

MWP

Environmental Impact Assessment Report (EIAR)

Volume 3: Appendix 7 Bat Nightly Average and Bat Hourly Average

**Dernacart Wind Farm
110kV Substation and Grid Connection**

Statkraft Ireland

October 2024

Appendix 7a

Bat – Nightly Average

SP1	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	0	266	5	279	232	0	32
Nightly Avg	0	26.6	0.5	27.9	23.2	0	3.2

SP2	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	14	263	4	274	118	0	9
Nightly Avg	1.4	26.3	0.4	27.4	11.8	0	0.9

SP3	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	24	304	112	2885	1510	4	111
Nightly Avg	2.4	30.4	11.2	288.5	151	0.4	11.1

SP4	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	13	541	9	3710	921	65	441
Nightly Avg	1.3	54.1	0.9	371	92.1	6.5	44.1

SP5	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	4	279	5	288	67	1	45
Nightly Avg	0.4	27.9	0.5	28.8	6.7	0.1	4.5

SP6	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	8	158	14	1743	1318	2	29
Nightly Avg	0.8	15.8	1.4	174.3	131.8	0.2	2.9

SP7	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	12	204	6	809	872	12	14
Nightly Avg	1.2	20.4	0.6	80.9	87.2	1.2	1.4

SP8	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	26	325	27	331	293	31	26
Nightly Avg	2.6	32.5	2.7	33.1	29.3	3.1	2.6

Appendix 7 b
Bat –Hourly Average

SP1	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	0	26.6	0.5	27.9	23.2	0	3.2
Hourly Avg	0	2.66	0.05	2.79	2.32	0	0.32

SP2	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	1.4	26.3	0.4	27.4	11.8	0	0.9
Hourly Avg	0.14	2.63	0.04	2.74	1.18	0	0.09

SP3	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	2.4	30.4	11.2	288.5	151	0.4	11.1
Hourly Avg	0.48	3.04	1.12	28.85	15.1	0.04	1.11

SP4	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	1.3	54.1	0.9	371	92.1	6.5	44.1
Hourly Avg	0.13	5.41	0.09	37.1	9.21	0.65	4.41

SP5	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	0.4	27.9	0.5	28.8	6.7	0.1	4.5
Hourly Avg	0.08	2.79	0.05	2.88	0.67	0.01	0.45

SP6	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	0.8	15.8	1.4	174.3	131.8	0.2	2.9
Hourly Avg	0.16	1.58	0.14	17.43	13.18	0.02	0.29

SP7	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	1.2	20.4	0.6	80.9	87.2	1.2	1.4
Hourly Avg	0.24	2.04	0.06	8.09	8.72	0.12	0.14

SP8	Myotis spp.	Leisler's bat	Nathusius' pipistrelle	Common pipistrelle	Soprano pipistrelle	Brown long-eared bat	NoID
April / spring	2.6	32.5	2.7	33.1	29.3	3.1	2.6
Hourly Avg	0.52	3.25	0.54	6.62	5.86	0.62	0.52