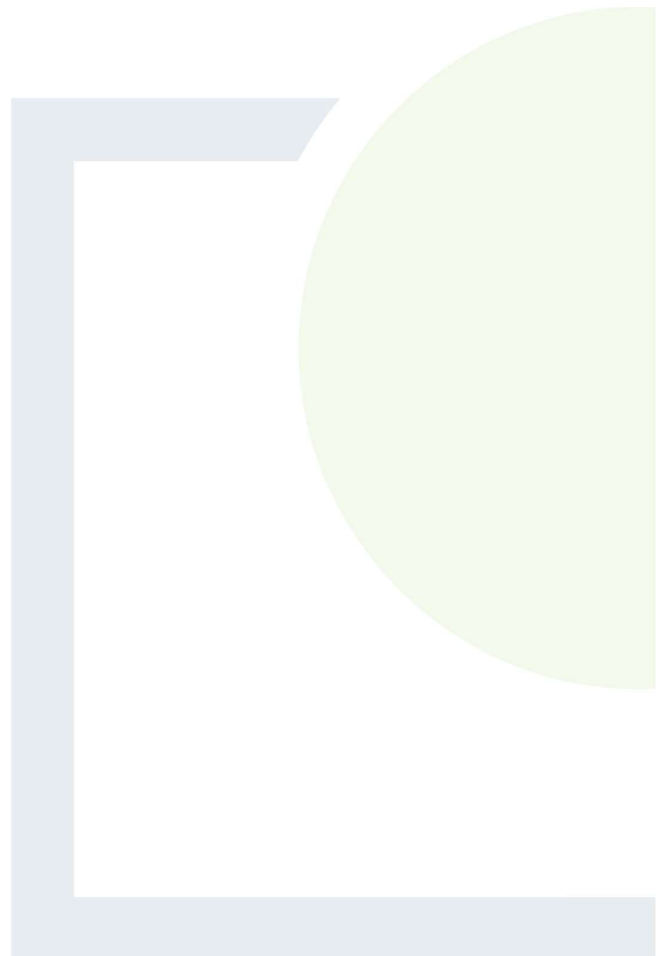




CONSULTANTS IN ENGINEERING,
ENVIRONMENTAL SCIENCE
& PLANNING

Appendix 12.2

Theoretical Shadow Flicker Times
per Turbine (Scenario 01)



**APPENDIX 12-2: Calculated Shadow Flicker Times that could occur on a turbine by turbine basis for Scenario 01
Total Theoretical Shadow Flicker Times in UTC**

Turbine 1

No shadow flicker will result from this turbine

Turbine 2

No shadow flicker will result from this turbine

Turbine 3

No shadow flicker will result from this turbine

Turbine 4

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

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

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

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

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

01-Sep	06:06:10	06:22:16	00:16:06
02-Sep	06:08:08	06:18:06	00:09:58

Turbine 5

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

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

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

Turbine 6

Day-Month	Start Time	End Time	Duration
03-May	05:36:12	05:43:38	00:07:26
04-May	05:33:13	05:46:23	00:13:09
05-May	05:31:21	05:48:02	00:16:41

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

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

Turbine 7

Day-Month	Start Time	End Time	Duration
05-Jun	20:06:27	20:07:20	00:00:52

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

Turbine 8

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

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

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

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

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

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

Turbine 10

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

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

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

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

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

Turbine 11

Day-Month	Start Time	End Time	Duration
16-Feb	17:23:29	17:35:27	00:11:58
17-Feb	17:19:59	17:38:47	00:18:48
18-Feb	17:17:37	17:41:01	00:23:24
19-Feb	17:15:45	17:42:52	00:27:07
20-Feb	17:14:12	17:44:37	00:30:25
21-Feb	17:12:55	17:46:08	00:33:13
22-Feb	17:11:49	17:47:19	00:35:30

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

Turbine 12

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

20-Dec	15:21:10	15:53:28	00:32:18
21-Dec	15:21:40	15:53:58	00:32:18
22-Dec	15:22:10	15:54:28	00:32:18
23-Dec	15:22:41	15:54:57	00:32:17
24-Dec	15:23:12	15:55:26	00:32:14
25-Dec	15:23:43	15:55:55	00:32:11
26-Dec	15:24:15	15:56:23	00:32:07
27-Dec	15:24:48	15:56:50	00:32:02
28-Dec	15:25:22	15:57:17	00:31:55
29-Dec	15:25:56	15:57:43	00:31:47
30-Dec	15:26:30	15:58:08	00:31:38
31-Dec	15:27:06	15:58:32	00:31:26

Turbine 13

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

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

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

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

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

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

Turbine 14

No shadow flicker will result from this turbine

Turbine 15

No shadow flicker will result from this turbine

Turbine 16

No shadow flicker will result from this turbine

Turbine 17

No shadow flicker will result from this turbine

Turbine 18

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

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

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

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

Turbine 19

No shadow flicker will result from this turbine

Turbine 20

No shadow flicker will result from this turbine