27-Feb	07:38:44	08:19:22	00:40:38
27-Feb	16:55:37	17:27:32	00:31:55
28-Feb	07:38:50	08:18:49	00:39:59
28-Feb	16:56:39	17:26:17	00:29:37
29-Feb	07:39:03	08:18:07	00:39:04
29-Feb	16:58:00	17:24:46	00:26:46
01-Mar	07:39:24	08:17:15	00:37:52
01-Mar	16:59:48	17:22:55	00:23:07
02-Mar	07:39:53	08:16:14	00:36:20
02-Mar	17:02:06	17:20:30	00:18:25
03-Mar	07:40:33	08:14:59	00:34:27
03-Mar	17:05:11	17:16:58	00:11:47
04-Mar	07:41:24	08:13:30	00:32:06
05-Mar	07:42:30	08:11:50	00:29:20
06-Mar	07:43:55	08:09:49	00:25:54
07-Mar	07:45:50	08:07:13	00:21:23
08-Mar	07:48:40	08:03:20	00:14:40
27-Mar	18:32:24	18:41:46	00:09:22
28-Mar	18:29:47	18:43:48	00:14:01
29-Mar	18:28:02	18:45:18	00:17:15
30-Mar	18:26:46	18:46:12	00:19:26
31-Mar	18:25:49	18:46:42	00:20:53
01-Apr	18:25:09	18:46:55	00:21:47
02-Apr	18:24:42	18:46:53	00:22:11
03-Apr	18:24:30	18:46:38	00:22:08
04-Apr	18:24:31	18:46:09	00:21:38

05-Apr	18:24:47	18:45:26	00:20:38
06-Apr	18:25:21	18:44:27	00:19:05
07-Apr	18:26:13	18:43:09	00:16:55
08-Apr	18:27:24	18:41:26	00:14:02
09-Apr	18:29:27	18:38:53	00:09:27
01-Sep	18:29:34	18:35:34	00:06:01
02-Sep	18:26:02	18:38:20	00:12:18
03-Sep	18:23:58	18:39:42	00:15:44
04-Sep	18:22:26	18:40:33	00:18:07
05-Sep	18:21:05	18:41:03	00:19:58
06-Sep	18:20:03	18:41:15	00:21:12
07-Sep	18:19:17	18:41:13	00:21:56
08-Sep	18:18:44	18:40:57	00:22:14
09-Sep	18:18:24	18:40:28	00:22:04
10-Sep	18:18:17	18:39:45	00:21:28
11-Sep	18:18:24	18:38:47	00:20:22
12-Sep	18:18:48	18:37:29	00:18:40
13-Sep	18:19:34	18:35:44	00:16:11
14-Sep	18:20:52	18:33:29	00:12:37
15-Sep	18:23:27	18:30:10	00:06:43
04-Oct	07:31:34	07:35:45	00:04:11
05-Oct	07:25:35	07:41:48	00:16:13
06-Oct	07:22:29	07:44:45	00:22:16
07-Oct	07:20:10	07:46:40	00:26:30
08-Oct	07:18:19	07:48:05	00:29:46
09-Oct	07:16:46	07:49:12	00:32:26
09-Oct	16:40:59	16:51:45	00:10:46
10-Oct	07:15:28	07:50:09	00:34:41
10-Oct	16:37:14	16:54:59	00:17:45
11-Oct	07:14:22	07:50:53	00:36:31
11-Oct	16:34:28	16:56:59	00:22:31
12-Oct	07:13:26	07:51:25	00:37:59
12-Oct	16:32:10	16:58:27	00:26:16
13-Oct	07:12:40	07:51:49	00:39:09
13-Oct	16:30:21	16:59:33	00:29:11
14-Oct	07:12:03	07:52:05	00:40:02
14-Oct	16:28:52	17:00:25	00:31:32
15-Oct	07:11:33	07:52:13	00:40:40
15-Oct	16:27:39	17:01:06	00:33:28
16-Oct	07:11:12	07:52:15	00:41:03
16-Oct	16:26:24	17:01:37	00:35:13
17-Oct	07:10:58	07:52:10	00:41:12
17-Oct	16:25:22	17:01:59	00:36:38
18-Oct	07:10:51	07:51:59	00:41:08
18-Oct	16:24:30	17:02:14	00:37:43
19-Oct	07:10:53	07:51:42	00:40:50
19-Oct	16:23:48	17:02:21	00:38:32
20-Oct	07:11:01	07:51:19	00:40:18
20-Oct	08:08:57	08:12:45	00:03:48
20-Oct	16:23:15	17:02:21	00:39:05

21-Oct	07:11:18	07:50:50	00:39:32
21-Oct	08:02:39	08:18:42	00:16:03
21-Oct	16:22:50	17:02:14	00:39:24
22-Oct	07:11:43	07:50:14	00:38:31
22-Oct	07:59:30	08:21:30	00:21:59
22-Oct	16:22:33	17:02:02	00:39:29
23-Oct	07:12:17	07:49:32	00:37:15
23-Oct	07:57:08	08:23:30	00:26:22
23-Oct	16:22:23	17:01:43	00:39:20
24-Oct	07:13:01	07:48:42	00:35:41
24-Oct	07:55:09	08:25:17	00:30:08
24-Oct	16:22:21	17:01:18	00:38:57
25-Oct	07:13:56	07:47:44	00:33:48
25-Oct	07:53:31	08:26:56	00:33:26
25-Oct	16:22:26	17:00:47	00:38:21
26-Oct	07:15:05	07:46:39	00:31:34
26-Oct	07:52:09	08:28:17	00:36:08
26-Oct	16:22:38	17:00:08	00:37:30
27-Oct	07:16:30	07:45:23	00:28:53
27-Oct	07:50:59	08:29:24	00:38:25
27-Oct	16:22:58	16:59:23	00:36:25
28-Oct	07:18:02	07:43:54	00:25:52
28-Oct	07:50:00	08:30:20	00:40:20
28-Oct	16:23:26	16:58:29	00:35:03
29-Oct	07:19:52	07:42:06	00:22:14
29-Oct	07:49:10	08:31:08	00:41:57
29-Oct	16:24:02	16:57:25	00:33:23
30-Oct	07:22:05	07:39:47	00:17:43
30-Oct	07:48:29	08:31:48	00:43:19
30-Oct	16:24:48	16:56:10	00:31:22
31-Oct	07:25:25	07:36:22	00:10:57
31-Oct	07:47:55	08:32:22	00:44:28
31-Oct	16:25:45	16:54:40	00:28:56
01-Nov	07:47:27	08:32:51	00:45:24
01-Nov	16:26:54	16:53:08	00:26:14
02-Nov	07:47:06	08:33:15	00:46:08
02-Nov	16:28:20	16:51:22	00:23:02
03-Nov	07:46:51	08:33:34	00:46:43
03-Nov	16:30:08	16:49:32	00:19:24
04-Nov	07:46:42	08:33:49	00:47:07
04-Nov	16:32:35	16:47:06	00:14:31
05-Nov	07:46:38	08:34:00	00:47:22
05-Nov	15:36:53	15:49:51	00:12:58
05-Nov	16:36:57	16:42:45	00:05:49
06-Nov	07:46:39	08:34:08	00:47:29
06-Nov	15:34:01	15:52:51	00:18:50
07-Nov	07:46:46	08:34:13	00:47:27
07-Nov	15:31:26	15:54:59	00:23:34
08-Nov	07:46:57	08:34:14	00:47:17
08-Nov	15:29:10	15:56:42	00:27:33

09-Nov	07:47:14	08:34:13	00:46:59
09-Nov	15:27:29	15:58:08	00:30:40
10-Nov	07:47:35	08:31:27	00:43:52
10-Nov	15:26:09	15:59:22	00:33:13
11-Nov	07:48:01	08:30:11	00:42:10
11-Nov	15:25:04	16:00:27	00:35:22
12-Nov	07:48:32	08:29:55	00:41:23
12-Nov	15:24:12	16:01:24	00:37:12
13-Nov	07:49:07	08:29:42	00:40:35
13-Nov	15:23:29	16:02:15	00:38:46
14-Nov	07:49:48	08:29:27	00:39:39
14-Nov	15:22:54	16:03:02	00:40:08
15-Nov	07:50:32	08:29:09	00:38:37
15-Nov	15:22:26	16:03:45	00:41:19
16-Nov	07:51:20	08:28:49	00:37:28
16-Nov	15:22:04	16:00:27	00:38:23
17-Nov	07:52:14	08:28:25	00:36:11
17-Nov	15:21:48	16:01:03	00:39:14
18-Nov	07:53:13	08:28:17	00:35:05
18-Nov	15:21:38	16:01:35	00:39:57
19-Nov	07:54:17	08:27:46	00:33:29
19-Nov	15:21:31	16:02:04	00:40:33
20-Nov	07:55:27	08:27:06	00:31:38
20-Nov	15:21:29	16:02:31	00:41:02
21-Nov	07:56:44	08:30:17	00:33:33
21-Nov	15:21:31	16:02:56	00:41:25
22-Nov	07:58:08	08:29:49	00:31:40
22-Nov	15:21:37	16:03:19	00:41:42
23-Nov	07:59:41	08:29:07	00:29:26
23-Nov	15:21:46	16:03:40	00:41:54
24-Nov	08:01:21	08:28:20	00:26:59
24-Nov	15:21:58	16:03:59	00:42:01
25-Nov	08:02:53	08:27:27	00:24:34
25-Nov	15:22:13	16:04:17	00:42:04
26-Nov	08:04:34	08:26:26	00:21:52
26-Nov	15:22:31	16:04:34	00:42:03
27-Nov	08:06:29	08:25:12	00:18:44
27-Nov	15:22:51	16:04:50	00:41:59
28-Nov	08:08:44	08:23:40	00:14:56
28-Nov	15:23:13	16:05:05	00:41:51
29-Nov	08:11:41	08:21:28	00:09:47
29-Nov	15:23:38	16:05:19	00:41:41
30-Nov	15:24:05	16:05:32	00:41:27
01-Dec	15:24:31	16:05:45	00:41:14
02-Dec	15:24:59	16:05:58	00:40:58
03-Dec	15:25:30	16:06:10	00:40:41
04-Dec	15:26:01	16:06:23	00:40:22
05-Dec	15:26:33	16:06:35	00:40:02
06-Dec	15:27:06	16:06:48	00:39:42
07-Dec	15:27:40	16:07:01	00:39:21

08-Dec	15:28:14	16:07:14	00:39:00
09-Dec	15:28:49	16:07:29	00:38:39
10-Dec	15:29:25	16:07:44	00:38:19
11-Dec	15:30:00	16:07:59	00:37:59
12-Dec	15:30:36	16:08:16	00:37:40
13-Dec	15:31:11	16:08:34	00:37:23
14-Dec	15:31:47	16:08:53	00:37:07
15-Dec	15:32:22	16:09:14	00:36:52
16-Dec	15:32:56	16:09:35	00:36:40
17-Dec	15:33:30	16:09:59	00:36:29
18-Dec	15:34:03	16:10:23	00:36:21
19-Dec	15:34:35	16:10:50	00:36:14
20-Dec	15:35:07	16:11:17	00:36:11
21-Dec	15:35:37	16:11:46	00:36:09
22-Dec	15:36:07	16:12:17	00:36:11
23-Dec	15:36:35	16:12:49	00:36:14
24-Dec	15:37:03	16:13:23	00:36:20
25-Dec	15:37:29	16:13:58	00:36:29
26-Dec	15:37:55	16:14:34	00:36:39
27-Dec	15:38:19	16:15:11	00:36:52
28-Dec	15:38:43	16:15:49	00:37:06
29-Dec	15:39:05	16:16:28	00:37:22
30-Dec	15:39:27	16:17:07	00:37:40
31-Dec	15:39:48	16:17:47	00:37:59

Turbine 14

No shadow flicker will result from this turbine

Turbine 15

No shadow flicker will result from this turbine

Turbine 16

Day-Month	Start Time	End Time	Duration
29-May	05:01:31	05:02:20	00:00:49
30-May	05:00:56	05:04:04	00:03:09
31-May	05:00:28	05:05:43	00:05:15
01-Jun	05:00:07	05:07:17	00:07:09
02-Jun	04:59:52	05:08:46	00:08:54
03-Jun	04:59:41	05:10:11	00:10:30
04-Jun	04:59:33	05:11:30	00:11:57
05-Jun	04:59:29	05:12:46	00:13:17
06-Jun	04:59:27	05:13:57	00:14:30
07-Jun	04:59:28	05:15:04	00:15:36
08-Jun	04:59:31	05:16:07	00:16:37
09-Jun	04:59:35	05:17:06	00:17:31
10-Jun	04:59:41	05:18:01	00:18:20
11-Jun	04:59:48	05:18:52	00:19:04
12-Jun	04:59:57	05:19:39	00:19:43
13-Jun	05:00:06	05:20:23	00:20:17
14-Jun	05:00:16	05:21:03	00:20:47

15-Jun	05:00:27	05:21:39	00:21:12
16-Jun	05:00:38	05:22:12	00:21:34
17-Jun	05:00:50	05:22:41	00:21:51
18-Jun	05:01:02	05:23:07	00:22:04
19-Jun	05:01:15	05:23:29	00:22:14
20-Jun	05:01:28	05:23:47	00:22:20
21-Jun	05:01:41	05:24:02	00:22:21
22-Jun	05:01:54	05:24:13	00:22:20
23-Jun	05:02:07	05:24:21	00:22:14
24-Jun	05:02:20	05:24:25	00:22:05
25-Jun	05:02:34	05:24:25	00:21:51
26-Jun	05:02:48	05:24:22	00:21:34
27-Jun	05:03:02	05:24:14	00:21:13
28-Jun	05:03:16	05:24:03	00:20:47
29-Jun	05:03:30	05:23:48	00:20:17
30-Jun	05:03:45	05:23:29	00:19:43
01-Jul	05:04:01	05:23:05	00:19:04
02-Jul	05:04:17	05:22:38	00:18:21
03-Jul	05:04:34	05:22:06	00:17:32
04-Jul	05:04:52	05:21:29	00:16:37
05-Jul	05:05:11	05:20:48	00:15:37
06-Jul	05:05:32	05:20:03	00:14:31
07-Jul	05:05:54	05:19:12	00:13:18
08-Jul	05:06:18	05:18:17	00:11:59
09-Jul	05:06:44	05:17:16	00:10:32
10-Jul	05:07:13	05:16:10	00:08:57
11-Jul	05:07:46	05:14:59	00:07:13
12-Jul	05:08:23	05:13:42	00:05:19
13-Jul	05:09:06	05:12:19	00:03:13
14-Jul	05:09:56	05:10:50	00:00:55

Turbine 17

Day-Month	Start Time	End Time	Duration
23-Apr	05:50:57	05:56:54	00:05:57
24-Apr	05:49:22	06:02:35	00:13:12
25-Apr	05:48:15	06:07:53	00:19:38
26-Apr	05:47:25	06:09:03	00:21:38
27-Apr	05:46:47	06:09:13	00:22:26
28-Apr	05:46:22	06:09:14	00:22:53
29-Apr	05:46:07	06:09:07	00:22:59
30-Apr	05:46:01	06:08:50	00:22:49
01-May	05:46:06	06:08:25	00:22:20
02-May	05:46:20	06:07:51	00:21:32
03-May	05:46:44	06:07:07	00:20:23
04-May	05:47:21	06:06:14	00:18:53
05-May	05:48:11	06:05:11	00:16:59
06-May	05:49:21	06:03:49	00:14:28
07-May	05:51:03	06:01:53	00:10:50
08-May	05:54:32	05:57:34	00:03:02
15-May	05:19:11	05:22:56	00:03:45

16-May	05:17:50	05:25:44	00:07:54
17-May	05:16:33	05:28:24	00:11:51
18-May	05:15:35	05:30:56	00:15:21
19-May	05:14:50	05:33:21	00:18:32
20-May	05:14:15	05:35:40	00:21:25
21-May	05:13:48	05:37:52	00:24:05
22-May	05:13:27	05:38:31	00:25:04
23-May	05:13:12	05:38:47	00:25:35
24-May	05:13:02	05:39:09	00:26:07
25-May	05:12:56	05:39:20	00:26:23
26-May	05:12:55	05:39:28	00:26:34
27-May	05:12:57	05:39:35	00:26:38
28-May	05:13:02	05:39:39	00:26:38
29-May	05:13:10	05:39:42	00:26:32
30-May	05:13:20	05:39:43	00:26:23
31-May	05:13:33	05:39:43	00:26:10
01-Jun	05:13:49	05:39:42	00:25:54
02-Jun	05:14:06	05:39:40	00:25:34
03-Jun	05:14:24	05:39:37	00:25:13
04-Jun	05:14:44	05:39:33	00:24:49
05-Jun	05:15:06	05:39:29	00:24:23
06-Jun	05:15:28	05:39:24	00:23:56
07-Jun	05:15:51	05:39:19	00:23:28
08-Jun	05:16:15	05:39:14	00:22:59
09-Jun	05:16:39	05:39:09	00:22:30
10-Jun	05:17:03	05:39:04	00:22:01
11-Jun	05:17:28	05:39:00	00:21:32
12-Jun	05:17:52	05:38:57	00:21:05
13-Jun	05:18:15	05:38:54	00:20:39
14-Jun	05:18:39	05:38:53	00:20:14
15-Jun	05:19:01	05:38:52	00:19:52
16-Jun	05:19:22	05:38:54	00:19:32
17-Jun	05:19:42	05:38:57	00:19:15
18-Jun	05:20:00	05:39:02	00:19:02
19-Jun	05:20:17	05:39:10	00:18:52
20-Jun	05:20:33	05:39:19	00:18:46
21-Jun	05:20:47	05:39:31	00:18:44
22-Jun	05:20:59	05:39:45	00:18:47
23-Jun	05:21:09	05:40:02	00:18:53
24-Jun	05:21:18	05:40:21	00:19:03
25-Jun	05:21:25	05:40:41	00:19:16
26-Jun	05:21:31	05:41:04	00:19:33
27-Jun	05:21:35	05:41:28	00:19:53
28-Jun	05:21:38	05:41:53	00:20:15
29-Jun	05:21:40	05:42:19	00:20:40
30-Jun	05:21:40	05:42:46	00:21:06
01-Jul	05:21:40	05:43:14	00:21:33
02-Jul	05:21:39	05:43:41	00:22:02
03-Jul	05:21:38	05:44:09	00:22:31
04-Jul	05:21:36	05:44:36	00:22:59

05-Jul	05:21:34	05:45:03	00:23:29
06-Jul	05:21:33	05:45:29	00:23:57
07-Jul	05:21:31	05:45:54	00:24:24
08-Jul	05:21:29	05:46:19	00:24:49
09-Jul	05:21:28	05:46:41	00:25:13
10-Jul	05:21:28	05:47:03	00:25:35
11-Jul	05:21:29	05:47:23	00:25:54
12-Jul	05:21:30	05:47:40	00:26:10
13-Jul	05:21:33	05:47:56	00:26:23
14-Jul	05:21:37	05:48:10	00:26:33
15-Jul	05:21:43	05:48:21	00:26:38
16-Jul	05:21:51	05:48:29	00:26:39
17-Jul	05:22:01	05:48:35	00:26:34
18-Jul	05:22:13	05:48:38	00:26:25
19-Jul	05:22:28	05:48:37	00:26:08
20-Jul	05:22:47	05:48:24	00:25:38
21-Jul	05:23:09	05:48:16	00:25:07
22-Jul	05:23:36	05:47:55	00:24:19
23-Jul	05:24:08	05:45:49	00:21:42
24-Jul	05:24:46	05:43:36	00:18:50
25-Jul	05:25:33	05:41:16	00:15:43
26-Jul	05:26:31	05:38:47	00:12:15
27-Jul	05:27:46	05:36:09	00:08:23
28-Jul	05:29:08	05:33:23	00:04:15
05-Aug	06:00:49	06:10:57	00:10:09
06-Aug	05:58:50	06:12:50	00:13:59
07-Aug	05:57:25	06:14:03	00:16:38
08-Aug	05:56:19	06:14:55	00:18:36
09-Aug	05:55:27	06:15:35	00:20:08
10-Aug	05:54:45	06:16:06	00:21:20
11-Aug	05:54:13	06:16:25	00:22:12
12-Aug	05:53:49	06:16:34	00:22:45
13-Aug	05:53:34	06:16:34	00:22:59
14-Aug	05:53:27	06:16:24	00:22:57
15-Aug	05:53:29	06:16:05	00:22:36
16-Aug	05:53:41	06:15:36	00:21:55
17-Aug	05:54:04	06:14:51	00:20:47
18-Aug	05:54:41	06:09:58	00:15:17
19-Aug	05:55:38	06:04:02	00:08:24
20-Aug	05:56:59	05:57:42	00:00:44

Turbine 18

Day-Month	Start Time	End Time	Duration
30-Mar	06:32:46	06:47:23	00:14:37
31-Mar	06:31:01	06:56:44	00:25:44
01-Apr	06:30:01	06:57:02	00:27:00
02-Apr	06:29:16	06:57:01	00:27:45
03-Apr	06:28:42	06:56:49	00:28:07
04-Apr	06:28:20	06:56:27	00:28:07
05-Apr	06:28:09	06:55:54	00:27:45

06-Apr	06:28:09	06:55:10	00:27:01
07-Apr	06:28:21	06:54:13	00:25:52
08-Apr	06:28:46	06:53:05	00:24:20
09-Apr	06:29:26	06:51:44	00:22:18
10-Apr	06:30:27	06:50:01	00:19:34
11-Apr	06:31:57	06:47:41	00:15:44
12-Apr	06:34:29	06:43:52	00:09:23
16-Apr	06:00:37	06:10:11	00:09:34
17-Apr	05:58:03	06:16:26	00:18:24
18-Apr	05:56:07	06:17:51	00:21:44
19-Apr	05:53:57	06:18:54	00:24:57
20-Apr	05:52:16	06:19:43	00:27:27
21-Apr	05:50:55	06:20:19	00:29:24
22-Apr	05:49:49	06:20:45	00:30:56
23-Apr	05:48:54	06:21:02	00:32:08
24-Apr	05:48:10	06:21:11	00:33:01
25-Apr	05:47:36	06:21:14	00:33:38
26-Apr	05:47:09	06:21:10	00:34:01
27-Apr	05:46:50	06:20:59	00:34:09
28-Apr	05:46:38	06:20:43	00:34:05
29-Apr	05:46:34	06:20:20	00:33:47
30-Apr	05:46:36	06:19:52	00:33:16
01-May	05:46:45	06:19:17	00:32:32
02-May	05:47:02	06:18:36	00:31:34
03-May	05:47:25	06:17:47	00:30:21
04-May	05:47:57	06:16:49	00:28:52
05-May	05:48:37	06:15:41	00:27:04
06-May	05:49:27	06:14:30	00:25:03
07-May	05:50:29	06:13:18	00:22:50
08-May	05:51:45	06:11:52	00:20:07
09-May	05:53:24	06:10:02	00:16:38
10-May	05:55:42	06:07:25	00:11:43
16-May	05:19:27	05:31:11	00:11:45
17-May	05:17:07	05:33:30	00:16:23
18-May	05:15:27	05:35:11	00:19:44
19-May	05:14:09	05:36:31	00:22:22
20-May	05:13:05	05:37:38	00:24:34
21-May	05:12:05	05:38:36	00:26:31
22-May	05:11:09	05:39:26	00:28:18
23-May	05:10:11	05:40:11	00:29:59
24-May	05:09:23	05:40:51	00:31:27
25-May	05:08:43	05:41:27	00:32:43
26-May	05:08:10	05:41:59	00:33:49
27-May	05:07:42	05:42:28	00:34:46
28-May	05:07:19	05:42:55	00:35:37
29-May	05:06:59	05:43:20	00:36:20
30-May	05:06:44	05:43:43	00:36:59
31-May	05:06:32	05:44:04	00:37:32
01-Jun	05:06:23	05:44:24	00:38:01
02-Jun	05:06:17	05:44:43	00:38:26

03-Jun	05:06:13	05:45:00	00:38:47
04-Jun	05:06:11	05:45:17	00:39:06
05-Jun	05:06:11	05:45:32	00:39:21
06-Jun	05:06:13	05:45:47	00:39:34
07-Jun	05:06:16	05:46:02	00:39:46
08-Jun	05:06:21	05:46:16	00:39:55
09-Jun	05:06:27	05:46:29	00:40:02
10-Jun	05:06:34	05:46:43	00:40:08
11-Jun	05:06:42	05:46:56	00:40:13
12-Jun	05:06:51	05:47:08	00:40:17
13-Jun	05:07:01	05:47:21	00:40:20
14-Jun	05:07:11	05:47:34	00:40:23
15-Jun	05:07:22	05:47:47	00:40:25
16-Jun	05:07:33	05:47:59	00:40:26
17-Jun	05:07:45	05:48:12	00:40:27
18-Jun	05:07:57	05:48:25	00:40:28
19-Jun	05:08:10	05:48:38	00:40:28
20-Jun	05:08:22	05:48:51	00:40:28
21-Jun	05:08:35	05:49:04	00:40:28
22-Jun	05:08:48	05:49:17	00:40:28
23-Jun	05:09:02	05:49:30	00:40:28
24-Jun	05:09:15	05:49:43	00:40:28
25-Jun	05:09:29	05:49:56	00:40:27
26-Jun	05:09:42	05:50:09	00:40:26
27-Jun	05:09:56	05:50:21	00:40:25
28-Jun	05:10:11	05:50:34	00:40:23
29-Jun	05:10:25	05:50:46	00:40:21
30-Jun	05:10:40	05:50:57	00:40:18
01-Jul	05:10:55	05:51:08	00:40:14
02-Jul	05:11:10	05:51:19	00:40:09
03-Jul	05:11:26	05:51:29	00:40:02
04-Jul	05:11:43	05:51:37	00:39:55
05-Jul	05:11:59	05:51:45	00:39:46
06-Jul	05:12:18	05:51:52	00:39:35
07-Jul	05:12:36	05:51:58	00:39:21
08-Jul	05:12:56	05:52:02	00:39:06
09-Jul	05:13:17	05:52:04	00:38:48
10-Jul	05:13:39	05:52:05	00:38:26
11-Jul	05:14:03	05:52:04	00:38:01
12-Jul	05:14:28	05:52:01	00:37:33
13-Jul	05:14:56	05:51:56	00:36:59
14-Jul	05:15:26	05:51:48	00:36:22
15-Jul	05:15:58	05:51:37	00:35:39
16-Jul	05:16:34	05:51:23	00:34:49
17-Jul	05:17:14	05:51:06	00:33:52
18-Jul	05:17:57	05:50:45	00:32:47
19-Jul	05:18:47	05:50:20	00:31:33
20-Jul	05:19:42	05:49:49	00:30:07
21-Jul	05:20:46	05:49:13	00:28:27
22-Jul	05:21:50	05:48:30	00:26:41

23-Jul	05:22:55	05:47:39	00:24:44
24-Jul	05:24:02	05:46:38	00:22:36
25-Jul	05:25:21	05:45:23	00:20:02
26-Jul	05:26:59	05:43:48	00:16:48
27-Jul	05:29:13	05:41:38	00:12:25
28-Jul	05:33:26	05:37:26	00:04:00
02-Aug	06:05:53	06:16:53	00:11:01
03-Aug	06:03:21	06:19:31	00:16:10
04-Aug	06:01:32	06:21:15	00:19:43
05-Aug	06:00:05	06:22:34	00:22:30
06-Aug	05:58:51	06:23:36	00:24:45
07-Aug	05:57:48	06:24:34	00:26:45
08-Aug	05:56:54	06:25:30	00:28:36
09-Aug	05:56:07	06:26:15	00:30:07
10-Aug	05:55:27	06:26:49	00:31:22
11-Aug	05:54:54	06:27:16	00:32:22
12-Aug	05:54:26	06:27:34	00:33:08
13-Aug	05:54:03	06:27:45	00:33:42
14-Aug	05:53:47	06:27:49	00:34:02
15-Aug	05:53:36	06:27:46	00:34:10
16-Aug	05:53:31	06:27:36	00:34:05
17-Aug	05:53:33	06:27:20	00:33:47
18-Aug	05:53:41	06:26:56	00:33:15
19-Aug	05:53:57	06:26:24	00:32:27
20-Aug	05:54:22	06:25:44	00:31:22
21-Aug	05:54:57	06:24:55	00:29:58
22-Aug	05:55:44	06:23:55	00:28:12
23-Aug	05:56:48	06:22:43	00:25:56
24-Aug	05:58:16	06:21:19	00:23:03
25-Aug	05:59:47	06:19:34	00:19:47
26-Aug	06:01:31	06:15:12	00:13:41
27-Aug	06:04:21	06:07:01	00:02:41
30-Aug	06:36:14	06:41:44	00:05:30
31-Aug	06:32:08	06:45:46	00:13:38
01-Sep	06:29:46	06:47:55	00:18:09
02-Sep	06:27:59	06:49:14	00:21:14
03-Sep	06:26:36	06:50:07	00:23:31
04-Sep	06:25:29	06:50:41	00:25:12
05-Sep	06:24:34	06:51:06	00:26:32
06-Sep	06:23:52	06:51:19	00:27:27
07-Sep	06:23:20	06:51:19	00:27:59
08-Sep	06:22:58	06:51:09	00:28:11
09-Sep	06:22:47	06:50:47	00:28:01
10-Sep	06:22:46	06:50:15	00:27:29
11-Sep	06:22:58	06:49:32	00:26:34
12-Sep	06:23:23	06:48:31	00:25:08
13-Sep	06:24:47	06:29:12	00:04:25

Turbine 19

No shadow flicker will result from this turbine

Turbine 20

No shadow flicker will result from this turbine