



Technical Appendix 11-1 Shadow Flicker Modelling Input Data

EIAR – Volume 3

Muingmore Wind Farm

SLR Project No.: 501.065301.00001

April 2026

Technical Appendix 11-1

Shadow Flicker Modelling Input Data by House / Window

Table 11-1-1: Shadow Flicker Receptor Data

House Number	Window Number	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle
1	1	474732	824808	10	5	3	0	0
1	2	474737	824803	10	5	3	90	0
1	3	474732	824798	10	5	3	180	0
1	4	474727	824803	10	5	3	270	0
2	1	474693	824802	10	5	3	0	0
2	2	474698	824797	10	5	3	90	0
2	3	474693	824792	10	5	3	180	0
2	4	474688	824797	10	5	3	270	0
3	1	474626	824790	10	5	3	0	0
3	2	474631	824785	10	5	3	90	0
3	3	474626	824780	10	5	3	180	0
3	4	474621	824785	10	5	3	270	0
4	1	474904	824648	10	5	3	0	0
4	2	474909	824643	10	5	3	90	0
4	3	474904	824638	10	5	3	180	0
4	4	474899	824643	10	5	3	270	0
5	1	474393	824635	10	5	3	0	0
5	2	474398	824630	10	5	3	90	0
5	3	474393	824625	10	5	3	180	0
5	4	474388	824630	10	5	3	270	0
6	1	474445	824617	10	5	3	0	0
6	2	474450	824612	10	5	3	90	0
6	3	474445	824607	10	5	3	180	0
6	4	474440	824612	10	5	3	270	0
7	1	474442	824616	10	5	3	0	0
7	2	474447	824611	10	5	3	90	0
7	3	474442	824606	10	5	3	180	0
7	4	474437	824611	10	5	3	270	0
8	1	474758	824585	10	5	3	0	0

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House Number	Window Number	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle
8	2	474763	824580	10	5	3	90	0
8	3	474758	824575	10	5	3	180	0
8	4	474753	824580	10	5	3	270	0
9	1	474386	824558	10	5	3	0	0
9	2	474391	824553	10	5	3	90	0
9	3	474386	824548	10	5	3	180	0
9	4	474381	824553	10	5	3	270	0
10	1	474388	824551	10	5	3	0	0
10	2	474393	824546	10	5	3	90	0
10	3	474388	824541	10	5	3	180	0
10	4	474383	824546	10	5	3	270	0
11	1	474629	824305	10	5	3	0	0
11	2	474634	824300	10	5	3	90	0
11	3	474629	824295	10	5	3	180	0
11	4	474624	824300	10	5	3	270	0
12	1	474504	824294	10	5	3	0	0
12	2	474509	824289	10	5	3	90	0
12	3	474504	824284	10	5	3	180	0
12	4	474499	824289	10	5	3	270	0
13	1	474566	824274	10	5	3	0	0
13	2	474571	824269	10	5	3	90	0
13	3	474566	824264	10	5	3	180	0
13	4	474561	824269	10	5	3	270	0
14	1	474504	824227	10	5	3	0	0
14	2	474509	824222	10	5	3	90	0
14	3	474504	824217	10	5	3	180	0
14	4	474499	824222	10	5	3	270	0
15	1	474499	824192	10	5	3	0	0
15	2	474504	824187	10	5	3	90	0
15	3	474499	824182	10	5	3	180	0
15	4	474494	824187	10	5	3	270	0
16	1	474638	823993	10	5	3	0	0
16	2	474643	823988	10	5	3	90	0
16	3	474638	823983	10	5	3	180	0

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House Number	Window Number	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle
16	4	474633	823988	10	5	3	270	0
17	1	474501	823983	10	5	3	0	0
17	2	474506	823978	10	5	3	90	0
17	3	474501	823973	10	5	3	180	0
17	4	474496	823978	10	5	3	270	0
18	1	474703	823945	10	5	3	0	0
18	2	474708	823940	10	5	3	90	0
18	3	474703	823935	10	5	3	180	0
18	4	474698	823940	10	5	3	270	0
19	1	474515	823943	10	5	3	0	0
19	2	474520	823938	10	5	3	90	0
19	3	474515	823933	10	5	3	180	0
19	4	474510	823938	10	5	3	270	0
20	1	474743	823925	10	5	3	0	0
20	2	474748	823920	10	5	3	90	0
20	3	474743	823915	10	5	3	180	0
20	4	474738	823920	10	5	3	270	0
21	1	474716	823754	10	5	3	0	0
21	2	474721	823749	10	5	3	90	0
21	3	474716	823744	10	5	3	180	0
21	4	474711	823749	10	5	3	270	0
22	1	474381	823651	10	5	3	0	0
22	2	474386	823646	10	5	3	90	0
22	3	474381	823641	10	5	3	180	0
22	4	474376	823646	10	5	3	270	0
24	1	474404	823640	10	5	3	0	0
24	2	474409	823635	10	5	3	90	0
24	3	474404	823630	10	5	3	180	0
24	4	474399	823635	10	5	3	270	0
25	1	474286	823590	10	5	3	0	0
25	2	474291	823585	10	5	3	90	0
25	3	474286	823580	10	5	3	180	0
25	4	474281	823585	10	5	3	270	0
27	1	478693	823198	10	5	3	0	0

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House Number	Window Number	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle
27	2	478698	823193	10	5	3	90	0
27	3	478693	823188	10	5	3	180	0
27	4	478688	823193	10	5	3	270	0
28	1	478648	823158	10	5	3	0	0
28	2	478653	823153	10	5	3	90	0
28	3	478648	823148	10	5	3	180	0
28	4	478643	823153	10	5	3	270	0
29	1	478835	823097	10	5	3	0	0
29	2	478840	823092	10	5	3	90	0
29	3	478835	823087	10	5	3	180	0
29	4	478830	823092	10	5	3	270	0
31	1	479019	823024	10	5	3	0	0
31	2	479024	823019	10	5	3	90	0
31	3	479019	823014	10	5	3	180	0
31	4	479014	823019	10	5	3	270	0
32	1	479061	822972	10	5	3	0	0
32	2	479066	822967	10	5	3	90	0
32	3	479061	822962	10	5	3	180	0
32	4	479056	822967	10	5	3	270	0
33	1	475277	822931	10	5	3	0	0
33	2	475282	822926	10	5	3	90	0
33	3	475277	822921	10	5	3	180	0
33	4	475272	822926	10	5	3	270	0
34	1	475345	822867	10	5	3	0	0
34	2	475350	822862	10	5	3	90	0
34	3	475345	822857	10	5	3	180	0
34	4	475340	822862	10	5	3	270	0
35	1	475364	822842	10	5	3	0	0
35	2	475369	822837	10	5	3	90	0
35	3	475364	822832	10	5	3	180	0
35	4	475359	822837	10	5	3	270	0
36	1	475411	822794	10	5	3	0	0
36	2	475416	822789	10	5	3	90	0
36	3	475411	822784	10	5	3	180	0

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House Number	Window Number	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle
36	4	475406	822789	10	5	3	270	0
38	1	475484	822670	10	5	3	0	0
38	2	475489	822665	10	5	3	90	0
38	3	475484	822660	10	5	3	180	0
38	4	475479	822665	10	5	3	270	0
39	1	475515	822628	10	5	3	0	0
39	2	475520	822623	10	5	3	90	0
39	3	475515	822618	10	5	3	180	0
39	4	475510	822623	10	5	3	270	0
40	1	475541	822550	10	5	3	0	0
40	2	475546	822545	10	5	3	90	0
40	3	475541	822540	10	5	3	180	0
40	4	475536	822545	10	5	3	270	0
41	1	475474	822527	10	5	3	0	0
41	2	475479	822522	10	5	3	90	0
41	3	475474	822517	10	5	3	180	0
41	4	475469	822522	10	5	3	270	0
42	1	475598	822382	10	5	3	0	0
42	2	475603	822377	10	5	3	90	0
42	3	475598	822372	10	5	3	180	0
42	4	475593	822377	10	5	3	270	0
43	1	475607	822352	10	5	3	0	0
43	2	475612	822347	10	5	3	90	0
43	3	475607	822342	10	5	3	180	0
43	4	475602	822347	10	5	3	270	0
44	1	475620	822302	10	5	3	0	0
44	2	475625	822297	10	5	3	90	0
44	3	475620	822292	10	5	3	180	0
44	4	475615	822297	10	5	3	270	0
45	1	478283	822158	10	5	3	0	0
45	2	478288	822153	10	5	3	90	0
45	3	478283	822148	10	5	3	180	0
45	4	478278	822153	10	5	3	270	0
46	1	478228	822142	10	5	3	0	0

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House Number	Window Number	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle
46	2	478233	822137	10	5	3	90	0
46	3	478228	822132	10	5	3	180	0
46	4	478223	822137	10	5	3	270	0
47	1	477842	822087	10	5	3	0	0
47	2	477847	822082	10	5	3	90	0
47	3	477842	822077	10	5	3	180	0
47	4	477837	822082	10	5	3	270	0
48	1	477988	821959	10	5	3	0	0
48	2	477993	821954	10	5	3	90	0
48	3	477988	821949	10	5	3	180	0
48	4	477983	821954	10	5	3	270	0
49	1	478321	821937	10	5	3	0	0
49	2	478326	821932	10	5	3	90	0
49	3	478321	821927	10	5	3	180	0
49	4	478316	821932	10	5	3	270	0
50	1	478069	821887	10	5	3	0	0
50	2	478074	821882	10	5	3	90	0
50	3	478069	821877	10	5	3	180	0
50	4	478064	821882	10	5	3	270	0
51	1	478269	821789	10	5	3	0	0
51	2	478274	821784	10	5	3	90	0
51	3	478269	821779	10	5	3	180	0
51	4	478264	821784	10	5	3	270	0
52	1	478203	821785	10	5	3	0	0
52	2	478208	821780	10	5	3	90	0
52	3	478203	821775	10	5	3	180	0
52	4	478198	821780	10	5	3	270	0
53	1	478432	821729	10	5	3	0	0
53	2	478437	821724	10	5	3	90	0
53	3	478432	821719	10	5	3	180	0
53	4	478427	821724	10	5	3	270	0
54	1	478467	821726	10	5	3	0	0
54	2	478472	821721	10	5	3	90	0
54	3	478467	821716	10	5	3	180	0

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House Number	Window Number	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle
54	4	478462	821721	10	5	3	270	0
55	1	478587	821642	10	5	3	0	0
55	2	478592	821637	10	5	3	90	0
55	3	478587	821632	10	5	3	180	0
55	4	478582	821637	10	5	3	270	0
56	1	475624	821130	10	5	3	0	0
56	2	475629	821125	10	5	3	90	0
56	3	475624	821120	10	5	3	180	0
56	4	475619	821125	10	5	3	270	0
57	1	475613	821054	10	5	3	0	0
57	2	475618	821049	10	5	3	90	0
57	3	475613	821044	10	5	3	180	0
57	4	475608	821049	10	5	3	270	0
58	1	475606	821034	10	5	3	0	0
58	2	475611	821029	10	5	3	90	0
58	3	475606	821024	10	5	3	180	0
58	4	475601	821029	10	5	3	270	0
59	1	477440	821015	10	5	3	0	0
59	2	477445	821010	10	5	3	90	0
59	3	477440	821005	10	5	3	180	0
59	4	477435	821010	10	5	3	270	0
60	1	477320	820974	10	5	3	0	0
60	2	477325	820969	10	5	3	90	0
60	3	477320	820964	10	5	3	180	0
60	4	477315	820969	10	5	3	270	0
61	1	477192	820887	10	5	3	0	0
61	2	477197	820882	10	5	3	90	0
61	3	477192	820877	10	5	3	180	0
61	4	477187	820882	10	5	3	270	0
62	1	477174	820884	10	5	3	0	0
62	2	477179	820879	10	5	3	90	0
62	3	477174	820874	10	5	3	180	0
62	4	477169	820879	10	5	3	270	0
63	1	477157	820870	10	5	3	0	0

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House Number	Window Number	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle
63	2	477162	820865	10	5	3	90	0
63	3	477157	820860	10	5	3	180	0
63	4	477152	820865	10	5	3	270	0
64	1	477016	820860	10	5	3	0	0
64	2	477021	820855	10	5	3	90	0
64	3	477016	820850	10	5	3	180	0
64	4	477011	820855	10	5	3	270	0
65	1	475729	820855	10	5	3	0	0
65	2	475734	820850	10	5	3	90	0
65	3	475729	820845	10	5	3	180	0
65	4	475724	820850	10	5	3	270	0
66	1	477217	820766	10	5	3	0	0
66	2	477222	820761	10	5	3	90	0
66	3	477217	820756	10	5	3	180	0
66	4	477212	820761	10	5	3	270	0
67	1	476644	820419	10	5	3	0	0
67	2	476649	820414	10	5	3	90	0
67	3	476644	820409	10	5	3	180	0
67	4	476639	820414	10	5	3	270	0
68	1	476853	820297	10	5	3	0	0
68	2	476858	820292	10	5	3	90	0
68	3	476853	820287	10	5	3	180	0
68	4	476848	820292	10	5	3	270	0
69	1	475575	820245	10	5	3	0	0
69	2	475580	820240	10	5	3	90	0
69	3	475575	820235	10	5	3	180	0
69	4	475570	820240	10	5	3	270	0
70	1	475479	820238	10	5	3	0	0
70	2	475484	820233	10	5	3	90	0
70	3	475479	820228	10	5	3	180	0
70	4	475474	820233	10	5	3	270	0
71	1	475576	820230	10	5	3	0	0
71	2	475581	820225	10	5	3	90	0
71	3	475576	820220	10	5	3	180	0

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House Number	Window Number	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle
71	4	475571	820225	10	5	3	270	0
72	1	475532	820221	10	5	3	0	0
72	2	475537	820216	10	5	3	90	0
72	3	475532	820211	10	5	3	180	0
72	4	475527	820216	10	5	3	270	0
73	1	475579	820219	10	5	3	0	0
73	2	475584	820214	10	5	3	90	0
73	3	475579	820209	10	5	3	180	0
73	4	475574	820214	10	5	3	270	0
74	1	476374	820208	10	5	3	0	0
74	2	476379	820203	10	5	3	90	0
74	3	476374	820198	10	5	3	180	0
74	4	476369	820203	10	5	3	270	0
75	1	475599	820207	10	5	3	0	0
75	2	475604	820202	10	5	3	90	0
75	3	475599	820197	10	5	3	180	0
75	4	475594	820202	10	5	3	270	0
76	1	475586	820196	10	5	3	0	0
76	2	475591	820191	10	5	3	90	0
76	3	475586	820186	10	5	3	180	0
76	4	475581	820191	10	5	3	270	0
77	1	475409	820187	10	5	3	0	0
77	2	475414	820182	10	5	3	90	0
77	3	475409	820177	10	5	3	180	0
77	4	475404	820182	10	5	3	270	0
78	1	475576	820178	10	5	3	0	0
78	2	475581	820173	10	5	3	90	0
78	3	475576	820168	10	5	3	180	0
78	4	475571	820173	10	5	3	270	0
79	1	475575	820164	10	5	3	0	0
79	2	475580	820159	10	5	3	90	0
79	3	475575	820154	10	5	3	180	0
79	4	475570	820159	10	5	3	270	0
80	1	475581	820158	10	5	3	0	0

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House Number	Window Number	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle
80	2	475586	820153	10	5	3	90	0
80	3	475581	820148	10	5	3	180	0
80	4	475576	820153	10	5	3	270	0
81	1	475468	820153	10	5	3	0	0
81	2	475473	820148	10	5	3	90	0
81	3	475468	820143	10	5	3	180	0
81	4	475463	820148	10	5	3	270	0
82	1	475597	820149	10	5	3	0	0
82	2	475602	820144	10	5	3	90	0
82	3	475597	820139	10	5	3	180	0
82	4	475592	820144	10	5	3	270	0
83	1	475544	820134	10	5	3	0	0
83	2	475549	820129	10	5	3	90	0
83	3	475544	820124	10	5	3	180	0
83	4	475539	820129	10	5	3	270	0
84	1	475615	820111	10	5	3	0	0
84	2	475620	820106	10	5	3	90	0
84	3	475615	820101	10	5	3	180	0
84	4	475610	820106	10	5	3	270	0
85	1	475585	820108	10	5	3	0	0
85	2	475590	820103	10	5	3	90	0
85	3	475585	820098	10	5	3	180	0
85	4	475580	820103	10	5	3	270	0
86	1	476260	820106	10	5	3	0	0
86	2	476265	820101	10	5	3	90	0
86	3	476260	820096	10	5	3	180	0
86	4	476255	820101	10	5	3	270	0
87	1	475633	820095	10	5	3	0	0
87	2	475638	820090	10	5	3	90	0
87	3	475633	820085	10	5	3	180	0
87	4	475628	820090	10	5	3	270	0
88	1	475600	820088	10	5	3	0	0
88	2	475605	820083	10	5	3	90	0
88	3	475600	820078	10	5	3	180	0

SHADOW FLICKER MODELLING INPUT DATA 11-1

House Number	Window Number	Easting	Northing	Width (m)	Depth (m)	Height (m)	Degrees from North	Tilt angle
88	4	475595	820083	10	5	3	270	0
89	1	475644	820081	10	5	3	0	0
89	2	475649	820076	10	5	3	90	0
89	3	475644	820071	10	5	3	180	0
89	4	475639	820076	10	5	3	270	0
90	1	475651	820072	10	5	3	0	0
90	2	475656	820067	10	5	3	90	0
90	3	475651	820062	10	5	3	180	0
90	4	475646	820067	10	5	3	270	0
93	1	476030	819985	10	5	3	0	0
93	2	476035	819980	10	5	3	90	0
93	3	476030	819975	10	5	3	180	0
93	4	476025	819980	10	5	3	270	0
94	1	476023	819977	10	5	3	0	0
94	2	476028	819972	10	5	3	90	0
94	3	476023	819967	10	5	3	180	0
94	4	476018	819972	10	5	3	270	0
97	1	474410	823072	10	5	3	0	0
97	2	474415	823067	10	5	3	90	0
97	3	474410	823062	10	5	3	180	0
97	4	474405	823067	10	5	3	270	0
98	1	475393	820209	10	5	3	0	0
98	2	475398	820204	10	5	3	90	0
98	3	475393	820199	10	5	3	180	0
98	4	475388	820204	10	5	3	270	0
99	1	475492	820236	10	5	3	0	0
99	2	475497	820231	10	5	3	90	0
99	3	475492	820226	10	5	3	180	0
99	4	475487	820231	10	5	3	270	0
100	1	478401	821729	10	5	3	0	0
100	2	478406	821724	10	5	3	90	0
100	3	478401	821719	10	5	3	180	0
100	4	478396	821724	10	5	3	270	0