Exhibit 5

Supplemental Information on Shadow Flicker

EDR

Memorandum

To:	Brie Anderson, Apex Clean Energy
From:	Jacob Runner, Geospatial Services Practice Leader Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, DP.C.
Date:	September 14, 2026
Reference:	Homestead Wind - PU-26-86
Attachments:	Attachment A: Shadow Flicker Results Per Day – Vestas V163 Turbine Attachment B: Shadow Flicker Results Per Day – GE154 Turbine

On behalf of Homestead Wind, LLC (Homestead or Applicant), an indirect subsidiary of Apex Clean Energy Holdings, LLC (Apex), Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, D.P.C. (EDR) prepared a Shadow Flicker Report (Appendix G; EDR, 2026) for the proposed Project. This memorandum provides additional information in response to a request by PSC staff for the following:

- Turbines contributing to shadow flicker at each receptor;
- How much shadow flicker a turbine contributes at each receptor; and
- Minutes per day of shadow flicker at each receptor by turbine.

Tabular model results with the requested information are provided at the end of this memorandum. These tables are organized by receptors and grouped by turbine model. Attachment A includes all results based on the Vestas V163 turbine model and Attachment B includes all results based on the GE 154 turbine model. Receptors where no shadow flicker is modeled to occur where not included.

This information is a supplement to the Shadow Flicker Report provided in Appendix G of the Application. The results of the shadow flicker modeling have not changed. Instead, the information provided here provides a detailed breakdown of the turbines contributing to and the daily shadow flicker modeled at each residence. All turbines are sited such that no occupied residences will receive more than 30 hours per year of shadow flicker.

Attachment A

Shadow Flicker Results Per Day – Vestas V163 Turbine

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00001
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:
Turbine: T01 **Expected Annual Hours[1] (hh:mm):** 3:51
[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Feb	0.57	1.00	0.72	0.41
Mar	0.61	1.00	0.72	0.44
Oct	0.56	1.00	0.72	0.40

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00001	T01	22-Feb	8:16	8:19	1
RE00001	T01	23-Feb	8:14	8:21	3
RE00001	T01	24-Feb	8:12	8:22	4
RE00001	T01	25-Feb	8:10	8:23	5
RE00001	T01	26-Feb	8:09	8:25	7
RE00001	T01	27-Feb	8:07	8:25	7
RE00001	T01	28-Feb	8:05	8:25	8
RE00001	T01	1-Mar	8:03	8:25	10
RE00001	T01	2-Mar	8:01	8:25	11
RE00001	T01	3-Mar	7:59	8:25	11
RE00001	T01	4-Mar	7:59	8:24	11
RE00001	T01	5-Mar	8:00	8:23	10
RE00001	T01	6-Mar	8:00	8:22	10
RE00001	T01	7-Mar	8:01	8:21	9
RE00001	T01	8-Mar	8:02	8:18	7
RE00001	T01	9-Mar	8:04	8:15	5
RE00001	T01	6-Oct	8:41	8:52	4
RE00001	T01	7-Oct	8:39	8:55	6
RE00001	T01	8-Oct	8:37	8:56	8
RE00001	T01	9-Oct	8:36	8:57	8
RE00001	T01	10-Oct	8:34	8:57	9
RE00001	T01	11-Oct	8:34	8:58	10
RE00001	T01	12-Oct	8:32	8:58	10
RE00001	T01	13-Oct	8:34	8:58	10
RE00001	T01	14-Oct	8:35	8:58	9
RE00001	T01	15-Oct	8:37	8:58	8

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00001	T01	16-Oct	8:38	8:57	8
RE00001	T01	17-Oct	8:40	8:56	6
RE00001	T01	18-Oct	8:42	8:56	6
RE00001	T01	19-Oct	8:43	8:54	4
RE00001	T01	20-Oct	8:45	8:53	3
RE00001	T01	21-Oct	8:46	8:50	2

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00007
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine:	T14	**Expected Annual Hours[1] (hh:mm):**	4:12
Turbine:	T17	**Expected Annual Hours[1] (hh:mm):**	3:09
Turbine:	T31	**Expected Annual Hours[1] (hh:mm):**	2:53

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.59	0.30
Feb	0.57	1.00	0.59	0.34
May	0.63	1.00	0.59	0.37
Jun	0.68	1.00	0.64	0.44
Jul	0.77	1.00	0.64	0.49
Nov	0.43	1.00	0.59	0.25
Dec	0.47	1.00	0.59	0.28

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00007	T14	30-May	6:27	6:28	0
RE00007	T14	31-May	6:26	6:28	1
RE00007	T14	1-Jun	6:26	6:30	2
RE00007	T14	2-Jun	6:25	6:31	3
RE00007	T14	3-Jun	6:25	6:32	3
RE00007	T14	4-Jun	6:24	6:32	3
RE00007	T14	5-Jun	6:24	6:33	4
RE00007	T14	6-Jun	6:23	6:33	4
RE00007	T14	7-Jun	6:23	6:34	5
RE00007	T14	8-Jun	6:22	6:34	5
RE00007	T14	9-Jun	6:22	6:35	6
RE00007	T14	10-Jun	6:22	6:35	6
RE00007	T14	11-Jun	6:21	6:35	6
RE00007	T14	12-Jun	6:21	6:36	7
RE00007	T14	13-Jun	6:21	6:36	7
RE00007	T14	14-Jun	6:21	6:37	7
RE00007	T14	15-Jun	6:21	6:37	7
RE00007	T14	16-Jun	6:21	6:37	7
RE00007	T14	17-Jun	6:21	6:38	7
RE00007	T14	18-Jun	6:21	6:38	7

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00007	T14	19-Jun	6:21	6:38	7
RE00007	T14	20-Jun	6:21	6:38	7
RE00007	T14	21-Jun	6:21	6:38	7
RE00007	T14	22-Jun	6:21	6:38	7
RE00007	T14	23-Jun	6:22	6:39	7
RE00007	T14	24-Jun	6:22	6:39	7
RE00007	T14	25-Jun	6:22	6:39	7
RE00007	T14	26-Jun	6:23	6:40	7
RE00007	T14	27-Jun	6:23	6:40	7
RE00007	T14	28-Jun	6:23	6:39	7
RE00007	T14	29-Jun	6:24	6:40	7
RE00007	T14	30-Jun	6:24	6:40	7
RE00007	T14	1-Jul	6:25	6:40	7
RE00007	T14	2-Jul	6:25	6:40	7
RE00007	T14	3-Jul	6:26	6:40	7
RE00007	T14	4-Jul	6:27	6:40	6
RE00007	T14	5-Jul	6:27	6:40	6
RE00007	T14	6-Jul	6:28	6:40	6
RE00007	T14	7-Jul	6:29	6:40	5
RE00007	T14	8-Jul	6:30	6:40	5
RE00007	T14	9-Jul	6:30	6:39	4
RE00007	T14	10-Jul	6:31	6:39	4
RE00007	T14	11-Jul	6:32	6:39	3
RE00007	T14	12-Jul	6:33	6:39	3
RE00007	T14	13-Jul	6:34	6:38	2
RE00007	T14	14-Jul	6:35	6:37	1
RE00007	T14	15-Jul	6:36	6:37	0
RE00007	T17	3-Jun	21:19	21:21	1
RE00007	T17	4-Jun	21:18	21:21	1
RE00007	T17	5-Jun	21:18	21:23	2
RE00007	T17	6-Jun	21:17	21:23	3
RE00007	T17	7-Jun	21:17	21:24	3
RE00007	T17	8-Jun	21:16	21:24	3
RE00007	T17	9-Jun	21:16	21:25	4
RE00007	T17	10-Jun	21:16	21:26	4
RE00007	T17	11-Jun	21:15	21:26	5
RE00007	T17	12-Jun	21:15	21:27	5
RE00007	T17	13-Jun	21:15	21:28	6
RE00007	T17	14-Jun	21:15	21:28	6
RE00007	T17	15-Jun	21:15	21:29	6

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00007	T17	16-Jun	21:15	21:29	6
RE00007	T17	17-Jun	21:15	21:30	7
RE00007	T17	18-Jun	21:15	21:30	7
RE00007	T17	19-Jun	21:15	21:30	7
RE00007	T17	20-Jun	21:15	21:31	7
RE00007	T17	21-Jun	21:15	21:31	7
RE00007	T17	22-Jun	21:15	21:31	7
RE00007	T17	23-Jun	21:16	21:32	7
RE00007	T17	24-Jun	21:16	21:32	7
RE00007	T17	25-Jun	21:16	21:31	7
RE00007	T17	26-Jun	21:17	21:32	7
RE00007	T17	27-Jun	21:17	21:32	7
RE00007	T17	28-Jun	21:17	21:31	6
RE00007	T17	29-Jun	21:18	21:32	6
RE00007	T17	30-Jun	21:18	21:31	6
RE00007	T17	1-Jul	21:19	21:32	6
RE00007	T17	2-Jul	21:19	21:31	6
RE00007	T17	3-Jul	21:20	21:31	5
RE00007	T17	4-Jul	21:21	21:31	5
RE00007	T17	5-Jul	21:21	21:30	4
RE00007	T17	6-Jul	21:22	21:30	4
RE00007	T17	7-Jul	21:23	21:30	3
RE00007	T17	8-Jul	21:24	21:30	3
RE00007	T17	9-Jul	21:24	21:29	2
RE00007	T17	10-Jul	21:25	21:28	1
RE00007	T17	11-Jul	21:26	21:28	1
RE00007	T31	13-Jan	16:53	16:54	0
RE00007	T31	14-Jan	16:52	16:55	1
RE00007	T31	15-Jan	16:52	16:57	2
RE00007	T31	16-Jan	16:51	16:58	2
RE00007	T31	17-Jan	16:51	16:59	2
RE00007	T31	18-Jan	16:52	17:02	3
RE00007	T31	19-Jan	16:52	17:03	3
RE00007	T31	20-Jan	16:52	17:05	4
RE00007	T31	21-Jan	16:52	17:06	4
RE00007	T31	22-Jan	16:52	17:08	5
RE00007	T31	23-Jan	16:52	17:10	5
RE00007	T31	24-Jan	16:53	17:11	5
RE00007	T31	25-Jan	16:52	17:12	6
RE00007	T31	26-Jan	16:53	17:14	6

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00007	T31	27-Jan	16:54	17:16	7
RE00007	T31	28-Jan	16:54	17:17	7
RE00007	T31	29-Jan	16:54	17:16	7
RE00007	T31	30-Jan	16:56	17:16	6
RE00007	T31	31-Jan	16:57	17:16	6
RE00007	T31	1-Feb	16:58	17:14	5
RE00007	T31	2-Feb	17:00	17:13	4
RE00007	T31	3-Feb	17:02	17:10	3
RE00007	T31	9-Nov	16:36	16:38	1
RE00007	T31	10-Nov	16:32	16:43	3
RE00007	T31	11-Nov	16:31	16:45	4
RE00007	T31	12-Nov	16:29	16:46	4
RE00007	T31	13-Nov	16:28	16:47	5
RE00007	T31	14-Nov	16:28	16:49	5
RE00007	T31	15-Nov	16:27	16:49	6
RE00007	T31	16-Nov	16:27	16:50	6
RE00007	T31	17-Nov	16:27	16:49	6
RE00007	T31	18-Nov	16:26	16:47	5
RE00007	T31	19-Nov	16:27	16:46	5
RE00007	T31	20-Nov	16:27	16:45	5
RE00007	T31	21-Nov	16:27	16:44	4
RE00007	T31	22-Nov	16:27	16:43	4
RE00007	T31	23-Nov	16:27	16:41	4
RE00007	T31	24-Nov	16:28	16:41	3
RE00007	T31	25-Nov	16:28	16:39	3
RE00007	T31	26-Nov	16:29	16:39	3
RE00007	T31	27-Nov	16:30	16:37	2
RE00007	T31	28-Nov	16:31	16:37	2
RE00007	T31	29-Nov	16:31	16:36	1
RE00007	T31	30-Nov	16:33	16:36	1
RE00007	T31	1-Dec	16:34	16:35	0

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00010
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine:	T17	**Expected Annual Hours[1] (hh:mm):**	2:06
Turbine:	T28	**Expected Annual Hours[1] (hh:mm):**	2:41

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Mar	0.61	1.00	0.71	0.43
Jun	0.68	1.00	0.71	0.48
Jul	0.77	1.00	0.71	0.55
Oct	0.56	1.00	0.71	0.40

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00010	T17	5-Jun	21:21	21:23	1
RE00010	T17	6-Jun	21:20	21:23	1
RE00010	T17	7-Jun	21:20	21:24	2
RE00010	T17	8-Jun	21:19	21:24	2
RE00010	T17	9-Jun	21:20	21:25	2
RE00010	T17	10-Jun	21:20	21:26	3
RE00010	T17	11-Jun	21:19	21:26	3
RE00010	T17	12-Jun	21:19	21:27	4
RE00010	T17	13-Jun	21:20	21:28	4
RE00010	T17	14-Jun	21:20	21:28	4
RE00010	T17	15-Jun	21:20	21:29	4
RE00010	T17	16-Jun	21:20	21:29	4
RE00010	T17	17-Jun	21:20	21:30	5
RE00010	T17	18-Jun	21:20	21:30	5
RE00010	T17	19-Jun	21:21	21:30	4
RE00010	T17	20-Jun	21:21	21:31	5
RE00010	T17	21-Jun	21:21	21:31	5
RE00010	T17	22-Jun	21:21	21:31	5
RE00010	T17	23-Jun	21:22	21:32	5
RE00010	T17	24-Jun	21:22	21:32	5
RE00010	T17	25-Jun	21:22	21:31	4
RE00010	T17	26-Jun	21:22	21:32	5
RE00010	T17	27-Jun	21:22	21:32	5
RE00010	T17	28-Jun	21:22	21:31	4

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00010	T17	29-Jun	21:23	21:32	4
RE00010	T17	30-Jun	21:23	21:31	4
RE00010	T17	1-Jul	21:24	21:32	4
RE00010	T17	2-Jul	21:23	21:31	4
RE00010	T17	3-Jul	21:24	21:31	4
RE00010	T17	4-Jul	21:25	21:31	3
RE00010	T17	5-Jul	21:25	21:30	3
RE00010	T17	6-Jul	21:25	21:30	3
RE00010	T17	7-Jul	21:26	21:30	2
RE00010	T17	8-Jul	21:27	21:30	2
RE00010	T17	9-Jul	21:27	21:29	1
RE00010	T28	1-Mar	8:03	8:07	2
RE00010	T28	2-Mar	8:01	8:08	3
RE00010	T28	3-Mar	7:59	8:08	4
RE00010	T28	4-Mar	7:57	8:09	5
RE00010	T28	5-Mar	7:55	8:09	6
RE00010	T28	6-Mar	7:53	8:09	7
RE00010	T28	7-Mar	7:51	8:08	7
RE00010	T28	8-Mar	7:48	8:07	8
RE00010	T28	9-Mar	7:46	8:06	9
RE00010	T28	10-Mar	7:44	8:05	9
RE00010	T28	11-Mar	7:44	8:04	9
RE00010	T28	12-Mar	7:46	8:03	7
RE00010	T28	13-Mar	7:48	8:00	5
RE00010	T28	14-Mar	8:51	8:56	2
RE00010	T28	1-Oct	8:31	8:36	2
RE00010	T28	2-Oct	8:27	8:39	5
RE00010	T28	3-Oct	8:25	8:42	7
RE00010	T28	4-Oct	8:23	8:42	8
RE00010	T28	5-Oct	8:22	8:44	9
RE00010	T28	6-Oct	8:23	8:43	8
RE00010	T28	7-Oct	8:25	8:44	8
RE00010	T28	8-Oct	8:26	8:44	7
RE00010	T28	9-Oct	8:28	8:44	6
RE00010	T28	10-Oct	8:29	8:43	6
RE00010	T28	11-Oct	8:31	8:43	5
RE00010	T28	12-Oct	8:32	8:42	4
RE00010	T28	13-Oct	8:34	8:41	3
RE00010	T28	14-Oct	8:35	8:39	2
RE00010	T28	15-Oct	8:37	8:38	0

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00011
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:
Turbine: T08 **Expected Annual Hours[1] (hh:mm):** 5:05
[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Apr	0.59	1.00	0.65	0.38
May	0.63	1.00	0.65	0.41
Jul	0.77	1.00	0.65	0.50
Aug	0.75	1.00	0.65	0.49

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00011	T08	27-Apr	7:08	7:11	1
RE00011	T08	28-Apr	7:07	7:13	2
RE00011	T08	29-Apr	7:05	7:14	3
RE00011	T08	30-Apr	7:03	7:14	4
RE00011	T08	1-May	7:02	7:15	5
RE00011	T08	2-May	7:00	7:15	6
RE00011	T08	3-May	6:58	7:15	7
RE00011	T08	4-May	6:57	7:15	7
RE00011	T08	5-May	6:55	7:15	8
RE00011	T08	6-May	6:54	7:15	9
RE00011	T08	7-May	6:52	7:15	9
RE00011	T08	8-May	6:51	7:15	10
RE00011	T08	9-May	6:49	7:14	10
RE00011	T08	10-May	6:50	7:14	10
RE00011	T08	11-May	6:51	7:13	9
RE00011	T08	12-May	6:51	7:12	9
RE00011	T08	13-May	6:52	7:11	8
RE00011	T08	14-May	6:53	7:10	7
RE00011	T08	15-May	6:54	7:08	6
RE00011	T08	16-May	6:56	7:07	5
RE00011	T08	17-May	6:59	7:04	2
RE00011	T08	28-Jul	7:10	7:13	2
RE00011	T08	29-Jul	7:07	7:18	6
RE00011	T08	30-Jul	7:05	7:19	7
RE00011	T08	31-Jul	7:04	7:20	8

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00011	T08	1-Aug	7:02	7:21	9
RE00011	T08	2-Aug	7:01	7:22	10
RE00011	T08	3-Aug	7:01	7:23	11
RE00011	T08	4-Aug	7:00	7:24	12
RE00011	T08	5-Aug	6:59	7:24	12
RE00011	T08	6-Aug	7:00	7:24	12
RE00011	T08	7-Aug	7:02	7:25	11
RE00011	T08	8-Aug	7:03	7:25	11
RE00011	T08	9-Aug	7:04	7:24	10
RE00011	T08	10-Aug	7:05	7:24	9
RE00011	T08	11-Aug	7:07	7:24	8
RE00011	T08	12-Aug	7:08	7:24	8
RE00011	T08	13-Aug	7:09	7:23	7
RE00011	T08	14-Aug	7:11	7:23	6
RE00011	T08	15-Aug	7:12	7:21	4
RE00011	T08	16-Aug	7:13	7:20	3
RE00011	T08	17-Aug	7:15	7:19	2
RE00011	T08	18-Aug	7:16	7:17	0

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00012
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T08 **Expected Annual Hours[1] (hh:mm):** 5:20

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Apr	0.59	1.00	0.65	0.38
May	0.63	1.00	0.65	0.41
Jul	0.77	1.00	0.65	0.50
Aug	0.75	1.00	0.65	0.49

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00012	T08	27-Apr	7:08	7:09	0
RE00012	T08	28-Apr	7:07	7:11	2
RE00012	T08	29-Apr	7:05	7:12	3
RE00012	T08	30-Apr	7:03	7:12	3
RE00012	T08	1-May	7:02	7:14	5
RE00012	T08	2-May	7:00	7:14	6
RE00012	T08	3-May	6:58	7:14	7
RE00012	T08	4-May	6:57	7:14	7
RE00012	T08	5-May	6:55	7:14	8
RE00012	T08	6-May	6:54	7:14	8
RE00012	T08	7-May	6:52	7:14	9
RE00012	T08	8-May	6:51	7:14	9
RE00012	T08	9-May	6:49	7:13	10
RE00012	T08	10-May	6:48	7:13	10
RE00012	T08	11-May	6:49	7:13	10
RE00012	T08	12-May	6:49	7:12	9
RE00012	T08	13-May	6:50	7:11	9
RE00012	T08	14-May	6:51	7:11	8
RE00012	T08	15-May	6:51	7:09	7
RE00012	T08	16-May	6:52	7:08	7
RE00012	T08	17-May	6:54	7:07	5
RE00012	T08	18-May	6:57	7:04	3
RE00012	T08	27-Jul	7:07	7:14	4
RE00012	T08	28-Jul	7:05	7:16	6
RE00012	T08	29-Jul	7:04	7:19	8

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00012	T08	30-Jul	7:02	7:20	9
RE00012	T08	31-Jul	7:01	7:21	10
RE00012	T08	1-Aug	7:00	7:21	10
RE00012	T08	2-Aug	6:59	7:22	11
RE00012	T08	3-Aug	6:59	7:23	12
RE00012	T08	4-Aug	6:58	7:23	12
RE00012	T08	5-Aug	6:59	7:23	12
RE00012	T08	6-Aug	7:00	7:23	11
RE00012	T08	7-Aug	7:02	7:24	11
RE00012	T08	8-Aug	7:03	7:24	10
RE00012	T08	9-Aug	7:04	7:23	9
RE00012	T08	10-Aug	7:05	7:23	9
RE00012	T08	11-Aug	7:07	7:23	8
RE00012	T08	12-Aug	7:08	7:22	7
RE00012	T08	13-Aug	7:09	7:21	6
RE00012	T08	14-Aug	7:11	7:21	5
RE00012	T08	15-Aug	7:12	7:20	4
RE00012	T08	16-Aug	7:13	7:18	2
RE00012	T08	17-Aug	7:15	7:17	1

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00013
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T28 **Expected Annual Hours[1] (hh:mm):** 9:02
Turbine: T36 **Expected Annual Hours[1] (hh:mm):** 5:22

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.71	0.36
Mar	0.61	1.00	0.71	0.43
Sep	0.67	1.00	0.71	0.48
Oct	0.56	1.00	0.71	0.40
Nov	0.43	1.00	0.71	0.31
Dec	0.47	1.00	0.71	0.33

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00013	T28	3-Mar	7:59	8:04	2
RE00013	T28	4-Mar	7:57	8:06	4
RE00013	T28	5-Mar	7:55	8:08	6
RE00013	T28	6-Mar	7:53	8:09	7
RE00013	T28	7-Mar	7:50	8:09	8
RE00013	T28	8-Mar	7:48	8:10	10
RE00013	T28	9-Mar	7:46	8:11	11
RE00013	T28	10-Mar	7:44	8:11	12
RE00013	T28	11-Mar	7:42	8:11	13
RE00013	T28	12-Mar	7:40	8:12	14
RE00013	T28	13-Mar	7:38	8:12	15
RE00013	T28	14-Mar	8:36	9:11	15
RE00013	T28	15-Mar	8:34	9:11	16
RE00013	T28	16-Mar	8:32	9:11	17
RE00013	T28	17-Mar	8:33	9:10	16
RE00013	T28	18-Mar	8:33	9:09	16
RE00013	T28	19-Mar	8:33	9:08	15
RE00013	T28	20-Mar	8:33	9:06	14
RE00013	T28	21-Mar	8:34	9:05	13
RE00013	T28	22-Mar	8:35	9:04	13
RE00013	T28	23-Mar	8:36	9:02	11
RE00013	T28	24-Mar	8:38	9:00	10

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00013	T28	25-Mar	8:40	8:57	7
RE00013	T28	26-Mar	8:45	8:51	3
RE00013	T28	19-Sep	8:31	8:40	4
RE00013	T28	20-Sep	8:26	8:44	9
RE00013	T28	21-Sep	8:24	8:47	11
RE00013	T28	22-Sep	8:22	8:48	12
RE00013	T28	23-Sep	8:19	8:49	14
RE00013	T28	24-Sep	8:18	8:50	15
RE00013	T28	25-Sep	8:17	8:50	16
RE00013	T28	26-Sep	8:16	8:51	17
RE00013	T28	27-Sep	8:15	8:51	17
RE00013	T28	28-Sep	8:14	8:51	18
RE00013	T28	29-Sep	8:13	8:52	19
RE00013	T28	30-Sep	8:14	8:51	18
RE00013	T28	1-Oct	8:16	8:51	14
RE00013	T28	2-Oct	8:17	8:51	14
RE00013	T28	3-Oct	8:19	8:51	13
RE00013	T28	4-Oct	8:20	8:49	12
RE00013	T28	5-Oct	8:22	8:49	11
RE00013	T28	6-Oct	8:23	8:48	10
RE00013	T28	7-Oct	8:25	8:47	9
RE00013	T28	8-Oct	8:26	8:46	8
RE00013	T28	9-Oct	8:28	8:45	7
RE00013	T28	10-Oct	8:29	8:43	6
RE00013	T28	11-Oct	8:31	8:41	4
RE00013	T28	12-Oct	8:32	8:38	2
RE00013	T28	13-Oct	8:34	8:35	0
RE00013	T36	1-Jan	9:16	9:22	2
RE00013	T36	2-Jan	9:16	9:23	3
RE00013	T36	3-Jan	9:16	9:24	3
RE00013	T36	4-Jan	9:15	9:24	3
RE00013	T36	5-Jan	9:15	9:25	4
RE00013	T36	6-Jan	9:15	9:26	4
RE00013	T36	7-Jan	9:15	9:26	4
RE00013	T36	8-Jan	9:14	9:26	4
RE00013	T36	9-Jan	9:14	9:27	5
RE00013	T36	10-Jan	9:13	9:27	5
RE00013	T36	11-Jan	9:13	9:29	6
RE00013	T36	12-Jan	9:12	9:29	6
RE00013	T36	13-Jan	9:11	9:29	7

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00013	T36	14-Jan	9:11	9:30	7
RE00013	T36	15-Jan	9:10	9:30	7
RE00013	T36	16-Jan	9:09	9:30	8
RE00013	T36	17-Jan	9:08	9:30	8
RE00013	T36	18-Jan	9:08	9:31	8
RE00013	T36	19-Jan	9:07	9:31	9
RE00013	T36	20-Jan	9:06	9:31	9
RE00013	T36	21-Jan	9:07	9:31	9
RE00013	T36	22-Jan	9:07	9:30	8
RE00013	T36	23-Jan	9:09	9:30	8
RE00013	T36	24-Jan	9:09	9:29	7
RE00013	T36	25-Jan	9:10	9:28	7
RE00013	T36	26-Jan	9:12	9:27	5
RE00013	T36	27-Jan	9:14	9:25	4
RE00013	T36	28-Jan	9:18	9:22	1
RE00013	T36	16-Nov	8:49	8:57	2
RE00013	T36	17-Nov	8:47	9:00	4
RE00013	T36	18-Nov	8:45	9:01	5
RE00013	T36	19-Nov	8:44	9:03	6
RE00013	T36	20-Nov	8:43	9:03	6
RE00013	T36	21-Nov	8:43	9:05	7
RE00013	T36	22-Nov	8:43	9:06	7
RE00013	T36	23-Nov	8:42	9:06	7
RE00013	T36	24-Nov	8:43	9:07	7
RE00013	T36	25-Nov	8:44	9:07	7
RE00013	T36	26-Nov	8:46	9:08	7
RE00013	T36	27-Nov	8:47	9:08	6
RE00013	T36	28-Nov	8:49	9:09	6
RE00013	T36	29-Nov	8:50	9:09	6
RE00013	T36	30-Nov	8:52	9:10	5
RE00013	T36	1-Dec	8:53	9:10	6
RE00013	T36	2-Dec	8:54	9:10	5
RE00013	T36	3-Dec	8:56	9:11	5
RE00013	T36	4-Dec	8:57	9:11	5
RE00013	T36	5-Dec	8:58	9:11	4
RE00013	T36	6-Dec	9:00	9:12	4
RE00013	T36	7-Dec	9:01	9:12	4
RE00013	T36	8-Dec	9:02	9:12	3
RE00013	T36	9-Dec	9:03	9:12	3
RE00013	T36	10-Dec	9:04	9:13	3

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00013	T36	11-Dec	9:05	9:13	3
RE00013	T36	12-Dec	9:06	9:13	2
RE00013	T36	13-Dec	9:07	9:13	2
RE00013	T36	14-Dec	9:08	9:14	2
RE00013	T36	15-Dec	9:09	9:14	2
RE00013	T36	16-Dec	9:10	9:15	2
RE00013	T36	17-Dec	9:11	9:15	1
RE00013	T36	18-Dec	9:11	9:15	1
RE00013	T36	19-Dec	9:12	9:15	1
RE00013	T36	20-Dec	9:13	9:16	1
RE00013	T36	21-Dec	9:13	9:16	1
RE00013	T36	22-Dec	9:14	9:17	1
RE00013	T36	23-Dec	9:14	9:17	1
RE00013	T36	24-Dec	9:15	9:18	1
RE00013	T36	25-Dec	9:15	9:18	1
RE00013	T36	26-Dec	9:15	9:18	1
RE00013	T36	27-Dec	9:15	9:19	1
RE00013	T36	28-Dec	9:16	9:20	1
RE00013	T36	29-Dec	9:16	9:21	2
RE00013	T36	30-Dec	9:16	9:21	2
RE00013	T36	31-Dec	9:16	9:22	2

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00017
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine:	T41	**Expected Annual Hours[1] (hh:mm):**	3:46
Turbine:	T46	**Expected Annual Hours[1] (hh:mm):**	2:57
Turbine:	T47	**Expected Annual Hours[1] (hh:mm):**	10:21

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.71	0.36
Feb	0.57	1.00	0.71	0.40
Mar	0.61	1.00	0.71	0.43
Apr	0.59	1.00	0.65	0.38
May	0.63	1.00	0.65	0.41
Aug	0.75	1.00	0.65	0.49
Sep	0.67	1.00	0.71	0.48
Oct	0.56	1.00	0.71	0.40
Nov	0.43	1.00	0.71	0.31

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00017	T41	26-Apr	7:10	7:12	1
RE00017	T41	27-Apr	7:09	7:14	2
RE00017	T41	28-Apr	7:07	7:14	3
RE00017	T41	29-Apr	7:05	7:15	4
RE00017	T41	30-Apr	7:03	7:14	4
RE00017	T41	1-May	7:02	7:15	5
RE00017	T41	2-May	7:00	7:15	6
RE00017	T41	3-May	6:59	7:15	7
RE00017	T41	4-May	6:57	7:15	7
RE00017	T41	5-May	6:56	7:15	8
RE00017	T41	6-May	6:54	7:14	8
RE00017	T41	7-May	6:53	7:14	9
RE00017	T41	8-May	6:51	7:13	9
RE00017	T41	9-May	6:52	7:12	8
RE00017	T41	10-May	6:53	7:11	7
RE00017	T41	11-May	6:54	7:10	7
RE00017	T41	12-May	6:56	7:08	5
RE00017	T41	13-May	6:58	7:05	3

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00017	T41	1-Aug	7:09	7:15	3
RE00017	T41	2-Aug	7:07	7:18	5
RE00017	T41	3-Aug	7:05	7:20	7
RE00017	T41	4-Aug	7:03	7:21	9
RE00017	T41	5-Aug	7:02	7:21	9
RE00017	T41	6-Aug	7:02	7:23	10
RE00017	T41	7-Aug	7:02	7:23	10
RE00017	T41	8-Aug	7:03	7:23	10
RE00017	T41	9-Aug	7:05	7:24	9
RE00017	T41	10-Aug	7:06	7:24	9
RE00017	T41	11-Aug	7:07	7:24	8
RE00017	T41	12-Aug	7:08	7:23	7
RE00017	T41	13-Aug	7:10	7:24	7
RE00017	T41	14-Aug	7:11	7:23	6
RE00017	T41	15-Aug	7:12	7:22	5
RE00017	T41	16-Aug	7:14	7:22	4
RE00017	T41	17-Aug	7:15	7:21	3
RE00017	T41	18-Aug	7:16	7:19	1
RE00017	T41	19-Aug	7:18	7:19	0
RE00017	T46	7-Mar	7:50	7:53	1
RE00017	T46	8-Mar	7:48	7:54	3
RE00017	T46	9-Mar	7:46	7:55	4
RE00017	T46	10-Mar	7:44	7:56	5
RE00017	T46	11-Mar	7:42	7:56	6
RE00017	T46	12-Mar	7:40	7:56	7
RE00017	T46	13-Mar	7:38	7:56	8
RE00017	T46	14-Mar	8:36	8:55	8
RE00017	T46	15-Mar	8:34	8:55	9
RE00017	T46	16-Mar	8:32	8:54	10
RE00017	T46	17-Mar	8:32	8:53	9
RE00017	T46	18-Mar	8:33	8:51	8
RE00017	T46	19-Mar	8:35	8:49	6
RE00017	T46	20-Mar	8:36	8:45	4
RE00017	T46	25-Sep	8:20	8:30	5
RE00017	T46	26-Sep	8:17	8:32	7
RE00017	T46	27-Sep	8:15	8:33	9
RE00017	T46	28-Sep	8:13	8:34	10
RE00017	T46	29-Sep	8:13	8:35	10
RE00017	T46	30-Sep	8:14	8:35	10
RE00017	T46	1-Oct	8:16	8:35	8

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00017	T46	2-Oct	8:17	8:35	7
RE00017	T46	3-Oct	8:19	8:35	6
RE00017	T46	4-Oct	8:20	8:34	6
RE00017	T46	5-Oct	8:22	8:34	5
RE00017	T46	6-Oct	8:23	8:32	4
RE00017	T46	7-Oct	8:24	8:31	3
RE00017	T46	8-Oct	8:26	8:29	1
RE00017	T47	25-Jan	9:00	9:03	1
RE00017	T47	26-Jan	8:59	9:07	3
RE00017	T47	27-Jan	8:58	9:09	4
RE00017	T47	28-Jan	8:57	9:11	5
RE00017	T47	29-Jan	8:55	9:12	6
RE00017	T47	30-Jan	8:54	9:14	7
RE00017	T47	31-Jan	8:53	9:15	8
RE00017	T47	1-Feb	8:51	9:16	10
RE00017	T47	2-Feb	8:50	9:17	11
RE00017	T47	3-Feb	8:48	9:17	12
RE00017	T47	4-Feb	8:47	9:19	13
RE00017	T47	5-Feb	8:45	9:19	14
RE00017	T47	6-Feb	8:44	9:20	15
RE00017	T47	7-Feb	8:42	9:20	15
RE00017	T47	8-Feb	8:42	9:21	16
RE00017	T47	9-Feb	8:42	9:20	15
RE00017	T47	10-Feb	8:41	9:20	16
RE00017	T47	11-Feb	8:42	9:21	16
RE00017	T47	12-Feb	8:42	9:20	15
RE00017	T47	13-Feb	8:42	9:20	15
RE00017	T47	14-Feb	8:43	9:20	15
RE00017	T47	15-Feb	8:43	9:19	15
RE00017	T47	16-Feb	8:43	9:19	15
RE00017	T47	17-Feb	8:44	9:18	14
RE00017	T47	18-Feb	8:45	9:16	13
RE00017	T47	19-Feb	8:46	9:16	12
RE00017	T47	20-Feb	8:48	9:14	11
RE00017	T47	21-Feb	8:49	9:12	9
RE00017	T47	22-Feb	8:51	9:10	8
RE00017	T47	23-Feb	8:54	9:06	5
RE00017	T47	20-Oct	9:27	9:36	4
RE00017	T47	21-Oct	9:22	9:39	7
RE00017	T47	22-Oct	9:20	9:42	9

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00017	T47	23-Oct	9:18	9:43	10
RE00017	T47	24-Oct	9:16	9:45	12
RE00017	T47	25-Oct	9:15	9:47	13
RE00017	T47	26-Oct	9:14	9:47	13
RE00017	T47	27-Oct	9:13	9:48	14
RE00017	T47	28-Oct	9:13	9:49	14
RE00017	T47	29-Oct	9:12	9:49	15
RE00017	T47	30-Oct	9:12	9:49	15
RE00017	T47	31-Oct	9:12	9:50	15
RE00017	T47	1-Nov	9:11	9:49	12
RE00017	T47	2-Nov	9:11	9:50	12
RE00017	T47	3-Nov	9:11	9:50	12
RE00017	T47	4-Nov	9:11	9:49	12
RE00017	T47	5-Nov	9:11	9:50	12
RE00017	T47	6-Nov	9:13	9:50	11
RE00017	T47	7-Nov	8:15	8:50	11
RE00017	T47	8-Nov	8:16	8:49	10
RE00017	T47	9-Nov	8:18	8:49	9
RE00017	T47	10-Nov	8:20	8:48	9
RE00017	T47	11-Nov	8:21	8:47	8
RE00017	T47	12-Nov	8:23	8:47	7
RE00017	T47	13-Nov	8:25	8:46	6
RE00017	T47	14-Nov	8:26	8:45	6
RE00017	T47	15-Nov	8:28	8:44	5
RE00017	T47	16-Nov	8:30	8:43	4
RE00017	T47	17-Nov	8:31	8:41	3
RE00017	T47	18-Nov	8:33	8:39	2

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00019
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:
Turbine: T59 **Expected Annual Hours[1] (hh:mm):** 3:10

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Mar	0.61	1.00	0.66	0.40
Sep	0.67	1.00	0.66	0.44
Oct	0.56	1.00	0.66	0.37

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00019	T59	5-Mar	18:17	18:20	1
RE00019	T59	6-Mar	18:14	18:21	3
RE00019	T59	7-Mar	18:11	18:22	4
RE00019	T59	8-Mar	18:10	18:24	6
RE00019	T59	9-Mar	18:09	18:25	6
RE00019	T59	10-Mar	18:08	18:27	8
RE00019	T59	11-Mar	18:08	18:29	8
RE00019	T59	12-Mar	18:08	18:30	9
RE00019	T59	13-Mar	18:08	18:31	9
RE00019	T59	14-Mar	19:08	19:31	9
RE00019	T59	15-Mar	19:08	19:30	9
RE00019	T59	16-Mar	19:09	19:29	8
RE00019	T59	17-Mar	19:10	19:27	7
RE00019	T59	18-Mar	19:12	19:25	5
RE00019	T59	19-Mar	19:15	19:22	3
RE00019	T59	26-Sep	18:57	19:05	4
RE00019	T59	27-Sep	18:53	19:07	6
RE00019	T59	28-Sep	18:51	19:08	8
RE00019	T59	29-Sep	18:50	19:10	9
RE00019	T59	30-Sep	18:48	19:10	10
RE00019	T59	1-Oct	18:48	19:11	9
RE00019	T59	2-Oct	18:47	19:10	9
RE00019	T59	3-Oct	18:47	19:09	8
RE00019	T59	4-Oct	18:46	19:07	8
RE00019	T59	5-Oct	18:47	19:05	7
RE00019	T59	6-Oct	18:46	19:02	6

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00019	T59	7-Oct	18:47	19:01	5
RE00019	T59	8-Oct	18:47	18:58	4
RE00019	T59	9-Oct	18:49	18:57	3
RE00019	T59	10-Oct	18:51	18:54	1

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00020
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T56 **Expected Annual Hours[1] (hh:mm):** 0:41
Turbine: T58 **Expected Annual Hours[1] (hh:mm):** 6:13

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Feb	0.57	1.00	0.72	0.41
Mar	0.61	1.00	0.72	0.44
Jun	0.68	1.00	0.59	0.40
Oct	0.56	1.00	0.72	0.40

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00020	T56	15-Jun	6:22	6:24	1
RE00020	T56	16-Jun	6:21	6:27	2
RE00020	T56	17-Jun	6:21	6:28	3
RE00020	T56	18-Jun	6:21	6:28	3
RE00020	T56	19-Jun	6:21	6:29	3
RE00020	T56	20-Jun	6:21	6:29	3
RE00020	T56	21-Jun	6:21	6:30	4
RE00020	T56	22-Jun	6:22	6:31	4
RE00020	T56	23-Jun	6:22	6:31	4
RE00020	T56	24-Jun	6:22	6:30	3
RE00020	T56	25-Jun	6:22	6:30	3
RE00020	T56	26-Jun	6:23	6:30	3
RE00020	T56	27-Jun	6:23	6:30	3
RE00020	T56	28-Jun	6:24	6:30	2
RE00020	T56	29-Jun	6:25	6:27	1
RE00020	T58	23-Feb	8:14	8:22	3
RE00020	T58	24-Feb	8:12	8:25	5
RE00020	T58	25-Feb	8:10	8:26	7
RE00020	T58	26-Feb	8:08	8:27	8
RE00020	T58	27-Feb	8:06	8:28	9
RE00020	T58	28-Feb	8:04	8:29	10
RE00020	T58	1-Mar	8:02	8:29	12
RE00020	T58	2-Mar	8:01	8:31	13
RE00020	T58	3-Mar	8:00	8:31	14

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00020	T58	4-Mar	8:00	8:31	14
RE00020	T58	5-Mar	7:59	8:29	13
RE00020	T58	6-Mar	7:59	8:29	13
RE00020	T58	7-Mar	7:59	8:28	13
RE00020	T58	8-Mar	8:00	8:27	12
RE00020	T58	9-Mar	8:00	8:26	11
RE00020	T58	10-Mar	8:01	8:25	11
RE00020	T58	11-Mar	8:02	8:24	10
RE00020	T58	12-Mar	8:04	8:22	8
RE00020	T58	13-Mar	8:06	8:19	6
RE00020	T58	2-Oct	8:45	8:58	5
RE00020	T58	3-Oct	8:43	9:01	7
RE00020	T58	4-Oct	8:40	9:02	9
RE00020	T58	5-Oct	8:39	9:03	10
RE00020	T58	6-Oct	8:37	9:04	11
RE00020	T58	7-Oct	8:36	9:04	11
RE00020	T58	8-Oct	8:35	9:04	12
RE00020	T58	9-Oct	8:34	9:04	12
RE00020	T58	10-Oct	8:34	9:04	12
RE00020	T58	11-Oct	8:33	9:04	12
RE00020	T58	12-Oct	8:34	9:04	12
RE00020	T58	13-Oct	8:34	9:04	12
RE00020	T58	14-Oct	8:35	9:03	11
RE00020	T58	15-Oct	8:37	9:02	10
RE00020	T58	16-Oct	8:38	9:01	9
RE00020	T58	17-Oct	8:40	9:00	8
RE00020	T58	18-Oct	8:41	8:58	7
RE00020	T58	19-Oct	8:43	8:57	6
RE00020	T58	20-Oct	8:45	8:55	4
RE00020	T58	21-Oct	8:46	8:50	2

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00021
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine:	T72	**Expected Annual Hours[1] (hh:mm):**	6:21
Turbine:	T74	**Expected Annual Hours[1] (hh:mm):**	5:28
Turbine:	T77	**Expected Annual Hours[1] (hh:mm):**	4:55

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.71	0.36
Mar	0.61	1.00	0.67	0.41
Apr	0.59	1.00	0.65	0.38
May	0.63	1.00	0.65	0.41
Jul	0.77	1.00	0.65	0.50
Aug	0.75	1.00	0.65	0.49
Sep	0.67	1.00	0.67	0.45
Oct	0.56	1.00	0.67	0.38
Nov	0.43	1.00	0.71	0.31
Dec	0.47	1.00	0.71	0.33

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00021	T72	23-Apr	7:16	7:20	2
RE00021	T72	24-Apr	7:14	7:22	3
RE00021	T72	25-Apr	7:12	7:23	4
RE00021	T72	26-Apr	7:10	7:23	5
RE00021	T72	27-Apr	7:09	7:25	6
RE00021	T72	28-Apr	7:07	7:25	7
RE00021	T72	29-Apr	7:05	7:25	8
RE00021	T72	30-Apr	7:04	7:26	8
RE00021	T72	1-May	7:02	7:26	10
RE00021	T72	2-May	7:00	7:25	10
RE00021	T72	3-May	6:59	7:26	11
RE00021	T72	4-May	6:57	7:25	11
RE00021	T72	5-May	6:58	7:25	11
RE00021	T72	6-May	6:58	7:24	11
RE00021	T72	7-May	6:58	7:24	11
RE00021	T72	8-May	6:58	7:23	10
RE00021	T72	9-May	6:59	7:23	10

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00021	T72	10-May	7:01	7:22	9
RE00021	T72	11-May	7:01	7:20	8
RE00021	T72	12-May	7:02	7:20	7
RE00021	T72	13-May	7:03	7:17	6
RE00021	T72	14-May	7:06	7:15	4
RE00021	T72	31-Jul	7:16	7:25	5
RE00021	T72	1-Aug	7:15	7:28	6
RE00021	T72	2-Aug	7:13	7:30	8
RE00021	T72	3-Aug	7:11	7:31	10
RE00021	T72	4-Aug	7:10	7:31	10
RE00021	T72	5-Aug	7:10	7:33	11
RE00021	T72	6-Aug	7:09	7:33	12
RE00021	T72	7-Aug	7:08	7:33	12
RE00021	T72	8-Aug	7:07	7:34	13
RE00021	T72	9-Aug	7:07	7:34	13
RE00021	T72	10-Aug	7:07	7:34	13
RE00021	T72	11-Aug	7:07	7:34	13
RE00021	T72	12-Aug	7:09	7:35	13
RE00021	T72	13-Aug	7:10	7:34	12
RE00021	T72	14-Aug	7:11	7:33	11
RE00021	T72	15-Aug	7:12	7:33	10
RE00021	T72	16-Aug	7:14	7:33	9
RE00021	T72	17-Aug	7:15	7:32	8
RE00021	T72	18-Aug	7:16	7:30	7
RE00021	T72	19-Aug	7:18	7:30	6
RE00021	T72	20-Aug	7:19	7:28	4
RE00021	T72	21-Aug	7:20	7:26	3
RE00021	T72	22-Aug	7:22	7:23	0
RE00021	T74	11-Mar	18:20	18:29	4
RE00021	T74	12-Mar	18:17	18:30	5
RE00021	T74	13-Mar	18:15	18:32	7
RE00021	T74	14-Mar	19:13	19:33	8
RE00021	T74	15-Mar	19:12	19:35	9
RE00021	T74	16-Mar	19:11	19:37	11
RE00021	T74	17-Mar	19:10	19:37	11
RE00021	T74	18-Mar	19:10	19:37	11
RE00021	T74	19-Mar	19:09	19:37	11
RE00021	T74	20-Mar	19:09	19:37	11
RE00021	T74	21-Mar	19:08	19:36	11
RE00021	T74	22-Mar	19:08	19:35	11

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00021	T74	23-Mar	19:09	19:34	10
RE00021	T74	24-Mar	19:09	19:33	10
RE00021	T74	25-Mar	19:10	19:32	9
RE00021	T74	26-Mar	19:11	19:30	8
RE00021	T74	27-Mar	19:13	19:28	6
RE00021	T74	28-Mar	19:17	19:24	3
RE00021	T74	17-Sep	19:04	19:14	4
RE00021	T74	18-Sep	19:01	19:17	7
RE00021	T74	19-Sep	18:59	19:18	9
RE00021	T74	20-Sep	18:57	19:19	10
RE00021	T74	21-Sep	18:56	19:20	11
RE00021	T74	22-Sep	18:54	19:20	12
RE00021	T74	23-Sep	18:53	19:20	12
RE00021	T74	24-Sep	18:53	19:21	13
RE00021	T74	25-Sep	18:52	19:20	13
RE00021	T74	26-Sep	18:52	19:20	13
RE00021	T74	27-Sep	18:51	19:19	13
RE00021	T74	28-Sep	18:51	19:18	12
RE00021	T74	29-Sep	18:52	19:17	11
RE00021	T74	30-Sep	18:52	19:15	10
RE00021	T74	1-Oct	18:53	19:13	8
RE00021	T74	2-Oct	18:54	19:11	6
RE00021	T74	3-Oct	18:56	19:09	5
RE00021	T74	4-Oct	18:58	19:07	3
RE00021	T77	1-Jan	9:16	9:21	2
RE00021	T77	2-Jan	9:15	9:21	2
RE00021	T77	3-Jan	9:15	9:22	3
RE00021	T77	4-Jan	9:15	9:22	3
RE00021	T77	5-Jan	9:15	9:23	3
RE00021	T77	6-Jan	9:15	9:24	3
RE00021	T77	7-Jan	9:14	9:24	4
RE00021	T77	8-Jan	9:14	9:25	4
RE00021	T77	9-Jan	9:13	9:25	4
RE00021	T77	10-Jan	9:13	9:26	5
RE00021	T77	11-Jan	9:12	9:26	5
RE00021	T77	12-Jan	9:12	9:27	5
RE00021	T77	13-Jan	9:11	9:27	6
RE00021	T77	14-Jan	9:10	9:28	7
RE00021	T77	15-Jan	9:10	9:29	7
RE00021	T77	16-Jan	9:09	9:29	7

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00021	T77	17-Jan	9:08	9:29	8
RE00021	T77	18-Jan	9:07	9:29	8
RE00021	T77	19-Jan	9:06	9:29	8
RE00021	T77	20-Jan	9:05	9:29	9
RE00021	T77	21-Jan	9:05	9:29	9
RE00021	T77	22-Jan	9:06	9:28	8
RE00021	T77	23-Jan	9:07	9:28	8
RE00021	T77	24-Jan	9:08	9:28	7
RE00021	T77	25-Jan	9:10	9:27	6
RE00021	T77	26-Jan	9:11	9:26	5
RE00021	T77	27-Jan	9:14	9:25	4
RE00021	T77	28-Jan	9:17	9:21	1
RE00021	T77	16-Nov	8:48	8:56	2
RE00021	T77	17-Nov	8:45	8:58	4
RE00021	T77	18-Nov	8:44	9:00	5
RE00021	T77	19-Nov	8:44	9:02	5
RE00021	T77	20-Nov	8:42	9:02	6
RE00021	T77	21-Nov	8:42	9:04	7
RE00021	T77	22-Nov	8:41	9:04	7
RE00021	T77	23-Nov	8:42	9:05	7
RE00021	T77	24-Nov	8:43	9:06	7
RE00021	T77	25-Nov	8:44	9:06	7
RE00021	T77	26-Nov	8:46	9:07	6
RE00021	T77	27-Nov	8:47	9:07	6
RE00021	T77	28-Nov	8:49	9:08	6
RE00021	T77	29-Nov	8:50	9:08	5
RE00021	T77	30-Nov	8:51	9:08	5
RE00021	T77	1-Dec	8:53	9:09	5
RE00021	T77	2-Dec	8:54	9:09	5
RE00021	T77	3-Dec	8:56	9:10	5
RE00021	T77	4-Dec	8:57	9:10	4
RE00021	T77	5-Dec	8:58	9:10	4
RE00021	T77	6-Dec	8:59	9:10	4
RE00021	T77	7-Dec	9:00	9:10	3
RE00021	T77	8-Dec	9:02	9:11	3
RE00021	T77	9-Dec	9:03	9:11	3
RE00021	T77	10-Dec	9:04	9:11	2
RE00021	T77	11-Dec	9:05	9:11	2
RE00021	T77	12-Dec	9:06	9:12	2
RE00021	T77	13-Dec	9:07	9:12	2

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00021	T77	14-Dec	9:08	9:12	1
RE00021	T77	15-Dec	9:09	9:13	1
RE00021	T77	16-Dec	9:09	9:12	1
RE00021	T77	17-Dec	9:10	9:13	1
RE00021	T77	18-Dec	9:11	9:13	1
RE00021	T77	19-Dec	9:12	9:14	1
RE00021	T77	20-Dec	9:12	9:14	1
RE00021	T77	21-Dec	9:13	9:14	0
RE00021	T77	22-Dec	9:13	9:14	0
RE00021	T77	23-Dec	9:14	9:15	0
RE00021	T77	24-Dec	9:14	9:15	0
RE00021	T77	25-Dec	9:15	9:17	1
RE00021	T77	26-Dec	9:15	9:17	1
RE00021	T77	27-Dec	9:15	9:17	1
RE00021	T77	28-Dec	9:15	9:18	1
RE00021	T77	29-Dec	9:15	9:18	1
RE00021	T77	30-Dec	9:16	9:20	1
RE00021	T77	31-Dec	9:16	9:20	1

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00022
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine:	T56	**Expected Annual Hours[1] (hh:mm):**	10:07
Turbine:	T58	**Expected Annual Hours[1] (hh:mm):**	7:45
Turbine:	T60	**Expected Annual Hours[1] (hh:mm):**	4:49

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.57	0.29
Mar	0.61	1.00	0.66	0.40
May	0.63	1.00	0.72	0.45
Jun	0.68	1.00	0.72	0.49
Jul	0.77	1.00	0.72	0.55
Sep	0.67	1.00	0.66	0.44
Oct	0.56	1.00	0.66	0.37
Nov	0.43	1.00	0.57	0.25
Dec	0.47	1.00	0.57	0.27

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00022	T56	21-May	21:05	21:07	1
RE00022	T56	22-May	21:04	21:08	2
RE00022	T56	23-May	21:03	21:09	3
RE00022	T56	24-May	21:03	21:10	3
RE00022	T56	25-May	21:02	21:11	4
RE00022	T56	26-May	21:02	21:12	5
RE00022	T56	27-May	21:01	21:13	5
RE00022	T56	28-May	21:02	21:15	6
RE00022	T56	29-May	21:01	21:16	7
RE00022	T56	30-May	21:01	21:16	7
RE00022	T56	31-May	21:01	21:17	7
RE00022	T56	1-Jun	21:01	21:19	9
RE00022	T56	2-Jun	21:01	21:19	9
RE00022	T56	3-Jun	21:02	21:21	9
RE00022	T56	4-Jun	21:01	21:21	10
RE00022	T56	5-Jun	21:01	21:21	10
RE00022	T56	6-Jun	21:01	21:23	11
RE00022	T56	7-Jun	21:02	21:24	11

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00022	T56	8-Jun	21:02	21:24	11
RE00022	T56	9-Jun	21:02	21:25	11
RE00022	T56	10-Jun	21:03	21:26	11
RE00022	T56	11-Jun	21:02	21:26	12
RE00022	T56	12-Jun	21:03	21:27	12
RE00022	T56	13-Jun	21:03	21:27	12
RE00022	T56	14-Jun	21:04	21:28	12
RE00022	T56	15-Jun	21:04	21:28	12
RE00022	T56	16-Jun	21:04	21:29	12
RE00022	T56	17-Jun	21:04	21:29	12
RE00022	T56	18-Jun	21:05	21:30	12
RE00022	T56	19-Jun	21:05	21:30	12
RE00022	T56	20-Jun	21:05	21:30	12
RE00022	T56	21-Jun	21:05	21:30	12
RE00022	T56	22-Jun	21:05	21:30	12
RE00022	T56	23-Jun	21:06	21:31	12
RE00022	T56	24-Jun	21:06	21:31	12
RE00022	T56	25-Jun	21:06	21:31	12
RE00022	T56	26-Jun	21:07	21:32	12
RE00022	T56	27-Jun	21:06	21:31	12
RE00022	T56	28-Jun	21:06	21:31	12
RE00022	T56	29-Jun	21:07	21:31	12
RE00022	T56	30-Jun	21:07	21:31	12
RE00022	T56	1-Jul	21:07	21:31	13
RE00022	T56	2-Jul	21:07	21:31	13
RE00022	T56	3-Jul	21:07	21:31	13
RE00022	T56	4-Jul	21:08	21:31	13
RE00022	T56	5-Jul	21:07	21:30	13
RE00022	T56	6-Jul	21:08	21:30	12
RE00022	T56	7-Jul	21:08	21:30	12
RE00022	T56	8-Jul	21:08	21:30	12
RE00022	T56	9-Jul	21:08	21:28	11
RE00022	T56	10-Jul	21:08	21:28	11
RE00022	T56	11-Jul	21:09	21:28	11
RE00022	T56	12-Jul	21:09	21:27	10
RE00022	T56	13-Jul	21:09	21:27	10
RE00022	T56	14-Jul	21:10	21:26	9
RE00022	T56	15-Jul	21:10	21:26	9
RE00022	T56	16-Jul	21:10	21:25	8
RE00022	T56	17-Jul	21:11	21:24	7

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00022	T56	18-Jul	21:11	21:23	7
RE00022	T56	19-Jul	21:12	21:22	6
RE00022	T56	20-Jul	21:12	21:21	5
RE00022	T56	21-Jul	21:13	21:20	4
RE00022	T56	22-Jul	21:13	21:19	3
RE00022	T56	23-Jul	21:14	21:18	2
RE00022	T56	24-Jul	21:15	21:17	1
RE00022	T58	3-Mar	18:14	18:16	1
RE00022	T58	4-Mar	18:09	18:17	3
RE00022	T58	5-Mar	18:06	18:19	5
RE00022	T58	6-Mar	18:04	18:20	6
RE00022	T58	7-Mar	18:03	18:22	8
RE00022	T58	8-Mar	18:01	18:24	9
RE00022	T58	9-Mar	18:00	18:25	10
RE00022	T58	10-Mar	17:59	18:27	11
RE00022	T58	11-Mar	17:58	18:29	12
RE00022	T58	12-Mar	17:58	18:30	13
RE00022	T58	13-Mar	17:57	18:32	14
RE00022	T58	14-Mar	18:57	19:33	14
RE00022	T58	15-Mar	18:57	19:32	14
RE00022	T58	16-Mar	18:57	19:32	14
RE00022	T58	17-Mar	18:57	19:31	14
RE00022	T58	18-Mar	18:58	19:31	13
RE00022	T58	19-Mar	18:57	19:29	13
RE00022	T58	20-Mar	18:58	19:28	12
RE00022	T58	21-Mar	18:59	19:27	11
RE00022	T58	22-Mar	19:00	19:25	10
RE00022	T58	23-Mar	19:01	19:23	9
RE00022	T58	24-Mar	19:03	19:21	7
RE00022	T58	25-Mar	19:07	19:17	4
RE00022	T58	20-Sep	18:53	19:04	5
RE00022	T58	21-Sep	18:49	19:07	8
RE00022	T58	22-Sep	18:47	19:09	10
RE00022	T58	23-Sep	18:44	19:10	11
RE00022	T58	24-Sep	18:43	19:12	13
RE00022	T58	25-Sep	18:41	19:12	14
RE00022	T58	26-Sep	18:40	19:12	14
RE00022	T58	27-Sep	18:39	19:13	15
RE00022	T58	28-Sep	18:38	19:12	15
RE00022	T58	29-Sep	18:38	19:13	15

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00022	T58	30-Sep	18:37	19:12	15
RE00022	T58	1-Oct	18:37	19:13	13
RE00022	T58	2-Oct	18:36	19:11	13
RE00022	T58	3-Oct	18:36	19:08	12
RE00022	T58	4-Oct	18:37	19:07	11
RE00022	T58	5-Oct	18:36	19:04	10
RE00022	T58	6-Oct	18:37	19:02	9
RE00022	T58	7-Oct	18:37	19:00	9
RE00022	T58	8-Oct	18:39	18:58	7
RE00022	T58	9-Oct	18:39	18:56	6
RE00022	T58	10-Oct	18:41	18:54	5
RE00022	T58	11-Oct	18:43	18:52	3
RE00022	T58	12-Oct	18:47	18:50	1
RE00022	T60	1-Jan	15:53	16:20	8
RE00022	T60	2-Jan	15:53	16:20	8
RE00022	T60	3-Jan	15:54	16:20	8
RE00022	T60	4-Jan	15:55	16:20	7
RE00022	T60	5-Jan	15:56	16:20	7
RE00022	T60	6-Jan	15:57	16:21	7
RE00022	T60	7-Jan	15:58	16:20	6
RE00022	T60	8-Jan	15:59	16:20	6
RE00022	T60	9-Jan	16:00	16:19	6
RE00022	T60	10-Jan	16:01	16:19	5
RE00022	T60	11-Jan	16:03	16:18	4
RE00022	T60	12-Jan	16:05	16:17	3
RE00022	T60	13-Jan	16:07	16:15	2
RE00022	T60	30-Nov	15:51	15:53	0
RE00022	T60	1-Dec	15:48	15:58	3
RE00022	T60	2-Dec	15:46	16:00	4
RE00022	T60	3-Dec	15:45	16:01	4
RE00022	T60	4-Dec	15:45	16:03	5
RE00022	T60	5-Dec	15:44	16:04	5
RE00022	T60	6-Dec	15:44	16:05	6
RE00022	T60	7-Dec	15:43	16:06	6
RE00022	T60	8-Dec	15:44	16:08	6
RE00022	T60	9-Dec	15:44	16:08	6
RE00022	T60	10-Dec	15:44	16:09	7
RE00022	T60	11-Dec	15:44	16:10	7
RE00022	T60	12-Dec	15:44	16:10	7
RE00022	T60	13-Dec	15:44	16:11	7

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00022	T60	14-Dec	15:44	16:12	8
RE00022	T60	15-Dec	15:45	16:13	8
RE00022	T60	16-Dec	15:44	16:12	8
RE00022	T60	17-Dec	15:45	16:13	8
RE00022	T60	18-Dec	15:45	16:14	8
RE00022	T60	19-Dec	15:46	16:15	8
RE00022	T60	20-Dec	15:46	16:15	8
RE00022	T60	21-Dec	15:47	16:16	8
RE00022	T60	22-Dec	15:47	16:16	8
RE00022	T60	23-Dec	15:48	16:17	8
RE00022	T60	24-Dec	15:48	16:17	8
RE00022	T60	25-Dec	15:49	16:18	8
RE00022	T60	26-Dec	15:49	16:18	8
RE00022	T60	27-Dec	15:49	16:18	8
RE00022	T60	28-Dec	15:50	16:18	8
RE00022	T60	29-Dec	15:50	16:18	8
RE00022	T60	30-Dec	15:52	16:20	8
RE00022	T60	31-Dec	15:52	16:20	8

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00023
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine:	T56	**Expected Annual Hours[1] (hh:mm):**	5:13
Turbine:	T58	**Expected Annual Hours[1] (hh:mm):**	5:00
Turbine:	T60	**Expected Annual Hours[1] (hh:mm):**	2:23

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.57	0.29
Feb	0.57	1.00	0.65	0.37
Mar	0.61	1.00	0.65	0.40
May	0.63	1.00	0.72	0.45
Jul	0.77	1.00	0.72	0.55
Aug	0.75	1.00	0.72	0.54
Oct	0.56	1.00	0.65	0.36
Dec	0.47	1.00	0.57	0.27

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00023	T56	3-May	20:43	20:44	0
RE00023	T56	4-May	20:41	20:45	2
RE00023	T56	5-May	20:41	20:47	3
RE00023	T56	6-May	20:39	20:48	4
RE00023	T56	7-May	20:39	20:50	5
RE00023	T56	8-May	20:38	20:51	6
RE00023	T56	9-May	20:38	20:52	6
RE00023	T56	10-May	20:37	20:53	7
RE00023	T56	11-May	20:37	20:55	8
RE00023	T56	12-May	20:38	20:56	8
RE00023	T56	13-May	20:37	20:57	9
RE00023	T56	14-May	20:38	20:58	9
RE00023	T56	15-May	20:38	21:00	10
RE00023	T56	16-May	20:38	21:00	10
RE00023	T56	17-May	20:39	21:00	10
RE00023	T56	18-May	20:39	21:00	10
RE00023	T56	19-May	20:40	20:59	9
RE00023	T56	20-May	20:41	20:58	8
RE00023	T56	21-May	20:42	20:57	7

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00023	T56	22-May	20:44	20:56	5
RE00023	T56	23-May	20:45	20:55	5
RE00023	T56	24-May	20:49	20:52	1
RE00023	T56	21-Jul	21:00	21:01	1
RE00023	T56	22-Jul	20:56	21:05	5
RE00023	T56	23-Jul	20:54	21:06	7
RE00023	T56	24-Jul	20:53	21:07	8
RE00023	T56	25-Jul	20:51	21:08	9
RE00023	T56	26-Jul	20:50	21:09	11
RE00023	T56	27-Jul	20:50	21:10	11
RE00023	T56	28-Jul	20:50	21:11	12
RE00023	T56	29-Jul	20:49	21:11	12
RE00023	T56	30-Jul	20:49	21:10	12
RE00023	T56	31-Jul	20:48	21:09	12
RE00023	T56	1-Aug	20:47	21:07	11
RE00023	T56	2-Aug	20:48	21:07	10
RE00023	T56	3-Aug	20:48	21:05	9
RE00023	T56	4-Aug	20:47	21:04	9
RE00023	T56	5-Aug	20:47	21:02	8
RE00023	T56	6-Aug	20:48	21:01	7
RE00023	T56	7-Aug	20:48	21:00	6
RE00023	T56	8-Aug	20:48	20:58	5
RE00023	T56	9-Aug	20:49	20:56	4
RE00023	T56	10-Aug	20:50	20:55	3
RE00023	T56	11-Aug	20:51	20:53	1
RE00023	T58	22-Feb	18:00	18:01	0
RE00023	T58	23-Feb	17:57	18:03	2
RE00023	T58	24-Feb	17:55	18:04	3
RE00023	T58	25-Feb	17:53	18:06	5
RE00023	T58	26-Feb	17:52	18:07	6
RE00023	T58	27-Feb	17:50	18:09	7
RE00023	T58	28-Feb	17:50	18:11	8
RE00023	T58	1-Mar	17:49	18:12	9
RE00023	T58	2-Mar	17:48	18:14	10
RE00023	T58	3-Mar	17:48	18:16	11
RE00023	T58	4-Mar	17:48	18:17	11
RE00023	T58	5-Mar	17:48	18:18	12
RE00023	T58	6-Mar	17:48	18:17	11
RE00023	T58	7-Mar	17:48	18:17	11
RE00023	T58	8-Mar	17:49	18:16	11

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00023	T58	9-Mar	17:50	18:15	10
RE00023	T58	10-Mar	17:51	18:13	9
RE00023	T58	11-Mar	17:52	18:12	8
RE00023	T58	12-Mar	17:54	18:09	6
RE00023	T58	13-Mar	17:58	18:05	3
RE00023	T58	2-Oct	18:37	18:44	3
RE00023	T58	3-Oct	18:32	18:47	5
RE00023	T58	4-Oct	18:30	18:50	7
RE00023	T58	5-Oct	18:28	18:50	8
RE00023	T58	6-Oct	18:27	18:52	9
RE00023	T58	7-Oct	18:25	18:52	10
RE00023	T58	8-Oct	18:25	18:53	10
RE00023	T58	9-Oct	18:23	18:53	11
RE00023	T58	10-Oct	18:23	18:53	11
RE00023	T58	11-Oct	18:22	18:52	11
RE00023	T58	12-Oct	18:22	18:50	10
RE00023	T58	13-Oct	18:22	18:48	9
RE00023	T58	14-Oct	18:22	18:46	9
RE00023	T58	15-Oct	18:23	18:44	8
RE00023	T58	16-Oct	18:23	18:42	7
RE00023	T58	17-Oct	18:24	18:40	6
RE00023	T58	18-Oct	18:24	18:38	5
RE00023	T58	19-Oct	18:26	18:36	4
RE00023	T58	20-Oct	18:27	18:34	3
RE00023	T58	21-Oct	18:29	18:32	1
RE00023	T60	1-Jan	16:02	16:19	5
RE00023	T60	2-Jan	16:02	16:18	5
RE00023	T60	3-Jan	16:04	16:18	4
RE00023	T60	4-Jan	16:05	16:18	4
RE00023	T60	5-Jan	16:07	16:18	3
RE00023	T60	6-Jan	16:09	16:17	2
RE00023	T60	7-Jan	16:11	16:14	1
RE00023	T60	7-Dec	15:56	16:01	1
RE00023	T60	8-Dec	15:55	16:04	2
RE00023	T60	9-Dec	15:54	16:06	3
RE00023	T60	10-Dec	15:54	16:07	3
RE00023	T60	11-Dec	15:53	16:08	4
RE00023	T60	12-Dec	15:53	16:09	4
RE00023	T60	13-Dec	15:53	16:10	5
RE00023	T60	14-Dec	15:53	16:11	5

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00023	T60	15-Dec	15:53	16:12	5
RE00023	T60	16-Dec	15:53	16:12	5
RE00023	T60	17-Dec	15:53	16:13	5
RE00023	T60	18-Dec	15:54	16:14	5
RE00023	T60	19-Dec	15:54	16:15	6
RE00023	T60	20-Dec	15:54	16:15	6
RE00023	T60	21-Dec	15:55	16:16	6
RE00023	T60	22-Dec	15:55	16:16	6
RE00023	T60	23-Dec	15:56	16:17	6
RE00023	T60	24-Dec	15:56	16:17	6
RE00023	T60	25-Dec	15:57	16:18	6
RE00023	T60	26-Dec	15:57	16:18	6
RE00023	T60	27-Dec	15:58	16:18	5
RE00023	T60	28-Dec	15:58	16:18	5
RE00023	T60	29-Dec	15:59	16:18	5
RE00023	T60	30-Dec	16:01	16:19	5
RE00023	T60	31-Dec	16:01	16:19	5

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00024
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine:	T72	**Expected Annual Hours[1] (hh:mm):**	17:22
Turbine:	T74	**Expected Annual Hours[1] (hh:mm):**	3:51
Turbine:	T77	**Expected Annual Hours[1] (hh:mm):**	8:33

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.70	0.36
Mar	0.61	1.00	0.68	0.41
May	0.63	1.00	0.63	0.40
Jun	0.68	1.00	0.63	0.43
Jul	0.77	1.00	0.63	0.49
Aug	0.75	1.00	0.63	0.47
Sep	0.67	1.00	0.68	0.46
Nov	0.43	1.00	0.70	0.30
Dec	0.47	1.00	0.70	0.33

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00024	T72	6-May	6:54	6:59	2
RE00024	T72	7-May	6:53	7:02	4
RE00024	T72	8-May	6:51	7:03	5
RE00024	T72	9-May	6:50	7:05	6
RE00024	T72	10-May	6:48	7:05	7
RE00024	T72	11-May	6:47	7:06	8
RE00024	T72	12-May	6:46	7:07	8
RE00024	T72	13-May	6:44	7:07	9
RE00024	T72	14-May	6:43	7:08	10
RE00024	T72	15-May	6:42	7:09	11
RE00024	T72	16-May	6:41	7:09	11
RE00024	T72	17-May	6:40	7:10	12
RE00024	T72	18-May	6:38	7:09	12
RE00024	T72	19-May	6:37	7:09	13
RE00024	T72	20-May	6:36	7:10	13
RE00024	T72	21-May	6:36	7:10	13
RE00024	T72	22-May	6:36	7:10	13
RE00024	T72	23-May	6:36	7:10	13

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00024	T72	24-May	6:36	7:10	13
RE00024	T72	25-May	6:36	7:10	13
RE00024	T72	26-May	6:36	7:09	13
RE00024	T72	27-May	6:38	7:10	13
RE00024	T72	28-May	6:38	7:10	13
RE00024	T72	29-May	6:38	7:09	12
RE00024	T72	30-May	6:38	7:09	12
RE00024	T72	31-May	6:39	7:09	12
RE00024	T72	1-Jun	6:39	7:09	13
RE00024	T72	2-Jun	6:39	7:08	12
RE00024	T72	3-Jun	6:40	7:09	12
RE00024	T72	4-Jun	6:40	7:08	12
RE00024	T72	5-Jun	6:41	7:08	12
RE00024	T72	6-Jun	6:42	7:07	11
RE00024	T72	7-Jun	6:42	7:08	11
RE00024	T72	8-Jun	6:43	7:08	11
RE00024	T72	9-Jun	6:43	7:07	10
RE00024	T72	10-Jun	6:44	7:07	10
RE00024	T72	11-Jun	6:45	7:07	9
RE00024	T72	12-Jun	6:46	7:07	9
RE00024	T72	13-Jun	6:45	7:06	9
RE00024	T72	14-Jun	6:46	7:06	9
RE00024	T72	15-Jun	6:47	7:06	8
RE00024	T72	16-Jun	6:47	7:06	8
RE00024	T72	17-Jun	6:48	7:06	8
RE00024	T72	18-Jun	6:48	7:06	8
RE00024	T72	19-Jun	6:48	7:06	8
RE00024	T72	20-Jun	6:49	7:06	7
RE00024	T72	21-Jun	6:50	7:07	7
RE00024	T72	22-Jun	6:50	7:07	7
RE00024	T72	23-Jun	6:50	7:07	7
RE00024	T72	24-Jun	6:50	7:07	7
RE00024	T72	25-Jun	6:50	7:08	8
RE00024	T72	26-Jun	6:50	7:08	8
RE00024	T72	27-Jun	6:50	7:08	8
RE00024	T72	28-Jun	6:50	7:09	8
RE00024	T72	29-Jun	6:50	7:09	8
RE00024	T72	30-Jun	6:50	7:10	9
RE00024	T72	1-Jul	6:49	7:10	10
RE00024	T72	2-Jul	6:50	7:11	10

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00024	T72	3-Jul	6:49	7:11	11
RE00024	T72	4-Jul	6:49	7:12	11
RE00024	T72	5-Jul	6:49	7:13	12
RE00024	T72	6-Jul	6:48	7:13	12
RE00024	T72	7-Jul	6:48	7:14	13
RE00024	T72	8-Jul	6:49	7:15	13
RE00024	T72	9-Jul	6:49	7:15	13
RE00024	T72	10-Jul	6:47	7:15	14
RE00024	T72	11-Jul	6:47	7:16	14
RE00024	T72	12-Jul	6:47	7:16	14
RE00024	T72	13-Jul	6:47	7:17	15
RE00024	T72	14-Jul	6:47	7:17	15
RE00024	T72	15-Jul	6:47	7:18	15
RE00024	T72	16-Jul	6:47	7:18	15
RE00024	T72	17-Jul	6:47	7:19	16
RE00024	T72	18-Jul	6:47	7:19	16
RE00024	T72	19-Jul	6:47	7:19	16
RE00024	T72	20-Jul	6:46	7:20	16
RE00024	T72	21-Jul	6:46	7:20	16
RE00024	T72	22-Jul	6:46	7:20	16
RE00024	T72	23-Jul	6:46	7:20	16
RE00024	T72	24-Jul	6:46	7:20	16
RE00024	T72	25-Jul	6:46	7:20	16
RE00024	T72	26-Jul	6:48	7:21	16
RE00024	T72	27-Jul	6:49	7:20	15
RE00024	T72	28-Jul	6:50	7:20	15
RE00024	T72	29-Jul	6:51	7:20	14
RE00024	T72	30-Jul	6:52	7:19	13
RE00024	T72	31-Jul	6:53	7:18	12
RE00024	T72	1-Aug	6:55	7:19	11
RE00024	T72	2-Aug	6:56	7:18	10
RE00024	T72	3-Aug	6:57	7:17	9
RE00024	T72	4-Aug	6:58	7:16	9
RE00024	T72	5-Aug	7:00	7:15	7
RE00024	T72	6-Aug	7:01	7:14	6
RE00024	T72	7-Aug	7:02	7:12	5
RE00024	T72	8-Aug	7:03	7:09	3
RE00024	T72	9-Aug	7:05	7:06	0
RE00024	T74	16-Mar	19:33	19:37	2
RE00024	T74	17-Mar	19:30	19:38	3

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00024	T74	18-Mar	19:28	19:40	5
RE00024	T74	19-Mar	19:26	19:41	6
RE00024	T74	20-Mar	19:24	19:42	7
RE00024	T74	21-Mar	19:23	19:44	9
RE00024	T74	22-Mar	19:23	19:45	9
RE00024	T74	23-Mar	19:22	19:46	10
RE00024	T74	24-Mar	19:22	19:46	10
RE00024	T74	25-Mar	19:22	19:46	10
RE00024	T74	26-Mar	19:22	19:45	10
RE00024	T74	27-Mar	19:23	19:44	9
RE00024	T74	28-Mar	19:24	19:43	8
RE00024	T74	29-Mar	19:25	19:41	7
RE00024	T74	30-Mar	19:27	19:38	5
RE00024	T74	14-Sep	19:20	19:26	3
RE00024	T74	15-Sep	19:16	19:29	6
RE00024	T74	16-Sep	19:14	19:31	8
RE00024	T74	17-Sep	19:12	19:31	9
RE00024	T74	18-Sep	19:11	19:33	10
RE00024	T74	19-Sep	19:10	19:33	10
RE00024	T74	20-Sep	19:09	19:32	10
RE00024	T74	21-Sep	19:09	19:33	11
RE00024	T74	22-Sep	19:08	19:32	11
RE00024	T74	23-Sep	19:07	19:30	10
RE00024	T74	24-Sep	19:08	19:28	9
RE00024	T74	25-Sep	19:08	19:26	8
RE00024	T74	26-Sep	19:09	19:24	7
RE00024	T74	27-Sep	19:10	19:22	5
RE00024	T74	28-Sep	19:11	19:19	4
RE00024	T74	29-Sep	19:15	19:17	1
RE00024	T77	1-Jan	9:16	9:43	10
RE00024	T77	2-Jan	9:15	9:43	10
RE00024	T77	3-Jan	9:15	9:43	10
RE00024	T77	4-Jan	9:15	9:44	10
RE00024	T77	5-Jan	9:15	9:44	10
RE00024	T77	6-Jan	9:15	9:45	11
RE00024	T77	7-Jan	9:15	9:45	11
RE00024	T77	8-Jan	9:16	9:45	10
RE00024	T77	9-Jan	9:16	9:45	10
RE00024	T77	10-Jan	9:17	9:46	10
RE00024	T77	11-Jan	9:17	9:45	10

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00024	T77	12-Jan	9:19	9:46	10
RE00024	T77	13-Jan	9:19	9:46	10
RE00024	T77	14-Jan	9:20	9:45	9
RE00024	T77	15-Jan	9:21	9:46	9
RE00024	T77	16-Jan	9:22	9:45	8
RE00024	T77	17-Jan	9:23	9:45	8
RE00024	T77	18-Jan	9:24	9:44	7
RE00024	T77	19-Jan	9:25	9:43	6
RE00024	T77	20-Jan	9:27	9:42	5
RE00024	T77	21-Jan	9:29	9:40	4
RE00024	T77	22-Jan	9:34	9:35	0
RE00024	T77	22-Nov	9:07	9:14	2
RE00024	T77	23-Nov	9:05	9:17	4
RE00024	T77	24-Nov	9:04	9:20	5
RE00024	T77	25-Nov	9:02	9:21	6
RE00024	T77	26-Nov	9:02	9:23	6
RE00024	T77	27-Nov	9:01	9:23	7
RE00024	T77	28-Nov	9:01	9:25	7
RE00024	T77	29-Nov	9:01	9:25	7
RE00024	T77	30-Nov	9:00	9:26	8
RE00024	T77	1-Dec	9:01	9:27	9
RE00024	T77	2-Dec	9:00	9:28	9
RE00024	T77	3-Dec	9:00	9:28	9
RE00024	T77	4-Dec	9:01	9:29	9
RE00024	T77	5-Dec	9:01	9:30	10
RE00024	T77	6-Dec	9:01	9:30	10
RE00024	T77	7-Dec	9:01	9:31	10
RE00024	T77	8-Dec	9:02	9:32	10
RE00024	T77	9-Dec	9:03	9:32	10
RE00024	T77	10-Dec	9:04	9:33	10
RE00024	T77	11-Dec	9:05	9:33	9
RE00024	T77	12-Dec	9:06	9:34	9
RE00024	T77	13-Dec	9:07	9:34	9
RE00024	T77	14-Dec	9:08	9:35	9
RE00024	T77	15-Dec	9:09	9:35	9
RE00024	T77	16-Dec	9:09	9:35	9
RE00024	T77	17-Dec	9:10	9:36	9
RE00024	T77	18-Dec	9:11	9:36	8
RE00024	T77	19-Dec	9:12	9:37	8
RE00024	T77	20-Dec	9:12	9:37	8

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00024	T77	21-Dec	9:13	9:38	8
RE00024	T77	22-Dec	9:13	9:38	8
RE00024	T77	23-Dec	9:14	9:39	8
RE00024	T77	24-Dec	9:14	9:39	8
RE00024	T77	25-Dec	9:15	9:40	8
RE00024	T77	26-Dec	9:15	9:40	8
RE00024	T77	27-Dec	9:15	9:40	8
RE00024	T77	28-Dec	9:15	9:41	9
RE00024	T77	29-Dec	9:15	9:41	9
RE00024	T77	30-Dec	9:16	9:42	9
RE00024	T77	31-Dec	9:16	9:43	9

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00025
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine:	T60	**Expected Annual Hours[1] (hh:mm):**	6:59
Turbine:	T64	**Expected Annual Hours[1] (hh:mm):**	4:12
Turbine:	T66	**Expected Annual Hours[1] (hh:mm):**	9:16

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.70	0.36
Feb	0.57	1.00	0.61	0.35
Apr	0.59	1.00	0.71	0.42
May	0.63	1.00	0.71	0.45
Aug	0.75	1.00	0.71	0.53
Sep	0.67	1.00	0.71	0.48
Oct	0.56	1.00	0.61	0.34
Nov	0.43	1.00	0.67	0.29
Dec	0.47	1.00	0.71	0.33

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00025	T60	11-Apr	20:09	20:14	2
RE00025	T60	12-Apr	20:07	20:15	3
RE00025	T60	13-Apr	20:05	20:16	5
RE00025	T60	14-Apr	20:03	20:18	6
RE00025	T60	15-Apr	20:02	20:19	7
RE00025	T60	16-Apr	20:01	20:20	8
RE00025	T60	17-Apr	20:00	20:22	9
RE00025	T60	18-Apr	20:00	20:24	10
RE00025	T60	19-Apr	20:00	20:25	10
RE00025	T60	20-Apr	19:59	20:26	11
RE00025	T60	21-Apr	19:59	20:28	12
RE00025	T60	22-Apr	19:59	20:29	13
RE00025	T60	23-Apr	19:59	20:28	12
RE00025	T60	24-Apr	20:00	20:28	12
RE00025	T60	25-Apr	20:00	20:28	12
RE00025	T60	26-Apr	20:00	20:26	11
RE00025	T60	27-Apr	20:01	20:25	10
RE00025	T60	28-Apr	20:02	20:24	9

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00025	T60	29-Apr	20:03	20:23	8
RE00025	T60	30-Apr	20:04	20:20	7
RE00025	T60	1-May	20:08	20:18	4
RE00025	T60	13-Aug	20:17	20:26	5
RE00025	T60	14-Aug	20:14	20:28	7
RE00025	T60	15-Aug	20:11	20:30	10
RE00025	T60	16-Aug	20:10	20:32	12
RE00025	T60	17-Aug	20:08	20:32	13
RE00025	T60	18-Aug	20:07	20:33	14
RE00025	T60	19-Aug	20:06	20:33	14
RE00025	T60	20-Aug	20:05	20:34	15
RE00025	T60	21-Aug	20:04	20:34	16
RE00025	T60	22-Aug	20:03	20:34	17
RE00025	T60	23-Aug	20:04	20:33	15
RE00025	T60	24-Aug	20:03	20:31	15
RE00025	T60	25-Aug	20:02	20:29	14
RE00025	T60	26-Aug	20:03	20:27	13
RE00025	T60	27-Aug	20:03	20:25	12
RE00025	T60	28-Aug	20:02	20:23	11
RE00025	T60	29-Aug	20:03	20:22	10
RE00025	T60	30-Aug	20:04	20:19	8
RE00025	T60	31-Aug	20:04	20:17	7
RE00025	T60	1-Sep	20:06	20:16	5
RE00025	T60	2-Sep	20:07	20:14	3
RE00025	T60	3-Sep	20:09	20:11	1
RE00025	T64	26-Jan	17:12	17:15	1
RE00025	T64	27-Jan	17:11	17:16	2
RE00025	T64	28-Jan	17:10	17:17	2
RE00025	T64	29-Jan	17:09	17:19	4
RE00025	T64	30-Jan	17:09	17:21	4
RE00025	T64	31-Jan	17:08	17:23	5
RE00025	T64	1-Feb	17:08	17:25	6
RE00025	T64	2-Feb	17:09	17:27	6
RE00025	T64	3-Feb	17:08	17:28	7
RE00025	T64	4-Feb	17:08	17:30	8
RE00025	T64	5-Feb	17:08	17:32	8
RE00025	T64	6-Feb	17:09	17:34	9
RE00025	T64	7-Feb	17:09	17:35	9
RE00025	T64	8-Feb	17:09	17:36	9
RE00025	T64	9-Feb	17:10	17:37	9

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00025	T64	10-Feb	17:10	17:37	9
RE00025	T64	11-Feb	17:10	17:36	9
RE00025	T64	12-Feb	17:12	17:35	8
RE00025	T64	13-Feb	17:13	17:34	7
RE00025	T64	14-Feb	17:14	17:32	6
RE00025	T64	15-Feb	17:18	17:30	4
RE00025	T64	16-Feb	17:22	17:25	1
RE00025	T64	28-Oct	17:47	17:58	4
RE00025	T64	29-Oct	17:45	18:01	5
RE00025	T64	30-Oct	17:43	18:03	7
RE00025	T64	31-Oct	17:42	18:05	8
RE00025	T64	1-Nov	17:40	18:05	7
RE00025	T64	2-Nov	17:40	18:06	7
RE00025	T64	3-Nov	17:40	18:07	8
RE00025	T64	4-Nov	17:38	18:07	8
RE00025	T64	5-Nov	17:38	18:06	8
RE00025	T64	6-Nov	17:39	18:04	7
RE00025	T64	7-Nov	16:38	17:02	7
RE00025	T64	8-Nov	16:38	17:01	7
RE00025	T64	9-Nov	16:39	17:00	6
RE00025	T64	10-Nov	16:38	16:57	5
RE00025	T64	11-Nov	16:39	16:56	5
RE00025	T64	12-Nov	16:40	16:55	4
RE00025	T64	13-Nov	16:41	16:54	4
RE00025	T64	14-Nov	16:41	16:52	3
RE00025	T64	15-Nov	16:42	16:51	3
RE00025	T64	16-Nov	16:43	16:50	2
RE00025	T64	17-Nov	16:44	16:48	1
RE00025	T64	18-Nov	16:46	16:47	0
RE00025	T66	1-Jan	9:15	9:27	4
RE00025	T66	2-Jan	9:15	9:27	4
RE00025	T66	3-Jan	9:15	9:28	5
RE00025	T66	4-Jan	9:15	9:29	5
RE00025	T66	5-Jan	9:15	9:30	5
RE00025	T66	6-Jan	9:15	9:31	6
RE00025	T66	7-Jan	9:14	9:31	6
RE00025	T66	8-Jan	9:14	9:32	6
RE00025	T66	9-Jan	9:13	9:33	7
RE00025	T66	10-Jan	9:13	9:34	7
RE00025	T66	11-Jan	9:12	9:34	8

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00025	T66	12-Jan	9:12	9:35	8
RE00025	T66	13-Jan	9:11	9:35	9
RE00025	T66	14-Jan	9:10	9:36	9
RE00025	T66	15-Jan	9:10	9:37	10
RE00025	T66	16-Jan	9:09	9:37	10
RE00025	T66	17-Jan	9:08	9:37	10
RE00025	T66	18-Jan	9:07	9:38	11
RE00025	T66	19-Jan	9:06	9:38	11
RE00025	T66	20-Jan	9:06	9:38	11
RE00025	T66	21-Jan	9:06	9:38	11
RE00025	T66	22-Jan	9:07	9:38	11
RE00025	T66	23-Jan	9:08	9:39	11
RE00025	T66	24-Jan	9:08	9:39	11
RE00025	T66	25-Jan	9:09	9:39	11
RE00025	T66	26-Jan	9:10	9:39	10
RE00025	T66	27-Jan	9:11	9:38	10
RE00025	T66	28-Jan	9:11	9:37	9
RE00025	T66	29-Jan	9:12	9:37	9
RE00025	T66	30-Jan	9:14	9:36	8
RE00025	T66	31-Jan	9:15	9:34	7
RE00025	T66	1-Feb	9:17	9:33	6
RE00025	T66	2-Feb	9:20	9:31	4
RE00025	T66	10-Nov	8:52	8:59	2
RE00025	T66	11-Nov	8:49	9:03	4
RE00025	T66	12-Nov	8:48	9:05	5
RE00025	T66	13-Nov	8:47	9:07	6
RE00025	T66	14-Nov	8:45	9:08	7
RE00025	T66	15-Nov	8:44	9:10	7
RE00025	T66	16-Nov	8:44	9:11	8
RE00025	T66	17-Nov	8:43	9:11	8
RE00025	T66	18-Nov	8:43	9:12	8
RE00025	T66	19-Nov	8:42	9:12	9
RE00025	T66	20-Nov	8:43	9:13	9
RE00025	T66	21-Nov	8:43	9:14	9
RE00025	T66	22-Nov	8:42	9:14	9
RE00025	T66	23-Nov	8:43	9:15	9
RE00025	T66	24-Nov	8:43	9:15	9
RE00025	T66	25-Nov	8:44	9:15	9
RE00025	T66	26-Nov	8:45	9:15	9
RE00025	T66	27-Nov	8:47	9:16	8

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00025	T66	28-Nov	8:48	9:16	8
RE00025	T66	29-Nov	8:50	9:16	7
RE00025	T66	30-Nov	8:51	9:16	7
RE00025	T66	1-Dec	8:53	9:17	8
RE00025	T66	2-Dec	8:54	9:17	8
RE00025	T66	3-Dec	8:55	9:17	7
RE00025	T66	4-Dec	8:57	9:17	7
RE00025	T66	5-Dec	8:58	9:17	6
RE00025	T66	6-Dec	8:59	9:17	6
RE00025	T66	7-Dec	9:00	9:17	6
RE00025	T66	8-Dec	9:02	9:18	5
RE00025	T66	9-Dec	9:03	9:18	5
RE00025	T66	10-Dec	9:04	9:18	5
RE00025	T66	11-Dec	9:05	9:18	4
RE00025	T66	12-Dec	9:06	9:18	4
RE00025	T66	13-Dec	9:07	9:18	4
RE00025	T66	14-Dec	9:08	9:19	4
RE00025	T66	15-Dec	9:09	9:19	3
RE00025	T66	16-Dec	9:09	9:18	3
RE00025	T66	17-Dec	9:10	9:19	3
RE00025	T66	18-Dec	9:11	9:19	3
RE00025	T66	19-Dec	9:11	9:19	3
RE00025	T66	20-Dec	9:12	9:20	3
RE00025	T66	21-Dec	9:13	9:21	3
RE00025	T66	22-Dec	9:13	9:20	2
RE00025	T66	23-Dec	9:14	9:21	2
RE00025	T66	24-Dec	9:14	9:22	3
RE00025	T66	25-Dec	9:14	9:22	3
RE00025	T66	26-Dec	9:15	9:23	3
RE00025	T66	27-Dec	9:15	9:23	3
RE00025	T66	28-Dec	9:15	9:24	3
RE00025	T66	29-Dec	9:15	9:24	3
RE00025	T66	30-Dec	9:15	9:25	3
RE00025	T66	31-Dec	9:15	9:26	4

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00028
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:
Turbine: T68 **Expected Annual Hours[1] (hh:mm):** 21:38

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
May	0.63	1.00	0.72	0.45
Jun	0.68	1.00	0.72	0.49
Jul	0.77	1.00	0.72	0.55
Aug	0.75	1.00	0.72	0.54

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00028	T68	2-May	20:41	20:42	0
RE00028	T68	3-May	20:38	20:44	3
RE00028	T68	4-May	20:36	20:45	4
RE00028	T68	5-May	20:34	20:46	5
RE00028	T68	6-May	20:33	20:48	7
RE00028	T68	7-May	20:31	20:49	8
RE00028	T68	8-May	20:31	20:51	9
RE00028	T68	9-May	20:30	20:52	10
RE00028	T68	10-May	20:29	20:53	11
RE00028	T68	11-May	20:29	20:55	12
RE00028	T68	12-May	20:28	20:55	12
RE00028	T68	13-May	20:28	20:57	13
RE00028	T68	14-May	20:28	20:58	14
RE00028	T68	15-May	20:28	21:00	15
RE00028	T68	16-May	20:27	21:00	15
RE00028	T68	17-May	20:27	21:02	16
RE00028	T68	18-May	20:27	21:03	16
RE00028	T68	19-May	20:27	21:04	17
RE00028	T68	20-May	20:27	21:05	17
RE00028	T68	21-May	20:28	21:05	17
RE00028	T68	22-May	20:28	21:05	17
RE00028	T68	23-May	20:28	21:04	16
RE00028	T68	24-May	20:28	21:04	16
RE00028	T68	25-May	20:29	21:04	16
RE00028	T68	26-May	20:29	21:04	16

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00028	T68	27-May	20:29	21:03	15
RE00028	T68	28-May	20:29	21:03	15
RE00028	T68	29-May	20:31	21:03	15
RE00028	T68	30-May	20:31	21:03	15
RE00028	T68	31-May	20:31	21:02	14
RE00028	T68	1-Jun	20:32	21:03	15
RE00028	T68	2-Jun	20:33	21:02	14
RE00028	T68	3-Jun	20:33	21:01	14
RE00028	T68	4-Jun	20:34	21:01	13
RE00028	T68	5-Jun	20:34	21:01	13
RE00028	T68	6-Jun	20:35	21:01	13
RE00028	T68	7-Jun	20:36	21:01	12
RE00028	T68	8-Jun	20:37	21:00	11
RE00028	T68	9-Jun	20:38	21:00	11
RE00028	T68	10-Jun	20:39	21:00	10
RE00028	T68	11-Jun	20:38	20:59	10
RE00028	T68	12-Jun	20:39	20:59	10
RE00028	T68	13-Jun	20:40	20:59	9
RE00028	T68	14-Jun	20:41	20:59	9
RE00028	T68	15-Jun	20:42	20:59	8
RE00028	T68	16-Jun	20:42	20:58	8
RE00028	T68	17-Jun	20:43	20:58	7
RE00028	T68	18-Jun	20:43	20:58	7
RE00028	T68	19-Jun	20:44	20:58	7
RE00028	T68	20-Jun	20:44	20:58	7
RE00028	T68	21-Jun	20:44	20:58	7
RE00028	T68	22-Jun	20:44	20:58	7
RE00028	T68	23-Jun	20:45	20:59	7
RE00028	T68	24-Jun	20:45	20:59	7
RE00028	T68	25-Jun	20:45	20:59	7
RE00028	T68	26-Jun	20:45	21:00	7
RE00028	T68	27-Jun	20:45	21:00	7
RE00028	T68	28-Jun	20:44	21:00	8
RE00028	T68	29-Jun	20:45	21:02	8
RE00028	T68	30-Jun	20:44	21:02	9
RE00028	T68	1-Jul	20:44	21:03	11
RE00028	T68	2-Jul	20:43	21:03	11
RE00028	T68	3-Jul	20:43	21:04	12
RE00028	T68	4-Jul	20:44	21:05	12
RE00028	T68	5-Jul	20:43	21:05	12

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00028	T68	6-Jul	20:43	21:06	13
RE00028	T68	7-Jul	20:42	21:07	14
RE00028	T68	8-Jul	20:42	21:08	14
RE00028	T68	9-Jul	20:41	21:08	15
RE00028	T68	10-Jul	20:41	21:09	16
RE00028	T68	11-Jul	20:41	21:09	16
RE00028	T68	12-Jul	20:41	21:10	16
RE00028	T68	13-Jul	20:41	21:11	17
RE00028	T68	14-Jul	20:40	21:11	17
RE00028	T68	15-Jul	20:40	21:12	18
RE00028	T68	16-Jul	20:40	21:12	18
RE00028	T68	17-Jul	20:40	21:13	18
RE00028	T68	18-Jul	20:39	21:13	19
RE00028	T68	19-Jul	20:39	21:14	19
RE00028	T68	20-Jul	20:39	21:14	19
RE00028	T68	21-Jul	20:39	21:14	19
RE00028	T68	22-Jul	20:38	21:15	21
RE00028	T68	23-Jul	20:38	21:15	21
RE00028	T68	24-Jul	20:38	21:15	21
RE00028	T68	25-Jul	20:38	21:15	21
RE00028	T68	26-Jul	20:37	21:15	21
RE00028	T68	27-Jul	20:37	21:13	20
RE00028	T68	28-Jul	20:38	21:13	19
RE00028	T68	29-Jul	20:38	21:12	19
RE00028	T68	30-Jul	20:38	21:10	18
RE00028	T68	31-Jul	20:38	21:09	17
RE00028	T68	1-Aug	20:38	21:07	16
RE00028	T68	2-Aug	20:39	21:07	15
RE00028	T68	3-Aug	20:39	21:05	14
RE00028	T68	4-Aug	20:39	21:04	14
RE00028	T68	5-Aug	20:39	21:02	12
RE00028	T68	6-Aug	20:41	21:01	11
RE00028	T68	7-Aug	20:41	20:59	10
RE00028	T68	8-Aug	20:42	20:58	9
RE00028	T68	9-Aug	20:43	20:56	7
RE00028	T68	10-Aug	20:45	20:55	5
RE00028	T68	11-Aug	20:46	20:53	4
RE00028	T68	12-Aug	20:48	20:51	2

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor: RE00029
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T66 **Expected Annual Hours[1] (hh:mm):** 3:45

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Apr	0.59	1.00	0.71	0.42
Aug	0.75	1.00	0.71	0.53
Sep	0.67	1.00	0.71	0.48

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00029	T66	8-Apr	20:09	20:10	0
RE00029	T66	9-Apr	20:07	20:11	2
RE00029	T66	10-Apr	20:05	20:12	3
RE00029	T66	11-Apr	20:04	20:14	4
RE00029	T66	12-Apr	20:02	20:15	5
RE00029	T66	13-Apr	20:02	20:16	6
RE00029	T66	14-Apr	20:01	20:18	7
RE00029	T66	15-Apr	20:00	20:19	8
RE00029	T66	16-Apr	20:00	20:20	8
RE00029	T66	17-Apr	20:00	20:22	9
RE00029	T66	18-Apr	20:00	20:23	10
RE00029	T66	19-Apr	20:01	20:23	9
RE00029	T66	20-Apr	20:02	20:22	8
RE00029	T66	21-Apr	20:02	20:20	8
RE00029	T66	22-Apr	20:03	20:19	7
RE00029	T66	23-Apr	20:05	20:16	5
RE00029	T66	21-Aug	20:12	20:21	5
RE00029	T66	22-Aug	20:09	20:22	7
RE00029	T66	23-Aug	20:07	20:25	10
RE00029	T66	24-Aug	20:06	20:25	10
RE00029	T66	25-Aug	20:04	20:25	11
RE00029	T66	26-Aug	20:04	20:26	12
RE00029	T66	27-Aug	20:03	20:25	12
RE00029	T66	28-Aug	20:02	20:23	11
RE00029	T66	29-Aug	20:01	20:21	11
RE00029	T66	30-Aug	20:02	20:19	9

Shadow Flicker Results Per Day
Wind Turbine: Vestas V163

Receptor	WTG	Day	From	To	Expected Minutes
RE00029	T66	31-Aug	20:01	20:17	9
RE00029	T66	1-Sep	20:01	20:15	7
RE00029	T66	2-Sep	20:02	20:14	6
RE00029	T66	3-Sep	20:02	20:11	4
RE00029	T66	4-Sep	20:03	20:09	3
RE00029	T66	5-Sep	20:05	20:08	1

Attachment B

Shadow Flicker Results Per Day – GE154 Turbine

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00001
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:
Turbine: T01 **Expected Annual Hours[1] (hh:mm):** 3:37

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Feb	0.57	1.00	0.72	0.41
Mar	0.61	1.00	0.72	0.44
Oct	0.56	1.00	0.72	0.40

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00001	T01	22-Feb	8:16	8:17	0
RE00001	T01	23-Feb	8:14	8:20	2
RE00001	T01	24-Feb	8:12	8:21	4
RE00001	T01	25-Feb	8:10	8:22	5
RE00001	T01	26-Feb	8:09	8:24	6
RE00001	T01	27-Feb	8:07	8:24	7
RE00001	T01	28-Feb	8:05	8:25	8
RE00001	T01	1-Mar	8:03	8:25	10
RE00001	T01	2-Mar	8:01	8:25	11
RE00001	T01	3-Mar	8:00	8:24	11
RE00001	T01	4-Mar	8:00	8:24	11
RE00001	T01	5-Mar	8:01	8:23	10
RE00001	T01	6-Mar	8:01	8:22	9
RE00001	T01	7-Mar	8:02	8:20	8
RE00001	T01	8-Mar	8:03	8:18	7
RE00001	T01	9-Mar	8:05	8:15	4
RE00001	T01	6-Oct	8:43	8:52	4
RE00001	T01	7-Oct	8:40	8:55	6
RE00001	T01	8-Oct	8:38	8:56	7
RE00001	T01	9-Oct	8:37	8:57	8
RE00001	T01	10-Oct	8:35	8:57	9
RE00001	T01	11-Oct	8:35	8:58	9
RE00001	T01	12-Oct	8:33	8:57	10
RE00001	T01	13-Oct	8:34	8:58	10
RE00001	T01	14-Oct	8:35	8:57	9
RE00001	T01	15-Oct	8:37	8:57	8

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00001	T01	16-Oct	8:38	8:56	7
RE00001	T01	17-Oct	8:40	8:56	6
RE00001	T01	18-Oct	8:42	8:55	5
RE00001	T01	19-Oct	8:43	8:53	4
RE00001	T01	20-Oct	8:45	8:52	3
RE00001	T01	21-Oct	8:46	8:48	1

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00007
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T14 **Expected Annual Hours[1] (hh:mm):** 3:51
Turbine: T17 **Expected Annual Hours[1] (hh:mm):** 2:31

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jun	0.68	1.00	0.64	0.44
Jul	0.77	1.00	0.63	0.49

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00007	T14	1-Jun	6:26	6:28	1
RE00007	T14	2-Jun	6:25	6:29	2
RE00007	T14	3-Jun	6:25	6:31	3
RE00007	T14	4-Jun	6:24	6:31	3
RE00007	T14	5-Jun	6:24	6:32	3
RE00007	T14	6-Jun	6:23	6:32	4
RE00007	T14	7-Jun	6:23	6:33	4
RE00007	T14	8-Jun	6:22	6:33	5
RE00007	T14	9-Jun	6:22	6:34	5
RE00007	T14	10-Jun	6:22	6:35	6
RE00007	T14	11-Jun	6:21	6:34	6
RE00007	T14	12-Jun	6:21	6:35	6
RE00007	T14	13-Jun	6:21	6:35	6
RE00007	T14	14-Jun	6:21	6:36	7
RE00007	T14	15-Jun	6:21	6:36	7
RE00007	T14	16-Jun	6:21	6:37	7
RE00007	T14	17-Jun	6:21	6:37	7
RE00007	T14	18-Jun	6:21	6:37	7
RE00007	T14	19-Jun	6:21	6:37	7
RE00007	T14	20-Jun	6:21	6:37	7
RE00007	T14	21-Jun	6:21	6:38	7
RE00007	T14	22-Jun	6:21	6:38	7
RE00007	T14	23-Jun	6:22	6:39	7
RE00007	T14	24-Jun	6:22	6:38	7
RE00007	T14	25-Jun	6:22	6:38	7
RE00007	T14	26-Jun	6:23	6:39	7

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00007	T14	27-Jun	6:23	6:39	7
RE00007	T14	28-Jun	6:23	6:39	7
RE00007	T14	29-Jun	6:24	6:39	7
RE00007	T14	30-Jun	6:24	6:39	7
RE00007	T14	1-Jul	6:25	6:39	7
RE00007	T14	2-Jul	6:25	6:39	7
RE00007	T14	3-Jul	6:26	6:39	6
RE00007	T14	4-Jul	6:27	6:40	6
RE00007	T14	5-Jul	6:27	6:39	6
RE00007	T14	6-Jul	6:28	6:39	5
RE00007	T14	7-Jul	6:29	6:39	5
RE00007	T14	8-Jul	6:30	6:39	4
RE00007	T14	9-Jul	6:30	6:38	4
RE00007	T14	10-Jul	6:31	6:38	3
RE00007	T14	11-Jul	6:32	6:38	3
RE00007	T14	12-Jul	6:33	6:37	2
RE00007	T14	13-Jul	6:34	6:36	1
RE00007	T17	5-Jun	21:21	21:23	1
RE00007	T17	6-Jun	21:19	21:23	2
RE00007	T17	7-Jun	21:19	21:24	2
RE00007	T17	8-Jun	21:18	21:24	3
RE00007	T17	9-Jun	21:18	21:25	3
RE00007	T17	10-Jun	21:18	21:26	3
RE00007	T17	11-Jun	21:17	21:26	4
RE00007	T17	12-Jun	21:17	21:27	4
RE00007	T17	13-Jun	21:17	21:28	5
RE00007	T17	14-Jun	21:17	21:28	5
RE00007	T17	15-Jun	21:17	21:29	5
RE00007	T17	16-Jun	21:17	21:29	5
RE00007	T17	17-Jun	21:17	21:30	6
RE00007	T17	18-Jun	21:17	21:30	6
RE00007	T17	19-Jun	21:17	21:30	6
RE00007	T17	20-Jun	21:17	21:31	6
RE00007	T17	21-Jun	21:17	21:31	6
RE00007	T17	22-Jun	21:17	21:31	6
RE00007	T17	23-Jun	21:18	21:32	6
RE00007	T17	24-Jun	21:18	21:32	6
RE00007	T17	25-Jun	21:18	21:31	6
RE00007	T17	26-Jun	21:19	21:32	6
RE00007	T17	27-Jun	21:19	21:32	6

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00007	T17	28-Jun	21:19	21:31	5
RE00007	T17	29-Jun	21:20	21:32	5
RE00007	T17	30-Jun	21:20	21:31	5
RE00007	T17	1-Jul	21:21	21:32	5
RE00007	T17	2-Jul	21:21	21:31	5
RE00007	T17	3-Jul	21:22	21:31	4
RE00007	T17	4-Jul	21:23	21:31	4
RE00007	T17	5-Jul	21:23	21:30	3
RE00007	T17	6-Jul	21:24	21:30	3
RE00007	T17	7-Jul	21:25	21:30	2
RE00007	T17	8-Jul	21:26	21:30	2
RE00007	T17	9-Jul	21:27	21:29	1

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00010
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:
Turbine: T28 **Expected Annual Hours[1] (hh:mm):** 2:28
[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Mar	0.61	1.00	0.71	0.43
Oct	0.56	1.00	0.71	0.40

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00010	T28	1-Mar	8:03	8:06	1
RE00010	T28	2-Mar	8:01	8:07	3
RE00010	T28	3-Mar	7:59	8:08	4
RE00010	T28	4-Mar	7:57	8:08	5
RE00010	T28	5-Mar	7:55	8:08	6
RE00010	T28	6-Mar	7:53	8:08	6
RE00010	T28	7-Mar	7:51	8:08	7
RE00010	T28	8-Mar	7:48	8:07	8
RE00010	T28	9-Mar	7:46	8:06	9
RE00010	T28	10-Mar	7:45	8:05	9
RE00010	T28	11-Mar	7:45	8:04	8
RE00010	T28	12-Mar	7:47	8:02	6
RE00010	T28	13-Mar	7:49	8:00	5
RE00010	T28	2-Oct	8:28	8:39	4
RE00010	T28	3-Oct	8:26	8:41	6
RE00010	T28	4-Oct	8:23	8:42	8
RE00010	T28	5-Oct	8:23	8:43	8
RE00010	T28	6-Oct	8:23	8:43	8
RE00010	T28	7-Oct	8:25	8:44	8
RE00010	T28	8-Oct	8:26	8:43	7
RE00010	T28	9-Oct	8:28	8:44	6
RE00010	T28	10-Oct	8:29	8:43	6
RE00010	T28	11-Oct	8:31	8:42	4
RE00010	T28	12-Oct	8:32	8:41	4
RE00010	T28	13-Oct	8:34	8:40	2
RE00010	T28	14-Oct	8:35	8:38	1

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00011
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:
Turbine: T08 **Expected Annual Hours[1] (hh:mm):** 4:43
[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Apr	0.59	1.00	0.65	0.38
May	0.63	1.00	0.65	0.41
Jul	0.77	1.00	0.65	0.50
Aug	0.75	1.00	0.65	0.49

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00011	T08	27-Apr	7:08	7:10	1
RE00011	T08	28-Apr	7:07	7:12	2
RE00011	T08	29-Apr	7:05	7:13	3
RE00011	T08	30-Apr	7:03	7:13	4
RE00011	T08	1-May	7:02	7:14	5
RE00011	T08	2-May	7:00	7:14	6
RE00011	T08	3-May	6:58	7:14	7
RE00011	T08	4-May	6:57	7:15	7
RE00011	T08	5-May	6:55	7:15	8
RE00011	T08	6-May	6:54	7:15	9
RE00011	T08	7-May	6:52	7:14	9
RE00011	T08	8-May	6:51	7:14	9
RE00011	T08	9-May	6:50	7:13	9
RE00011	T08	10-May	6:51	7:13	9
RE00011	T08	11-May	6:52	7:13	9
RE00011	T08	12-May	6:52	7:12	8
RE00011	T08	13-May	6:53	7:11	7
RE00011	T08	14-May	6:54	7:10	7
RE00011	T08	15-May	6:55	7:08	5
RE00011	T08	16-May	6:57	7:06	4
RE00011	T08	29-Jul	7:09	7:17	4
RE00011	T08	30-Jul	7:06	7:19	7
RE00011	T08	31-Jul	7:05	7:20	8
RE00011	T08	1-Aug	7:03	7:21	9
RE00011	T08	2-Aug	7:02	7:22	10

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00011	T08	3-Aug	7:02	7:23	10
RE00011	T08	4-Aug	7:01	7:23	11
RE00011	T08	5-Aug	7:00	7:24	12
RE00011	T08	6-Aug	7:00	7:24	12
RE00011	T08	7-Aug	7:02	7:24	11
RE00011	T08	8-Aug	7:03	7:24	10
RE00011	T08	9-Aug	7:04	7:24	10
RE00011	T08	10-Aug	7:05	7:23	9
RE00011	T08	11-Aug	7:07	7:24	8
RE00011	T08	12-Aug	7:08	7:23	7
RE00011	T08	13-Aug	7:09	7:22	6
RE00011	T08	14-Aug	7:11	7:22	5
RE00011	T08	15-Aug	7:12	7:21	4
RE00011	T08	16-Aug	7:13	7:19	3
RE00011	T08	17-Aug	7:15	7:18	1

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00012
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T08 **Expected Annual Hours[1] (hh:mm):** 4:57

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Apr	0.59	1.00	0.65	0.38
May	0.63	1.00	0.65	0.41
Jul	0.77	1.00	0.65	0.50
Aug	0.75	1.00	0.65	0.49

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00012	T08	28-Apr	7:07	7:10	1
RE00012	T08	29-Apr	7:05	7:11	2
RE00012	T08	30-Apr	7:03	7:11	3
RE00012	T08	1-May	7:02	7:13	5
RE00012	T08	2-May	7:00	7:13	5
RE00012	T08	3-May	6:58	7:13	6
RE00012	T08	4-May	6:57	7:14	7
RE00012	T08	5-May	6:55	7:13	7
RE00012	T08	6-May	6:54	7:14	8
RE00012	T08	7-May	6:52	7:13	9
RE00012	T08	8-May	6:51	7:14	9
RE00012	T08	9-May	6:49	7:13	10
RE00012	T08	10-May	6:49	7:13	10
RE00012	T08	11-May	6:50	7:13	9
RE00012	T08	12-May	6:50	7:11	9
RE00012	T08	13-May	6:51	7:11	8
RE00012	T08	14-May	6:52	7:10	7
RE00012	T08	15-May	6:52	7:09	7
RE00012	T08	16-May	6:54	7:07	5
RE00012	T08	17-May	6:55	7:06	5
RE00012	T08	18-May	6:59	7:03	2
RE00012	T08	27-Jul	7:10	7:12	1
RE00012	T08	28-Jul	7:06	7:16	5
RE00012	T08	29-Jul	7:05	7:18	7
RE00012	T08	30-Jul	7:03	7:20	9

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00012	T08	31-Jul	7:02	7:20	9
RE00012	T08	1-Aug	7:01	7:21	10
RE00012	T08	2-Aug	7:00	7:21	10
RE00012	T08	3-Aug	7:00	7:23	11
RE00012	T08	4-Aug	6:59	7:23	12
RE00012	T08	5-Aug	6:59	7:23	12
RE00012	T08	6-Aug	7:00	7:23	11
RE00012	T08	7-Aug	7:02	7:24	11
RE00012	T08	8-Aug	7:03	7:23	10
RE00012	T08	9-Aug	7:04	7:23	9
RE00012	T08	10-Aug	7:05	7:22	8
RE00012	T08	11-Aug	7:07	7:22	7
RE00012	T08	12-Aug	7:08	7:22	7
RE00012	T08	13-Aug	7:09	7:20	5
RE00012	T08	14-Aug	7:11	7:20	4
RE00012	T08	15-Aug	7:12	7:19	3
RE00012	T08	16-Aug	7:13	7:17	2

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00013
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T28 **Expected Annual Hours[1] (hh:mm):** 8:25
Turbine: T36 **Expected Annual Hours[1] (hh:mm):** 5:00

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.71	0.36
Mar	0.61	1.00	0.71	0.43
Sep	0.67	1.00	0.71	0.48
Oct	0.56	1.00	0.71	0.40
Nov	0.43	1.00	0.71	0.31
Dec	0.47	1.00	0.71	0.33

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00013	T28	3-Mar	7:59	8:01	1
RE00013	T28	4-Mar	7:57	8:04	3
RE00013	T28	5-Mar	7:55	8:06	5
RE00013	T28	6-Mar	7:53	8:08	6
RE00013	T28	7-Mar	7:50	8:08	8
RE00013	T28	8-Mar	7:48	8:09	9
RE00013	T28	9-Mar	7:46	8:10	10
RE00013	T28	10-Mar	7:44	8:10	11
RE00013	T28	11-Mar	7:42	8:11	13
RE00013	T28	12-Mar	7:40	8:11	13
RE00013	T28	13-Mar	7:38	8:11	14
RE00013	T28	14-Mar	8:36	9:11	15
RE00013	T28	15-Mar	8:34	9:11	16
RE00013	T28	16-Mar	8:34	9:10	16
RE00013	T28	17-Mar	8:34	9:10	16
RE00013	T28	18-Mar	8:34	9:09	15
RE00013	T28	19-Mar	8:35	9:08	14
RE00013	T28	20-Mar	8:34	9:06	14
RE00013	T28	21-Mar	8:35	9:05	13
RE00013	T28	22-Mar	8:36	9:03	12
RE00013	T28	23-Mar	8:38	9:01	10
RE00013	T28	24-Mar	8:39	8:59	9

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00013	T28	25-Mar	8:42	8:56	6
RE00013	T28	19-Sep	8:35	8:38	1
RE00013	T28	20-Sep	8:28	8:43	7
RE00013	T28	21-Sep	8:26	8:46	10
RE00013	T28	22-Sep	8:23	8:47	11
RE00013	T28	23-Sep	8:21	8:48	13
RE00013	T28	24-Sep	8:20	8:50	14
RE00013	T28	25-Sep	8:18	8:50	15
RE00013	T28	26-Sep	8:18	8:51	16
RE00013	T28	27-Sep	8:16	8:51	17
RE00013	T28	28-Sep	8:15	8:50	17
RE00013	T28	29-Sep	8:15	8:51	17
RE00013	T28	30-Sep	8:14	8:50	17
RE00013	T28	1-Oct	8:16	8:51	14
RE00013	T28	2-Oct	8:17	8:50	13
RE00013	T28	3-Oct	8:19	8:50	12
RE00013	T28	4-Oct	8:20	8:49	12
RE00013	T28	5-Oct	8:22	8:48	10
RE00013	T28	6-Oct	8:23	8:47	10
RE00013	T28	7-Oct	8:25	8:46	8
RE00013	T28	8-Oct	8:26	8:44	7
RE00013	T28	9-Oct	8:28	8:43	6
RE00013	T28	10-Oct	8:29	8:41	5
RE00013	T28	11-Oct	8:31	8:39	3
RE00013	T28	12-Oct	8:32	8:35	1
RE00013	T36	1-Jan	9:16	9:22	2
RE00013	T36	2-Jan	9:16	9:22	2
RE00013	T36	3-Jan	9:16	9:23	3
RE00013	T36	4-Jan	9:15	9:23	3
RE00013	T36	5-Jan	9:15	9:24	3
RE00013	T36	6-Jan	9:15	9:25	4
RE00013	T36	7-Jan	9:15	9:26	4
RE00013	T36	8-Jan	9:14	9:26	4
RE00013	T36	9-Jan	9:14	9:27	5
RE00013	T36	10-Jan	9:13	9:27	5
RE00013	T36	11-Jan	9:13	9:28	5
RE00013	T36	12-Jan	9:12	9:28	6
RE00013	T36	13-Jan	9:11	9:28	6
RE00013	T36	14-Jan	9:11	9:29	7
RE00013	T36	15-Jan	9:10	9:29	7

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00013	T36	16-Jan	9:09	9:29	7
RE00013	T36	17-Jan	9:08	9:29	8
RE00013	T36	18-Jan	9:08	9:30	8
RE00013	T36	19-Jan	9:07	9:30	8
RE00013	T36	20-Jan	9:07	9:30	8
RE00013	T36	21-Jan	9:08	9:30	8
RE00013	T36	22-Jan	9:08	9:30	8
RE00013	T36	23-Jan	9:09	9:30	8
RE00013	T36	24-Jan	9:10	9:28	7
RE00013	T36	25-Jan	9:11	9:27	6
RE00013	T36	26-Jan	9:13	9:26	5
RE00013	T36	27-Jan	9:15	9:25	4
RE00013	T36	16-Nov	8:50	8:56	2
RE00013	T36	17-Nov	8:48	8:59	3
RE00013	T36	18-Nov	8:46	9:01	5
RE00013	T36	19-Nov	8:45	9:02	5
RE00013	T36	20-Nov	8:44	9:03	6
RE00013	T36	21-Nov	8:44	9:04	6
RE00013	T36	22-Nov	8:44	9:06	7
RE00013	T36	23-Nov	8:43	9:06	7
RE00013	T36	24-Nov	8:43	9:07	7
RE00013	T36	25-Nov	8:44	9:07	7
RE00013	T36	26-Nov	8:46	9:08	7
RE00013	T36	27-Nov	8:47	9:08	6
RE00013	T36	28-Nov	8:49	9:09	6
RE00013	T36	29-Nov	8:50	9:09	6
RE00013	T36	30-Nov	8:52	9:10	5
RE00013	T36	1-Dec	8:53	9:10	6
RE00013	T36	2-Dec	8:54	9:10	5
RE00013	T36	3-Dec	8:56	9:11	5
RE00013	T36	4-Dec	8:57	9:11	5
RE00013	T36	5-Dec	8:58	9:11	4
RE00013	T36	6-Dec	9:00	9:12	4
RE00013	T36	7-Dec	9:01	9:12	4
RE00013	T36	8-Dec	9:02	9:12	3
RE00013	T36	9-Dec	9:03	9:12	3
RE00013	T36	10-Dec	9:04	9:12	3
RE00013	T36	11-Dec	9:05	9:12	2
RE00013	T36	12-Dec	9:06	9:12	2
RE00013	T36	13-Dec	9:07	9:12	2

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00013	T36	14-Dec	9:08	9:13	2
RE00013	T36	15-Dec	9:09	9:13	1
RE00013	T36	16-Dec	9:10	9:14	1
RE00013	T36	17-Dec	9:11	9:14	1
RE00013	T36	18-Dec	9:11	9:14	1
RE00013	T36	19-Dec	9:12	9:14	1
RE00013	T36	20-Dec	9:13	9:15	1
RE00013	T36	21-Dec	9:13	9:15	1
RE00013	T36	22-Dec	9:14	9:16	1
RE00013	T36	23-Dec	9:14	9:16	1
RE00013	T36	24-Dec	9:15	9:17	1
RE00013	T36	25-Dec	9:15	9:17	1
RE00013	T36	26-Dec	9:15	9:17	1
RE00013	T36	27-Dec	9:15	9:18	1
RE00013	T36	28-Dec	9:16	9:19	1
RE00013	T36	29-Dec	9:16	9:20	1
RE00013	T36	30-Dec	9:16	9:20	1
RE00013	T36	31-Dec	9:16	9:21	2

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00017
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T46 **Expected Annual Hours[1] (hh:mm):** 2:48
Turbine: T47 **Expected Annual Hours[1] (hh:mm):** 9:36

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.71	0.36
Feb	0.57	1.00	0.71	0.40
Mar	0.61	1.00	0.71	0.43
Sep	0.67	1.00	0.71	0.48
Oct	0.56	1.00	0.71	0.40
Nov	0.43	1.00	0.71	0.31

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00017	T46	7-Mar	7:50	7:52	1
RE00017	T46	8-Mar	7:48	7:54	3
RE00017	T46	9-Mar	7:46	7:54	3
RE00017	T46	10-Mar	7:44	7:55	5
RE00017	T46	11-Mar	7:42	7:55	6
RE00017	T46	12-Mar	7:40	7:56	7
RE00017	T46	13-Mar	7:38	7:55	7
RE00017	T46	14-Mar	8:36	8:55	8
RE00017	T46	15-Mar	8:34	8:55	9
RE00017	T46	16-Mar	8:32	8:54	10
RE00017	T46	17-Mar	8:33	8:53	9
RE00017	T46	18-Mar	8:34	8:51	7
RE00017	T46	19-Mar	8:36	8:49	6
RE00017	T46	20-Mar	8:38	8:45	3
RE00017	T46	25-Sep	8:21	8:29	4
RE00017	T46	26-Sep	8:18	8:32	7
RE00017	T46	27-Sep	8:16	8:33	8
RE00017	T46	28-Sep	8:14	8:34	10
RE00017	T46	29-Sep	8:13	8:35	10
RE00017	T46	30-Sep	8:14	8:34	10
RE00017	T46	1-Oct	8:16	8:35	8
RE00017	T46	2-Oct	8:17	8:34	7

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00017	T46	3-Oct	8:19	8:35	6
RE00017	T46	4-Oct	8:20	8:33	5
RE00017	T46	5-Oct	8:22	8:33	4
RE00017	T46	6-Oct	8:23	8:32	4
RE00017	T46	7-Oct	8:24	8:30	2
RE00017	T46	8-Oct	8:26	8:28	1
RE00017	T47	27-Jan	8:58	9:06	3
RE00017	T47	28-Jan	8:57	9:09	4
RE00017	T47	29-Jan	8:55	9:10	5
RE00017	T47	30-Jan	8:54	9:12	7
RE00017	T47	31-Jan	8:53	9:14	8
RE00017	T47	1-Feb	8:51	9:14	9
RE00017	T47	2-Feb	8:50	9:16	11
RE00017	T47	3-Feb	8:48	9:16	11
RE00017	T47	4-Feb	8:47	9:18	13
RE00017	T47	5-Feb	8:45	9:18	13
RE00017	T47	6-Feb	8:44	9:19	14
RE00017	T47	7-Feb	8:43	9:19	15
RE00017	T47	8-Feb	8:44	9:20	15
RE00017	T47	9-Feb	8:43	9:20	15
RE00017	T47	10-Feb	8:43	9:20	15
RE00017	T47	11-Feb	8:43	9:20	15
RE00017	T47	12-Feb	8:43	9:20	15
RE00017	T47	13-Feb	8:43	9:19	15
RE00017	T47	14-Feb	8:44	9:20	15
RE00017	T47	15-Feb	8:44	9:19	14
RE00017	T47	16-Feb	8:45	9:18	13
RE00017	T47	17-Feb	8:45	9:17	13
RE00017	T47	18-Feb	8:46	9:16	12
RE00017	T47	19-Feb	8:48	9:15	11
RE00017	T47	20-Feb	8:49	9:14	10
RE00017	T47	21-Feb	8:50	9:12	9
RE00017	T47	22-Feb	8:53	9:09	6
RE00017	T47	23-Feb	8:56	9:05	4
RE00017	T47	20-Oct	9:30	9:34	2
RE00017	T47	21-Oct	9:24	9:39	6
RE00017	T47	22-Oct	9:22	9:42	8
RE00017	T47	23-Oct	9:19	9:43	10
RE00017	T47	24-Oct	9:18	9:45	11
RE00017	T47	25-Oct	9:17	9:46	12

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00017	T47	26-Oct	9:15	9:46	12
RE00017	T47	27-Oct	9:15	9:47	13
RE00017	T47	28-Oct	9:14	9:48	14
RE00017	T47	29-Oct	9:13	9:48	14
RE00017	T47	30-Oct	9:13	9:49	14
RE00017	T47	31-Oct	9:13	9:49	14
RE00017	T47	1-Nov	9:12	9:49	11
RE00017	T47	2-Nov	9:12	9:49	11
RE00017	T47	3-Nov	9:13	9:50	11
RE00017	T47	4-Nov	9:12	9:49	11
RE00017	T47	5-Nov	9:13	9:49	11
RE00017	T47	6-Nov	9:13	9:49	11
RE00017	T47	7-Nov	8:15	8:49	10
RE00017	T47	8-Nov	8:16	8:48	10
RE00017	T47	9-Nov	8:18	8:47	9
RE00017	T47	10-Nov	8:20	8:47	8
RE00017	T47	11-Nov	8:21	8:46	8
RE00017	T47	12-Nov	8:23	8:45	7
RE00017	T47	13-Nov	8:25	8:45	6
RE00017	T47	14-Nov	8:26	8:43	5
RE00017	T47	15-Nov	8:28	8:42	4
RE00017	T47	16-Nov	8:30	8:40	3
RE00017	T47	17-Nov	8:31	8:37	2

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00020
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T58 **Expected Annual Hours[1] (hh:mm):** 5:45

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Feb	0.57	1.00	0.72	0.41
Mar	0.61	1.00	0.72	0.44
Oct	0.56	1.00	0.72	0.40

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00020	T58	23-Feb	8:15	8:18	1
RE00020	T58	24-Feb	8:12	8:23	5
RE00020	T58	25-Feb	8:10	8:25	6
RE00020	T58	26-Feb	8:08	8:26	7
RE00020	T58	27-Feb	8:06	8:27	9
RE00020	T58	28-Feb	8:04	8:28	10
RE00020	T58	1-Mar	8:02	8:29	12
RE00020	T58	2-Mar	8:02	8:30	12
RE00020	T58	3-Mar	8:02	8:30	12
RE00020	T58	4-Mar	8:01	8:30	13
RE00020	T58	5-Mar	8:00	8:29	13
RE00020	T58	6-Mar	8:00	8:28	12
RE00020	T58	7-Mar	8:00	8:28	12
RE00020	T58	8-Mar	8:01	8:27	11
RE00020	T58	9-Mar	8:01	8:26	11
RE00020	T58	10-Mar	8:02	8:25	10
RE00020	T58	11-Mar	8:03	8:23	9
RE00020	T58	12-Mar	8:05	8:21	7
RE00020	T58	13-Mar	8:08	8:18	4
RE00020	T58	2-Oct	8:47	8:57	4
RE00020	T58	3-Oct	8:44	9:00	6
RE00020	T58	4-Oct	8:41	9:01	8
RE00020	T58	5-Oct	8:40	9:03	9
RE00020	T58	6-Oct	8:38	9:03	10
RE00020	T58	7-Oct	8:37	9:03	10
RE00020	T58	8-Oct	8:36	9:04	11

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00020	T58	9-Oct	8:35	9:04	12
RE00020	T58	10-Oct	8:35	9:04	12
RE00020	T58	11-Oct	8:35	9:03	11
RE00020	T58	12-Oct	8:35	9:03	11
RE00020	T58	13-Oct	8:35	9:03	11
RE00020	T58	14-Oct	8:35	9:02	11
RE00020	T58	15-Oct	8:37	9:02	10
RE00020	T58	16-Oct	8:38	9:00	9
RE00020	T58	17-Oct	8:40	8:59	8
RE00020	T58	18-Oct	8:41	8:57	6
RE00020	T58	19-Oct	8:43	8:55	5
RE00020	T58	20-Oct	8:45	8:51	2

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00021
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T72 **Expected Annual Hours[1] (hh:mm):** 5:57
Turbine: T74 **Expected Annual Hours[1] (hh:mm):** 4:59

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Mar	0.61	1.00	0.67	0.41
Apr	0.59	1.00	0.65	0.38
May	0.63	1.00	0.65	0.41
Jul	0.77	1.00	0.65	0.50
Aug	0.75	1.00	0.65	0.49
Sep	0.67	1.00	0.67	0.45
Oct	0.56	1.00	0.67	0.38

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00021	T72	23-Apr	7:16	7:17	0
RE00021	T72	24-Apr	7:14	7:20	2
RE00021	T72	25-Apr	7:12	7:22	4
RE00021	T72	26-Apr	7:10	7:22	5
RE00021	T72	27-Apr	7:09	7:24	6
RE00021	T72	28-Apr	7:07	7:24	7
RE00021	T72	29-Apr	7:05	7:24	7
RE00021	T72	30-Apr	7:04	7:25	8
RE00021	T72	1-May	7:02	7:25	9
RE00021	T72	2-May	7:00	7:25	10
RE00021	T72	3-May	6:59	7:25	11
RE00021	T72	4-May	6:58	7:25	11
RE00021	T72	5-May	6:59	7:25	11
RE00021	T72	6-May	6:59	7:24	10
RE00021	T72	7-May	6:59	7:24	10
RE00021	T72	8-May	6:59	7:23	10
RE00021	T72	9-May	7:00	7:22	9
RE00021	T72	10-May	7:02	7:22	8
RE00021	T72	11-May	7:02	7:20	7
RE00021	T72	12-May	7:03	7:19	7
RE00021	T72	13-May	7:04	7:17	5

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00021	T72	14-May	7:07	7:14	3
RE00021	T72	31-Jul	7:18	7:24	3
RE00021	T72	1-Aug	7:16	7:28	6
RE00021	T72	2-Aug	7:14	7:29	7
RE00021	T72	3-Aug	7:12	7:30	9
RE00021	T72	4-Aug	7:11	7:31	10
RE00021	T72	5-Aug	7:11	7:32	10
RE00021	T72	6-Aug	7:10	7:33	11
RE00021	T72	7-Aug	7:09	7:33	12
RE00021	T72	8-Aug	7:08	7:33	12
RE00021	T72	9-Aug	7:08	7:34	13
RE00021	T72	10-Aug	7:08	7:34	13
RE00021	T72	11-Aug	7:07	7:34	13
RE00021	T72	12-Aug	7:09	7:34	12
RE00021	T72	13-Aug	7:10	7:34	12
RE00021	T72	14-Aug	7:11	7:33	11
RE00021	T72	15-Aug	7:12	7:32	10
RE00021	T72	16-Aug	7:14	7:32	9
RE00021	T72	17-Aug	7:15	7:31	8
RE00021	T72	18-Aug	7:16	7:29	6
RE00021	T72	19-Aug	7:18	7:29	5
RE00021	T72	20-Aug	7:19	7:27	4
RE00021	T72	21-Aug	7:20	7:24	2
RE00021	T74	12-Mar	18:19	18:30	4
RE00021	T74	13-Mar	18:16	18:32	7
RE00021	T74	14-Mar	19:14	19:33	8
RE00021	T74	15-Mar	19:13	19:35	9
RE00021	T74	16-Mar	19:11	19:36	10
RE00021	T74	17-Mar	19:11	19:36	10
RE00021	T74	18-Mar	19:10	19:36	11
RE00021	T74	19-Mar	19:10	19:36	11
RE00021	T74	20-Mar	19:09	19:36	11
RE00021	T74	21-Mar	19:08	19:35	11
RE00021	T74	22-Mar	19:09	19:34	10
RE00021	T74	23-Mar	19:09	19:33	10
RE00021	T74	24-Mar	19:10	19:32	9
RE00021	T74	25-Mar	19:11	19:31	8
RE00021	T74	26-Mar	19:12	19:29	7
RE00021	T74	27-Mar	19:14	19:27	5
RE00021	T74	28-Mar	19:18	19:22	2

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00021	T74	17-Sep	19:05	19:12	3
RE00021	T74	18-Sep	19:02	19:16	6
RE00021	T74	19-Sep	18:59	19:17	8
RE00021	T74	20-Sep	18:57	19:18	9
RE00021	T74	21-Sep	18:56	19:19	10
RE00021	T74	22-Sep	18:55	19:19	11
RE00021	T74	23-Sep	18:53	19:19	12
RE00021	T74	24-Sep	18:53	19:20	12
RE00021	T74	25-Sep	18:52	19:19	12
RE00021	T74	26-Sep	18:52	19:19	12
RE00021	T74	27-Sep	18:52	19:18	12
RE00021	T74	28-Sep	18:52	19:17	11
RE00021	T74	29-Sep	18:52	19:17	11
RE00021	T74	30-Sep	18:53	19:15	10
RE00021	T74	1-Oct	18:54	19:13	7
RE00021	T74	2-Oct	18:55	19:11	6
RE00021	T74	3-Oct	18:58	19:09	4

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00022
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T58 **Expected Annual Hours[1] (hh:mm):** 7:09
Turbine: T60 **Expected Annual Hours[1] (hh:mm):** 4:30

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.57	0.29
Mar	0.61	1.00	0.66	0.40
Sep	0.67	1.00	0.66	0.44
Oct	0.56	1.00	0.66	0.37
Dec	0.47	1.00	0.57	0.27

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00022	T58	4-Mar	18:14	18:17	1
RE00022	T58	5-Mar	18:09	18:19	4
RE00022	T58	6-Mar	18:06	18:20	6
RE00022	T58	7-Mar	18:04	18:22	7
RE00022	T58	8-Mar	18:02	18:24	9
RE00022	T58	9-Mar	18:01	18:25	10
RE00022	T58	10-Mar	18:00	18:27	11
RE00022	T58	11-Mar	17:59	18:29	12
RE00022	T58	12-Mar	17:59	18:30	12
RE00022	T58	13-Mar	17:58	18:31	13
RE00022	T58	14-Mar	18:58	19:31	13
RE00022	T58	15-Mar	18:58	19:31	13
RE00022	T58	16-Mar	18:58	19:31	13
RE00022	T58	17-Mar	18:58	19:30	13
RE00022	T58	18-Mar	18:58	19:30	13
RE00022	T58	19-Mar	18:57	19:28	12
RE00022	T58	20-Mar	18:58	19:27	12
RE00022	T58	21-Mar	18:59	19:25	10
RE00022	T58	22-Mar	19:00	19:24	10
RE00022	T58	23-Mar	19:02	19:22	8
RE00022	T58	24-Mar	19:04	19:19	6
RE00022	T58	25-Mar	19:09	19:14	2
RE00022	T58	20-Sep	18:54	19:02	4

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00022	T58	21-Sep	18:49	19:05	7
RE00022	T58	22-Sep	18:47	19:08	9
RE00022	T58	23-Sep	18:45	19:09	11
RE00022	T58	24-Sep	18:44	19:10	11
RE00022	T58	25-Sep	18:42	19:11	13
RE00022	T58	26-Sep	18:40	19:11	14
RE00022	T58	27-Sep	18:40	19:11	14
RE00022	T58	28-Sep	18:39	19:11	14
RE00022	T58	29-Sep	18:38	19:12	15
RE00022	T58	30-Sep	18:38	19:11	15
RE00022	T58	1-Oct	18:38	19:11	12
RE00022	T58	2-Oct	18:37	19:10	12
RE00022	T58	3-Oct	18:37	19:08	11
RE00022	T58	4-Oct	18:37	19:07	11
RE00022	T58	5-Oct	18:37	19:04	10
RE00022	T58	6-Oct	18:38	19:02	9
RE00022	T58	7-Oct	18:38	19:00	8
RE00022	T58	8-Oct	18:40	18:58	7
RE00022	T58	9-Oct	18:41	18:56	6
RE00022	T58	10-Oct	18:43	18:54	4
RE00022	T58	11-Oct	18:47	18:52	2
RE00022	T60	1-Jan	15:54	16:19	7
RE00022	T60	2-Jan	15:53	16:18	7
RE00022	T60	3-Jan	15:54	16:19	7
RE00022	T60	4-Jan	15:55	16:19	7
RE00022	T60	5-Jan	15:56	16:19	7
RE00022	T60	6-Jan	15:58	16:20	6
RE00022	T60	7-Jan	15:58	16:19	6
RE00022	T60	8-Jan	15:59	16:19	6
RE00022	T60	9-Jan	16:00	16:18	5
RE00022	T60	10-Jan	16:02	16:18	5
RE00022	T60	11-Jan	16:03	16:17	4
RE00022	T60	12-Jan	16:06	16:16	3
RE00022	T60	13-Jan	16:09	16:13	1
RE00022	T60	1-Dec	15:49	15:56	2
RE00022	T60	2-Dec	15:47	15:58	3
RE00022	T60	3-Dec	15:46	16:00	4
RE00022	T60	4-Dec	15:45	16:02	5
RE00022	T60	5-Dec	15:45	16:03	5
RE00022	T60	6-Dec	15:44	16:04	5

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00022	T60	7-Dec	15:44	16:05	6
RE00022	T60	8-Dec	15:44	16:06	6
RE00022	T60	9-Dec	15:44	16:07	6
RE00022	T60	10-Dec	15:44	16:08	6
RE00022	T60	11-Dec	15:44	16:09	7
RE00022	T60	12-Dec	15:44	16:09	7
RE00022	T60	13-Dec	15:44	16:10	7
RE00022	T60	14-Dec	15:45	16:11	7
RE00022	T60	15-Dec	15:45	16:12	7
RE00022	T60	16-Dec	15:45	16:11	7
RE00022	T60	17-Dec	15:45	16:12	7
RE00022	T60	18-Dec	15:46	16:13	7
RE00022	T60	19-Dec	15:46	16:14	8
RE00022	T60	20-Dec	15:46	16:14	8
RE00022	T60	21-Dec	15:47	16:15	8
RE00022	T60	22-Dec	15:47	16:15	8
RE00022	T60	23-Dec	15:48	16:16	8
RE00022	T60	24-Dec	15:48	16:16	8
RE00022	T60	25-Dec	15:49	16:17	8
RE00022	T60	26-Dec	15:49	16:17	8
RE00022	T60	27-Dec	15:50	16:17	7
RE00022	T60	28-Dec	15:50	16:17	7
RE00022	T60	29-Dec	15:51	16:17	7
RE00022	T60	30-Dec	15:52	16:19	7
RE00022	T60	31-Dec	15:53	16:19	7

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00023
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T58 **Expected Annual Hours[1] (hh:mm):** 4:38
Turbine: T60 **Expected Annual Hours[1] (hh:mm):** 2:07

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.57	0.29
Feb	0.57	1.00	0.65	0.37
Mar	0.61	1.00	0.65	0.40
Oct	0.56	1.00	0.65	0.36
Dec	0.47	1.00	0.57	0.27

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00023	T58	23-Feb	17:59	18:03	1
RE00023	T58	24-Feb	17:56	18:04	3
RE00023	T58	25-Feb	17:54	18:06	4
RE00023	T58	26-Feb	17:53	18:07	5
RE00023	T58	27-Feb	17:51	18:09	7
RE00023	T58	28-Feb	17:50	18:11	8
RE00023	T58	1-Mar	17:50	18:12	9
RE00023	T58	2-Mar	17:49	18:14	10
RE00023	T58	3-Mar	17:49	18:16	11
RE00023	T58	4-Mar	17:48	18:17	11
RE00023	T58	5-Mar	17:48	18:17	11
RE00023	T58	6-Mar	17:48	18:16	11
RE00023	T58	7-Mar	17:49	18:16	11
RE00023	T58	8-Mar	17:49	18:15	10
RE00023	T58	9-Mar	17:50	18:14	10
RE00023	T58	10-Mar	17:51	18:12	8
RE00023	T58	11-Mar	17:53	18:10	7
RE00023	T58	12-Mar	17:55	18:08	5
RE00023	T58	13-Mar	18:01	18:02	0
RE00023	T58	2-Oct	18:39	18:41	1
RE00023	T58	3-Oct	18:33	18:46	5
RE00023	T58	4-Oct	18:31	18:48	6
RE00023	T58	5-Oct	18:28	18:49	8

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00023	T58	6-Oct	18:27	18:51	9
RE00023	T58	7-Oct	18:25	18:51	9
RE00023	T58	8-Oct	18:25	18:52	10
RE00023	T58	9-Oct	18:24	18:52	10
RE00023	T58	10-Oct	18:24	18:52	10
RE00023	T58	11-Oct	18:23	18:51	10
RE00023	T58	12-Oct	18:23	18:50	10
RE00023	T58	13-Oct	18:22	18:48	9
RE00023	T58	14-Oct	18:23	18:46	8
RE00023	T58	15-Oct	18:24	18:44	7
RE00023	T58	16-Oct	18:23	18:42	7
RE00023	T58	17-Oct	18:25	18:40	5
RE00023	T58	18-Oct	18:25	18:38	5
RE00023	T58	19-Oct	18:27	18:36	3
RE00023	T58	20-Oct	18:29	18:34	2
RE00023	T60	1-Jan	16:03	16:18	4
RE00023	T60	2-Jan	16:03	16:17	4
RE00023	T60	3-Jan	16:04	16:17	4
RE00023	T60	4-Jan	16:06	16:17	3
RE00023	T60	5-Jan	16:07	16:16	3
RE00023	T60	6-Jan	16:10	16:15	1
RE00023	T60	8-Dec	15:56	16:03	2
RE00023	T60	9-Dec	15:55	16:05	3
RE00023	T60	10-Dec	15:54	16:06	3
RE00023	T60	11-Dec	15:54	16:07	3
RE00023	T60	12-Dec	15:54	16:08	4
RE00023	T60	13-Dec	15:54	16:09	4
RE00023	T60	14-Dec	15:54	16:10	4
RE00023	T60	15-Dec	15:54	16:11	5
RE00023	T60	16-Dec	15:53	16:11	5
RE00023	T60	17-Dec	15:54	16:12	5
RE00023	T60	18-Dec	15:54	16:13	5
RE00023	T60	19-Dec	15:55	16:14	5
RE00023	T60	20-Dec	15:55	16:14	5
RE00023	T60	21-Dec	15:55	16:15	5
RE00023	T60	22-Dec	15:55	16:15	5
RE00023	T60	23-Dec	15:56	16:16	5
RE00023	T60	24-Dec	15:56	16:16	5
RE00023	T60	25-Dec	15:58	16:17	5
RE00023	T60	26-Dec	15:58	16:17	5

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00023	T60	27-Dec	15:58	16:17	5
RE00023	T60	28-Dec	15:59	16:17	5
RE00023	T60	29-Dec	15:59	16:17	5
RE00023	T60	30-Dec	16:01	16:18	5
RE00023	T60	31-Dec	16:02	16:18	4

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00024
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine: T72 **Expected Annual Hours[1] (hh:mm):** 16:09
Turbine: T77 **Expected Annual Hours[1] (hh:mm):** 8:10

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.70	0.36
May	0.63	1.00	0.63	0.40
Jun	0.68	1.00	0.63	0.43
Jul	0.77	1.00	0.63	0.49
Aug	0.75	1.00	0.63	0.47
Nov	0.43	1.00	0.70	0.30
Dec	0.47	1.00	0.70	0.33

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00024	T72	7-May	6:53	6:59	2
RE00024	T72	8-May	6:51	7:01	4
RE00024	T72	9-May	6:50	7:03	5
RE00024	T72	10-May	6:48	7:04	6
RE00024	T72	11-May	6:47	7:05	7
RE00024	T72	12-May	6:46	7:06	8
RE00024	T72	13-May	6:44	7:06	9
RE00024	T72	14-May	6:43	7:07	10
RE00024	T72	15-May	6:42	7:08	10
RE00024	T72	16-May	6:41	7:09	11
RE00024	T72	17-May	6:40	7:09	12
RE00024	T72	18-May	6:38	7:09	12
RE00024	T72	19-May	6:37	7:09	13
RE00024	T72	20-May	6:37	7:09	13
RE00024	T72	21-May	6:37	7:09	13
RE00024	T72	22-May	6:37	7:09	13
RE00024	T72	23-May	6:37	7:09	13
RE00024	T72	24-May	6:37	7:09	13
RE00024	T72	25-May	6:38	7:09	12
RE00024	T72	26-May	6:38	7:09	12
RE00024	T72	27-May	6:39	7:10	12

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00024	T72	28-May	6:39	7:09	12
RE00024	T72	29-May	6:39	7:09	12
RE00024	T72	30-May	6:39	7:09	12
RE00024	T72	31-May	6:40	7:09	12
RE00024	T72	1-Jun	6:40	7:09	12
RE00024	T72	2-Jun	6:41	7:08	12
RE00024	T72	3-Jun	6:42	7:08	11
RE00024	T72	4-Jun	6:42	7:08	11
RE00024	T72	5-Jun	6:43	7:08	11
RE00024	T72	6-Jun	6:43	7:07	10
RE00024	T72	7-Jun	6:44	7:07	10
RE00024	T72	8-Jun	6:45	7:07	9
RE00024	T72	9-Jun	6:45	7:06	9
RE00024	T72	10-Jun	6:45	7:07	9
RE00024	T72	11-Jun	6:46	7:07	9
RE00024	T72	12-Jun	6:47	7:07	9
RE00024	T72	13-Jun	6:47	7:06	8
RE00024	T72	14-Jun	6:47	7:06	8
RE00024	T72	15-Jun	6:48	7:06	8
RE00024	T72	16-Jun	6:49	7:05	7
RE00024	T72	17-Jun	6:49	7:05	7
RE00024	T72	18-Jun	6:49	7:05	7
RE00024	T72	19-Jun	6:50	7:05	6
RE00024	T72	20-Jun	6:50	7:05	6
RE00024	T72	21-Jun	6:51	7:06	6
RE00024	T72	22-Jun	6:51	7:06	6
RE00024	T72	23-Jun	6:51	7:06	6
RE00024	T72	24-Jun	6:51	7:06	6
RE00024	T72	25-Jun	6:52	7:07	6
RE00024	T72	26-Jun	6:51	7:07	7
RE00024	T72	27-Jun	6:51	7:07	7
RE00024	T72	28-Jun	6:52	7:08	7
RE00024	T72	29-Jun	6:51	7:09	8
RE00024	T72	30-Jun	6:51	7:10	8
RE00024	T72	1-Jul	6:51	7:10	9
RE00024	T72	2-Jul	6:51	7:11	10
RE00024	T72	3-Jul	6:50	7:11	10
RE00024	T72	4-Jul	6:50	7:12	11
RE00024	T72	5-Jul	6:51	7:12	10
RE00024	T72	6-Jul	6:50	7:12	11

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00024	T72	7-Jul	6:50	7:13	11
RE00024	T72	8-Jul	6:50	7:14	12
RE00024	T72	9-Jul	6:50	7:15	12
RE00024	T72	10-Jul	6:49	7:15	13
RE00024	T72	11-Jul	6:49	7:15	13
RE00024	T72	12-Jul	6:49	7:16	13
RE00024	T72	13-Jul	6:48	7:17	14
RE00024	T72	14-Jul	6:48	7:17	14
RE00024	T72	15-Jul	6:48	7:18	15
RE00024	T72	16-Jul	6:48	7:18	15
RE00024	T72	17-Jul	6:48	7:18	15
RE00024	T72	18-Jul	6:48	7:19	15
RE00024	T72	19-Jul	6:48	7:19	15
RE00024	T72	20-Jul	6:48	7:19	15
RE00024	T72	21-Jul	6:48	7:19	15
RE00024	T72	22-Jul	6:47	7:19	16
RE00024	T72	23-Jul	6:47	7:19	16
RE00024	T72	24-Jul	6:47	7:19	16
RE00024	T72	25-Jul	6:47	7:19	16
RE00024	T72	26-Jul	6:48	7:20	16
RE00024	T72	27-Jul	6:49	7:20	15
RE00024	T72	28-Jul	6:50	7:19	14
RE00024	T72	29-Jul	6:51	7:19	14
RE00024	T72	30-Jul	6:52	7:18	13
RE00024	T72	31-Jul	6:53	7:18	12
RE00024	T72	1-Aug	6:55	7:18	11
RE00024	T72	2-Aug	6:56	7:17	10
RE00024	T72	3-Aug	6:57	7:16	9
RE00024	T72	4-Aug	6:58	7:14	8
RE00024	T72	5-Aug	7:00	7:14	7
RE00024	T72	6-Aug	7:01	7:12	5
RE00024	T72	7-Aug	7:02	7:09	3
RE00024	T72	8-Aug	7:03	7:04	0
RE00024	T77	1-Jan	9:16	9:43	10
RE00024	T77	2-Jan	9:15	9:42	10
RE00024	T77	3-Jan	9:15	9:43	10
RE00024	T77	4-Jan	9:15	9:43	10
RE00024	T77	5-Jan	9:15	9:44	10
RE00024	T77	6-Jan	9:16	9:45	10
RE00024	T77	7-Jan	9:16	9:44	10

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00024	T77	8-Jan	9:17	9:45	10
RE00024	T77	9-Jan	9:17	9:45	10
RE00024	T77	10-Jan	9:18	9:45	10
RE00024	T77	11-Jan	9:18	9:45	10
RE00024	T77	12-Jan	9:20	9:46	9
RE00024	T77	13-Jan	9:20	9:45	9
RE00024	T77	14-Jan	9:21	9:45	9
RE00024	T77	15-Jan	9:22	9:45	8
RE00024	T77	16-Jan	9:23	9:45	8
RE00024	T77	17-Jan	9:24	9:44	7
RE00024	T77	18-Jan	9:25	9:43	6
RE00024	T77	19-Jan	9:26	9:42	6
RE00024	T77	20-Jan	9:28	9:41	5
RE00024	T77	21-Jan	9:31	9:39	3
RE00024	T77	22-Nov	9:10	9:11	0
RE00024	T77	23-Nov	9:06	9:17	3
RE00024	T77	24-Nov	9:05	9:19	4
RE00024	T77	25-Nov	9:03	9:20	5
RE00024	T77	26-Nov	9:03	9:22	6
RE00024	T77	27-Nov	9:02	9:23	6
RE00024	T77	28-Nov	9:02	9:25	7
RE00024	T77	29-Nov	9:02	9:25	7
RE00024	T77	30-Nov	9:01	9:26	8
RE00024	T77	1-Dec	9:02	9:27	8
RE00024	T77	2-Dec	9:01	9:27	9
RE00024	T77	3-Dec	9:01	9:28	9
RE00024	T77	4-Dec	9:02	9:29	9
RE00024	T77	5-Dec	9:02	9:29	9
RE00024	T77	6-Dec	9:02	9:30	9
RE00024	T77	7-Dec	9:02	9:30	9
RE00024	T77	8-Dec	9:03	9:31	9
RE00024	T77	9-Dec	9:03	9:32	10
RE00024	T77	10-Dec	9:04	9:32	9
RE00024	T77	11-Dec	9:05	9:33	9
RE00024	T77	12-Dec	9:06	9:33	9
RE00024	T77	13-Dec	9:07	9:34	9
RE00024	T77	14-Dec	9:08	9:34	9
RE00024	T77	15-Dec	9:09	9:35	9
RE00024	T77	16-Dec	9:09	9:34	8
RE00024	T77	17-Dec	9:10	9:35	8

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00024	T77	18-Dec	9:11	9:36	8
RE00024	T77	19-Dec	9:12	9:37	8
RE00024	T77	20-Dec	9:12	9:37	8
RE00024	T77	21-Dec	9:13	9:37	8
RE00024	T77	22-Dec	9:13	9:37	8
RE00024	T77	23-Dec	9:14	9:38	8
RE00024	T77	24-Dec	9:14	9:38	8
RE00024	T77	25-Dec	9:15	9:40	8
RE00024	T77	26-Dec	9:15	9:40	8
RE00024	T77	27-Dec	9:15	9:40	8
RE00024	T77	28-Dec	9:15	9:40	8
RE00024	T77	29-Dec	9:15	9:40	8
RE00024	T77	30-Dec	9:16	9:42	9
RE00024	T77	31-Dec	9:16	9:42	9

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00025
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:

Turbine:	T60	**Expected Annual Hours[1] (hh:mm):**	6:29
Turbine:	T64	**Expected Annual Hours[1] (hh:mm):**	3:55
Turbine:	T66	**Expected Annual Hours[1] (hh:mm):**	8:37

[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
Jan	0.51	1.00	0.70	0.36
Feb	0.57	1.00	0.61	0.35
Apr	0.59	1.00	0.71	0.42
May	0.63	1.00	0.71	0.45
Aug	0.75	1.00	0.71	0.53
Sep	0.67	1.00	0.71	0.48
Oct	0.56	1.00	0.61	0.34
Nov	0.43	1.00	0.67	0.29
Dec	0.47	1.00	0.71	0.33

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00025	T60	11-Apr	20:12	20:14	1
RE00025	T60	12-Apr	20:08	20:15	3
RE00025	T60	13-Apr	20:06	20:16	4
RE00025	T60	14-Apr	20:04	20:18	6
RE00025	T60	15-Apr	20:03	20:19	7
RE00025	T60	16-Apr	20:02	20:20	8
RE00025	T60	17-Apr	20:01	20:22	9
RE00025	T60	18-Apr	20:01	20:24	10
RE00025	T60	19-Apr	20:00	20:25	10
RE00025	T60	20-Apr	20:00	20:26	11
RE00025	T60	21-Apr	19:59	20:28	12
RE00025	T60	22-Apr	19:59	20:28	12
RE00025	T60	23-Apr	19:59	20:27	12
RE00025	T60	24-Apr	20:00	20:27	11
RE00025	T60	25-Apr	20:00	20:26	11
RE00025	T60	26-Apr	20:00	20:25	10
RE00025	T60	27-Apr	20:01	20:24	10
RE00025	T60	28-Apr	20:03	20:23	8

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00025	T60	29-Apr	20:04	20:21	7
RE00025	T60	30-Apr	20:05	20:19	6
RE00025	T60	1-May	20:09	20:16	3
RE00025	T60	13-Aug	20:19	20:23	2
RE00025	T60	14-Aug	20:14	20:27	7
RE00025	T60	15-Aug	20:12	20:28	9
RE00025	T60	16-Aug	20:11	20:30	10
RE00025	T60	17-Aug	20:09	20:31	12
RE00025	T60	18-Aug	20:07	20:31	13
RE00025	T60	19-Aug	20:06	20:32	14
RE00025	T60	20-Aug	20:06	20:33	14
RE00025	T60	21-Aug	20:05	20:33	15
RE00025	T60	22-Aug	20:04	20:32	15
RE00025	T60	23-Aug	20:04	20:33	15
RE00025	T60	24-Aug	20:03	20:31	15
RE00025	T60	25-Aug	20:03	20:29	14
RE00025	T60	26-Aug	20:04	20:27	12
RE00025	T60	27-Aug	20:03	20:25	12
RE00025	T60	28-Aug	20:03	20:23	11
RE00025	T60	29-Aug	20:04	20:22	10
RE00025	T60	30-Aug	20:05	20:19	7
RE00025	T60	31-Aug	20:05	20:17	6
RE00025	T60	1-Sep	20:07	20:16	4
RE00025	T60	2-Sep	20:09	20:14	2
RE00025	T64	26-Jan	17:14	17:15	0
RE00025	T64	27-Jan	17:13	17:16	1
RE00025	T64	28-Jan	17:11	17:17	2
RE00025	T64	29-Jan	17:10	17:19	3
RE00025	T64	30-Jan	17:10	17:21	4
RE00025	T64	31-Jan	17:09	17:23	5
RE00025	T64	1-Feb	17:09	17:25	6
RE00025	T64	2-Feb	17:09	17:27	6
RE00025	T64	3-Feb	17:09	17:28	7
RE00025	T64	4-Feb	17:09	17:30	7
RE00025	T64	5-Feb	17:09	17:32	8
RE00025	T64	6-Feb	17:09	17:34	9
RE00025	T64	7-Feb	17:09	17:35	9
RE00025	T64	8-Feb	17:09	17:36	9
RE00025	T64	9-Feb	17:10	17:36	9
RE00025	T64	10-Feb	17:10	17:36	9

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00025	T64	11-Feb	17:11	17:35	8
RE00025	T64	12-Feb	17:12	17:34	8
RE00025	T64	13-Feb	17:13	17:33	7
RE00025	T64	14-Feb	17:15	17:31	6
RE00025	T64	15-Feb	17:18	17:29	4
RE00025	T64	28-Oct	17:48	17:56	3
RE00025	T64	29-Oct	17:45	18:00	5
RE00025	T64	30-Oct	17:44	18:02	6
RE00025	T64	31-Oct	17:43	18:03	7
RE00025	T64	1-Nov	17:41	18:04	7
RE00025	T64	2-Nov	17:40	18:05	7
RE00025	T64	3-Nov	17:40	18:06	7
RE00025	T64	4-Nov	17:39	18:06	8
RE00025	T64	5-Nov	17:39	18:06	8
RE00025	T64	6-Nov	17:39	18:04	7
RE00025	T64	7-Nov	16:38	17:02	7
RE00025	T64	8-Nov	16:39	17:01	6
RE00025	T64	9-Nov	16:39	17:00	6
RE00025	T64	10-Nov	16:39	16:57	5
RE00025	T64	11-Nov	16:40	16:56	5
RE00025	T64	12-Nov	16:41	16:55	4
RE00025	T64	13-Nov	16:42	16:54	3
RE00025	T64	14-Nov	16:42	16:52	3
RE00025	T64	15-Nov	16:43	16:51	2
RE00025	T64	16-Nov	16:45	16:50	1
RE00025	T64	17-Nov	16:46	16:48	1
RE00025	T66	1-Jan	9:15	9:25	4
RE00025	T66	2-Jan	9:15	9:26	4
RE00025	T66	3-Jan	9:15	9:27	4
RE00025	T66	4-Jan	9:15	9:28	5
RE00025	T66	5-Jan	9:15	9:29	5
RE00025	T66	6-Jan	9:15	9:30	5
RE00025	T66	7-Jan	9:14	9:30	6
RE00025	T66	8-Jan	9:14	9:31	6
RE00025	T66	9-Jan	9:13	9:32	7
RE00025	T66	10-Jan	9:13	9:33	7
RE00025	T66	11-Jan	9:12	9:33	7
RE00025	T66	12-Jan	9:12	9:34	8
RE00025	T66	13-Jan	9:11	9:35	9
RE00025	T66	14-Jan	9:10	9:35	9

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00025	T66	15-Jan	9:10	9:36	9
RE00025	T66	16-Jan	9:09	9:36	10
RE00025	T66	17-Jan	9:08	9:37	10
RE00025	T66	18-Jan	9:07	9:37	11
RE00025	T66	19-Jan	9:07	9:37	11
RE00025	T66	20-Jan	9:07	9:38	11
RE00025	T66	21-Jan	9:08	9:38	11
RE00025	T66	22-Jan	9:08	9:38	11
RE00025	T66	23-Jan	9:09	9:38	10
RE00025	T66	24-Jan	9:09	9:38	10
RE00025	T66	25-Jan	9:10	9:38	10
RE00025	T66	26-Jan	9:11	9:38	10
RE00025	T66	27-Jan	9:12	9:38	9
RE00025	T66	28-Jan	9:12	9:37	9
RE00025	T66	29-Jan	9:14	9:36	8
RE00025	T66	30-Jan	9:15	9:36	7
RE00025	T66	31-Jan	9:16	9:34	6
RE00025	T66	1-Feb	9:18	9:33	5
RE00025	T66	2-Feb	9:22	9:30	3
RE00025	T66	11-Nov	8:51	9:02	3
RE00025	T66	12-Nov	8:49	9:05	5
RE00025	T66	13-Nov	8:48	9:07	5
RE00025	T66	14-Nov	8:46	9:08	6
RE00025	T66	15-Nov	8:45	9:09	7
RE00025	T66	16-Nov	8:45	9:10	7
RE00025	T66	17-Nov	8:44	9:11	8
RE00025	T66	18-Nov	8:44	9:12	8
RE00025	T66	19-Nov	8:43	9:12	8
RE00025	T66	20-Nov	8:44	9:13	8
RE00025	T66	21-Nov	8:44	9:14	9
RE00025	T66	22-Nov	8:44	9:13	8
RE00025	T66	23-Nov	8:44	9:14	9
RE00025	T66	24-Nov	8:44	9:14	9
RE00025	T66	25-Nov	8:45	9:15	9
RE00025	T66	26-Nov	8:45	9:15	9
RE00025	T66	27-Nov	8:47	9:15	8
RE00025	T66	28-Nov	8:48	9:15	8
RE00025	T66	29-Nov	8:50	9:16	7
RE00025	T66	30-Nov	8:51	9:15	7
RE00025	T66	1-Dec	8:53	9:16	8

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00025	T66	2-Dec	8:54	9:16	7
RE00025	T66	3-Dec	8:55	9:16	7
RE00025	T66	4-Dec	8:57	9:16	6
RE00025	T66	5-Dec	8:58	9:16	6
RE00025	T66	6-Dec	8:59	9:16	6
RE00025	T66	7-Dec	9:00	9:16	5
RE00025	T66	8-Dec	9:02	9:17	5
RE00025	T66	9-Dec	9:03	9:17	5
RE00025	T66	10-Dec	9:04	9:17	4
RE00025	T66	11-Dec	9:05	9:17	4
RE00025	T66	12-Dec	9:06	9:17	4
RE00025	T66	13-Dec	9:07	9:17	3
RE00025	T66	14-Dec	9:08	9:17	3
RE00025	T66	15-Dec	9:09	9:17	3
RE00025	T66	16-Dec	9:09	9:17	3
RE00025	T66	17-Dec	9:10	9:17	2
RE00025	T66	18-Dec	9:11	9:18	2
RE00025	T66	19-Dec	9:11	9:17	2
RE00025	T66	20-Dec	9:12	9:18	2
RE00025	T66	21-Dec	9:13	9:19	2
RE00025	T66	22-Dec	9:13	9:19	2
RE00025	T66	23-Dec	9:14	9:20	2
RE00025	T66	24-Dec	9:14	9:20	2
RE00025	T66	25-Dec	9:14	9:20	2
RE00025	T66	26-Dec	9:15	9:21	2
RE00025	T66	27-Dec	9:15	9:22	2
RE00025	T66	28-Dec	9:15	9:22	2
RE00025	T66	29-Dec	9:15	9:23	3
RE00025	T66	30-Dec	9:15	9:23	3
RE00025	T66	31-Dec	9:15	9:24	3

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor: RE00028
Timezone: CST (UTC-06:00) *Daylight savings time is considered
Summary of Turbine Results:
Turbine: T68 **Expected Annual Hours[1] (hh:mm):** 19:58
[1] Due to rounding of seconds/minutes total annual hours may be off by a couple of minutes from results in Appendix B.

Reduction Factors (months with no shadow flicker events have been excluded):

Month	Sunshine Reduction	Operation Time Reduction	Wind Direction Reduction	Total Reduction (applied)
May	0.63	1.00	0.72	0.45
Jun	0.68	1.00	0.72	0.49
Jul	0.77	1.00	0.72	0.55
Aug	0.75	1.00	0.72	0.54

Summary of results per day (days with no shadow flicker events have been excluded):

Receptor	WTG	Day	From	To	Expected Minutes
RE00028	T68	3-May	20:42	20:44	1
RE00028	T68	4-May	20:38	20:45	3
RE00028	T68	5-May	20:36	20:46	5
RE00028	T68	6-May	20:34	20:48	6
RE00028	T68	7-May	20:33	20:49	7
RE00028	T68	8-May	20:32	20:51	9
RE00028	T68	9-May	20:31	20:52	10
RE00028	T68	10-May	20:30	20:53	10
RE00028	T68	11-May	20:30	20:55	11
RE00028	T68	12-May	20:29	20:55	12
RE00028	T68	13-May	20:28	20:57	13
RE00028	T68	14-May	20:28	20:58	14
RE00028	T68	15-May	20:28	21:00	15
RE00028	T68	16-May	20:27	21:00	15
RE00028	T68	17-May	20:28	21:02	15
RE00028	T68	18-May	20:28	21:03	16
RE00028	T68	19-May	20:28	21:03	16
RE00028	T68	20-May	20:28	21:03	16
RE00028	T68	21-May	20:28	21:03	16
RE00028	T68	22-May	20:28	21:03	16
RE00028	T68	23-May	20:29	21:03	15
RE00028	T68	24-May	20:29	21:03	15
RE00028	T68	25-May	20:29	21:03	15
RE00028	T68	26-May	20:29	21:02	15
RE00028	T68	27-May	20:30	21:02	15

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00028	T68	28-May	20:30	21:02	15
RE00028	T68	29-May	20:31	21:02	14
RE00028	T68	30-May	20:31	21:02	14
RE00028	T68	31-May	20:32	21:01	13
RE00028	T68	1-Jun	20:33	21:01	14
RE00028	T68	2-Jun	20:33	21:01	14
RE00028	T68	3-Jun	20:33	21:00	13
RE00028	T68	4-Jun	20:35	21:00	12
RE00028	T68	5-Jun	20:35	20:59	12
RE00028	T68	6-Jun	20:36	20:59	11
RE00028	T68	7-Jun	20:37	20:59	11
RE00028	T68	8-Jun	20:37	20:59	11
RE00028	T68	9-Jun	20:38	20:59	10
RE00028	T68	10-Jun	20:39	20:58	9
RE00028	T68	11-Jun	20:39	20:57	9
RE00028	T68	12-Jun	20:40	20:57	8
RE00028	T68	13-Jun	20:41	20:57	8
RE00028	T68	14-Jun	20:42	20:57	7
RE00028	T68	15-Jun	20:43	20:57	7
RE00028	T68	16-Jun	20:43	20:57	7
RE00028	T68	17-Jun	20:44	20:56	6
RE00028	T68	18-Jun	20:44	20:56	6
RE00028	T68	19-Jun	20:45	20:56	5
RE00028	T68	20-Jun	20:45	20:56	5
RE00028	T68	21-Jun	20:45	20:56	5
RE00028	T68	22-Jun	20:45	20:56	5
RE00028	T68	23-Jun	20:46	20:57	5
RE00028	T68	24-Jun	20:46	20:57	5
RE00028	T68	25-Jun	20:46	20:57	5
RE00028	T68	26-Jun	20:46	20:58	6
RE00028	T68	27-Jun	20:46	20:58	6
RE00028	T68	28-Jun	20:45	20:59	7
RE00028	T68	29-Jun	20:46	21:00	7
RE00028	T68	30-Jun	20:45	21:00	7
RE00028	T68	1-Jul	20:45	21:01	9
RE00028	T68	2-Jul	20:44	21:01	9
RE00028	T68	3-Jul	20:44	21:02	10
RE00028	T68	4-Jul	20:44	21:03	11
RE00028	T68	5-Jul	20:43	21:04	12
RE00028	T68	6-Jul	20:43	21:05	12

Shadow Flicker Results Per Day
Wind Turbine: GE 154

Receptor	WTG	Day	From	To	Expected Minutes
RE00028	T68	7-Jul	20:43	21:05	12
RE00028	T68	8-Jul	20:43	21:06	13
RE00028	T68	9-Jul	20:42	21:06	13
RE00028	T68	10-Jul	20:42	21:07	14
RE00028	T68	11-Jul	20:41	21:08	15
RE00028	T68	12-Jul	20:41	21:09	16
RE00028	T68	13-Jul	20:41	21:09	16
RE00028	T68	14-Jul	20:41	21:10	16
RE00028	T68	15-Jul	20:40	21:11	17
RE00028	T68	16-Jul	20:40	21:11	17
RE00028	T68	17-Jul	20:40	21:12	18
RE00028	T68	18-Jul	20:40	21:12	18
RE00028	T68	19-Jul	20:39	21:12	18
RE00028	T68	20-Jul	20:39	21:13	19
RE00028	T68	21-Jul	20:39	21:13	19
RE00028	T68	22-Jul	20:39	21:13	19
RE00028	T68	23-Jul	20:39	21:13	19
RE00028	T68	24-Jul	20:38	21:13	19
RE00028	T68	25-Jul	20:38	21:13	19
RE00028	T68	26-Jul	20:38	21:13	19
RE00028	T68	27-Jul	20:38	21:13	19
RE00028	T68	28-Jul	20:39	21:13	19
RE00028	T68	29-Jul	20:39	21:12	18
RE00028	T68	30-Jul	20:39	21:10	17
RE00028	T68	31-Jul	20:39	21:09	17
RE00028	T68	1-Aug	20:39	21:07	15
RE00028	T68	2-Aug	20:40	21:07	15
RE00028	T68	3-Aug	20:40	21:05	14
RE00028	T68	4-Aug	20:40	21:04	13
RE00028	T68	5-Aug	20:40	21:02	12
RE00028	T68	6-Aug	20:42	21:01	10
RE00028	T68	7-Aug	20:43	20:59	9
RE00028	T68	8-Aug	20:43	20:58	8
RE00028	T68	9-Aug	20:45	20:56	6
RE00028	T68	10-Aug	20:47	20:55	4
RE00028	T68	11-Aug	20:49	20:53	2