Attachment 3 – Noise modeling results at Merricourt for Layout v100 (V110-2.0)
Coordinates reported in UTM datum NAD83 Zone 14

Shadow flicker modeling results at Merricourt for Layout v100 (V110-2.0)
Results for all receptors with more than one hour of shadow flicker per year

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Attachment 3 - Noise and Shadow Flicker modeling results

EDF Renewable Development, Inc.

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Attachment 3 - Noise and Shadow Flicker modeling results

EDF Renewable Development, Inc.

Noise modeling results at Merricourt for Layout v100 (V110-2.0)
Coordinates reported in UTM datum NAD83 Zone 14

Receptor ID	Easting [m]	Northing [m]	Noise [dBA]	Distance to Nearest Turbine [ft]	Nearest Turbine	Receptor Participation Status
26	497902	5102858	**49.6**	1531	47	Participating
9	500078	5108882	**48.4**	2158	78	Participating
21	497769	5104152	**47.8**	2010	46	Participating
15	495120	5108250	**46.8**	3112	33	Non-participating
17	493288	5105817	**46.7**	2711	19	Non-participating
6	497191	5110317	**46.4**	2115	30	Non-participating
8	498719	5109392	**46.4**	2537	79	Participating
22	495757	5105037	**46.0**	1942	44	Participating
5	498297	5110117	**45.5**	2316	32	Non-participating
14	500243	5106870	**44.7**	2711	60	Non-participating
7	493436	5110465	**43.9**	3084	26	Non-participating
23	492488	5104255	**42.3**	3019	40	Non-participating
16	490284	5105421	**39.0**	4384	13	Participating
27	500571	5102128	**38.6**	4932	68	Non-participating
10	503221	5109799	**35.5**	5639	75	Non-participating
18	502098	5105119	**35.5**	8651	61	Non-participating
24	490239	5103986	**34.6**	8727	13	Non-participating
25	489541	5104486	**33.9**	8299	13	Participating
2	493612	5112879	**33.7**	8392	26	Non-participating
34	497559	5099194	**33.4**	8231	53	Non-participating
46	488897	5108717	**33.4**	10078	13	Non-participating
1	493771	5113185	**32.8**	9228	26	Non-participating
3	494257	5113407	**32.3**	9750	26	Non-participating
33	501205	5100191	**31.6**	9431	69	Non-participating
4	495901	5113848	**31.4**	12258	26	Non-participating
32	501751	5100252	**30.4**	10747	69	Non-participating
42	497919	5097919	**29.0**	12515	53	Non-participating
35	501220	5098859	**28.3**	12729	69	Non-participating
28	504260	5102971	**27.3**	16969	68	Non-participating
13	506005	5107911	**25.9**	15309	75	Non-participating
41	496475	5096801	**25.3**	16357	53	Non-participating
12	506625	5109337	**23.9**	16608	75	Non-participating
20	505904	5103621	**23.6**	21891	62	Non-participating
29	506768	5102402	**20.4**	25128	68	Non-participating
11	507698	5110376	**20.4**	20413	75	Non-participating
38	504340	5097824	**19.8**	22314	69	Non-participating
39	504524	5097792	**19.4**	22855	69	Non-participating
40	504993	5096786	**16.7**	26146	69	Non-participating
31	507435	5100145	**16.5**	28342	69	Non-participating
19	509583	5104876	**15.3**	30120	75	Non-participating
30	508386	5100217	**14.5**	31338	68	Non-participating
36	508449	5099327	**13.4**	32234	69	Non-participating
43	511145	5108851	**12.1**	31483	75	Non-participating
37	507752	5096650	**11.2**	33715	69	Non-participating
44	511544	5098216	**5.6**	43012	69	Non-participating
45	511147	5096893	**4.9**	43274	69	Non-participating

Shadow flicker modeling results at Merricourt for Layout v100 (V110-2.0)
Results for all receptors with more than one hour of shadow flicker per year.

Receptor ID	Easting [m]	Northing [m]	Shadow flicker hours per year	Distance to Nearest Turbine [ft]	Nearest Turbine	Receptor Participation Status
6	497191	5110317	**18.9**	2115	30	Non-participating
8	498719	5109392	**17.9**	2537	79	Participating
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14	500243	5106870	**4.6**	2711	60	Non-participating
7	493436	5110465	**4.2**	3084	26	Non-participating
23	492488	5104255	**4.0**	3019	40	Non-participating

ATTACHMENT 3