

Vedlegg\_1.0: Tabell – Støy- og skyggecastberegninger for Tysvær Vindkraftverk (20210414)

Tabell 1 – Beregnet omfang av støy og skyggecast for samtlige støy- og skyggecastsensitive bygg innenfor 2 km fra nærmeste vindturbin


				Beregnet omfang av støy, worst case (Lden) [dB]		Beregnet omfang av skyggecast						Merknad
Bygg ID	Avstand fra nærmeste turbin	Koordinater (UTM sone 32, WGS84)		Uten støy-reduksjon	Med støy-reduksjon	Uten curtailment			Med curtailment			
		Øst	Nord			Beregnet sannsynlig skyggecast (t:m/år)	Beregnet teoretisk maksimal skyggecast (t:m/år)	Beregnet teoretisk maksimal skyggecast (min/dag)	Beregnet sannsynlig skyggecast (t:m/år)	Beregnet teoretisk maksimal skyggecast (t:m/år)	Beregnet teoretisk maksimal skyggecast (min/dag)	
A	662	304363	6580595	44.6	44.2	33:28	133:49	01:42	07:47	27:01	00:32	
B	616	304772	6579374	49.8	49.6	33:10	139:34	01:13	33:10	139:34	01:13	*
C	580	304426	6580485	46.9	46.6	30:51	119:05	01:09	24:22	95:29	00:50	*
D	874	303960	6579112	47.4	47.3	27:12	103:36	00:57	27:12	103:36	00:57	*
D2	765	303877	6579257	49.0	48.8	19:50	74:42	00:48	19:50	74:42	00:48	*
D3	914	303973	6579061	47.3	47.1	28:27	107:36	00:59	28:27	107:36	00:59	*
E	921	303863	6579003	47.2	46.9	25:31	95:29	00:55	25:31	95:29	00:55	*
E2	895	303875	6578980	47.3	47.1	26:06	97:23	00:56	26:06	97:23	00:56	*
F	691	304401	6579299	48.7	48.6	22:29	93:38	01:11	22:29	93:38	01:11	*
G	710	304526	6579331	49.2	49.0	21:30	90:00	01:02	21:30	90:00	01:02	*
G2	722	304550	6579331	49.6	49.4	18:06	78:35	01:02	18:06	78:35	01:02	*
H	969	303756	6579088	46.8	46.6	18:31	65:38	00:47	18:31	65:38	00:47	*
I	1203	303893	6581500	43.3	43.1	16:45	65:00	01:10	06:46	25:40	00:26	
J	749	305704	6580824	45.1	44.6	13:36	61:19	00:47	06:00	25:21	00:30	
K	1014	303718	6579007	46.7	46.4	11:56	41:47	00:47	11:56	41:47	00:47	*
L	973	305566	6581159	44.0	43.6	12:10	50:21	00:48	07:02	29:01	00:31	
M	957	305599	6581129	44.0	43.5	12:07	50:31	00:45	06:45	28:08	00:31	
N	1045	305667	6581195	44.4	44.0	11:14	47:15	00:43	05:03	21:41	00:29	
O	995	305696	6581124	41.9	41.5	10:52	46:25	00:41	05:01	21:57	00:39	
P	1057	305743	6581169	44.1	43.7	10:40	45:47	00:38	06:28	27:46	00:28	
Q	1369	302678	6577252	40.5	38.7	09:52	46:41	00:37	07:34	36:14	00:37	
R	1063	305801	6581141	44.0	43.6	09:50	43:04	00:37	07:52	34:12	00:30	
S	915	305887	6580880	44.7	44.2	09:47	46:12	00:40	07:43	35:52	00:26	
T	930	306074	6580629	44.4	43.9	09:44	46:33	00:43	07:25	36:00	00:40	
U	1066	305850	6581111	43.7	43.3	09:09	40:53	00:36	07:33	33:21	00:28	
V	961	306046	6580749	44.6	44.1	09:08	43:53	00:39	07:01	33:22	00:30	
W	1129	305541	6581331	43.4	42.9	08:56	36:49	00:55	07:24	30:43	00:41	
X	1102	305560	6581297	43.6	43.2	08:55	37:05	00:54	06:21	26:42	00:33	
Y	1101	305613	6581278	43.8	43.4	08:49	37:19	00:52	05:20	22:56	00:28	
Z	1078	305581	6581265	43.8	43.3	08:48	36:59	00:51	05:08	22:00	00:28	
AA	990	305987	6580880	45.5	45.0	08:43	42:05	00:38	07:16	34:37	00:29	
AB	834	305922	6580706	43.9	43.2	08:38	42:22	00:44	07:21	35:43	00:34	
AC	1034	306226	6580512	42.2	41.8	08:36	41:46	00:42	07:01	34:13	00:28	
AD	1004	306048	6580824	44.4	44.0	08:34	41:23	00:37	07:27	35:37	00:32	
AE	1045	306217	6580580	42.3	41.8	08:12	39:55	00:41	07:35	36:57	00:40	
AF	1075	306272	6580496	41.8	41.4	08:10	39:34	00:41	07:06	34:32	00:28	
AG	1039	306111	6580791	43.9	43.5	08:08	39:14	00:37	05:55	28:25	00:32	
AH	1130	302926	6577281	43.3	41.6	08:01	37:35	00:28	06:14	29:27	00:28	
AI	1081	306271	6580526	41.7	41.2	07:57	38:38	00:42	06:30	31:43	00:27	
AJ	1060	306212	6580636	43.2	42.7	07:53	38:13	00:40	07:40	37:13	00:40	
AK	1320	302716	6577288	38.2	35.0	07:46	36:05	00:25	06:06	28:36	00:25	
AL	1141	305999	6581087	43.8	43.4	07:42	35:40	00:34	07:28	34:33	00:34	
AM	1164	303122	6581476	41.9	41.8	07:36	25:33	00:49	07:36	25:33	00:49	
AN	783	303231	6577449	46.3	44.6	07:27	30:45	00:37	07:27	30:45	00:37	
AO	1058	305446	6578325	43.0	42.5	07:16	33:14	00:28	07:16	33:14	00:28	
AP	1027	306239	6580417	42.5	42.0	07:09	34:15	00:46	06:51	32:48	00:39	
AQ	1350	305273	6581596	41.1	40.6	06:30	24:56	00:38	06:30	24:56	00:38	
AR	896	306069	6580552	43.4	42.7	06:18	30:31	00:32	06:18	30:31	00:32	
AS	985	306208	6580354	39.1	38.4	06:18	29:23	00:30	06:18	29:23	00:30	
AT	1225	306192	6581001	43.2	42.8	06:15	30:27	00:30	05:32	26:46	00:28	
AU	1286	306432	6580695	44.4	44.0	05:50	28:40	00:33	05:33	27:17	00:33	
AV	1305	306436	6580736	43.7	43.4	05:39	27:53	00:32	05:37	27:40	00:32	
AW	1316	306438	6580761	43.4	43.1	05:35	27:30	00:31	05:35	27:30	00:31	
AX	1327	306477	6580690	42.2	41.9	05:32	27:07	00:32	05:07	25:10	00:32	
AY	1331	306466	6580731	42.8	42.5	05:30	27:04	00:32	05:23	26:32	00:32	


AZ	1402	302838	6581615	40.9	40.8	05:25	17:53	00:40	05:25	17:53	00:40	
BA	1185	306056	6581093	43.3	42.9	05:12	24:51	00:31	05:01	23:58	00:31	
BB	1233	306079	6581138	43.2	42.6	04:57	23:32	00:30	04:56	23:29	00:30	
BC	1229	306102	6581110	43.2	42.8	04:51	23:21	00:30	04:41	22:34	00:30	
BD	1252	306173	6581067	43.5	43.1	04:32	22:29	00:30	04:01	19:51	00:30	
BE	1282	306155	6581131	42.6	42.1	04:30	21:49	00:30	04:22	21:11	00:30	
BF	983	305356	6578435	43.0	42.6	04:26	21:18	00:30	04:26	21:18	00:30	
BG	1299	306184	6581124	42.6	42.2	04:23	21:28	00:29	04:13	20:37	00:29	
BH	1292	306227	6581064	43.0	42.6	04:18	21:33	00:29	03:52	19:17	00:29	
BI	1470	302537	6577353	39.2	37.9	04:15	19:10	00:22	04:09	18:44	00:22	
BJ	1382	306527	6580713	40.4	40.0	04:11	20:36	00:22	04:11	20:36	00:22	
BK	1381	306514	6580747	40.4	40.0	04:10	20:37	00:21	04:10	20:37	00:21	
BL	984	306265	6580240	37.3	36.1	03:52	15:53	00:29	03:52	15:53	00:29	
BM	972	306231	6580285	36.0	34.8	03:49	16:08	00:30	03:49	16:08	00:30	
BN	858	306017	6580580	40.2	39.4	03:46	17:58	00:33	03:46	17:58	00:33	
BO	889	306073	6580516	39.2	38.0	03:43	17:26	00:32	03:43	17:26	00:32	
BP	982	306224	6580320	37.2	36.1	03:39	15:48	00:30	03:39	15:48	00:30	
BQ	1408	305303	6581653	41.5	41.1	03:24	12:50	00:23	03:24	12:50	00:23	
BR	934	306120	6580518	41.8	41.0	03:22	15:49	00:31	03:22	15:49	00:31	
BS	1369	306210	6581199	41.0	40.6	03:20	16:00	00:22	03:20	16:00	00:22	
BT	1391	306267	6581170	40.8	40.4	03:07	15:18	00:22	03:07	15:18	00:22	
BU	936	305623	6578601	42.9	42.6	03:02	14:13	00:30	03:02	14:13	00:30	
BV	1416	306483	6580899	41.8	41.4	02:46	13:47	00:21	02:46	13:47	00:21	
BW	1429	306537	6580816	40.2	39.8	02:42	13:32	00:21	02:42	13:32	00:21	
BX	1469	306456	6581051	40.6	40.3	02:38	13:05	00:20	02:38	13:05	00:20	
BY	1496	306432	6581132	40.7	40.4	02:38	13:06	00:20	02:38	13:06	00:20	
BZ	729	305114	6578156	42.3	40.8	01:50	09:15	00:24	01:50	09:15	00:24	
CA	782	305173	6578252	41.3	40.3	01:36	08:12	00:22	01:36	08:12	00:22	
CB	1364	303549	6576179	41.1	39.4	00:00	00:00	00:00	00:00	00:00	00:00	
CC	582	304314	6576932	46.7	44.3	00:00	00:00	00:00	00:00	00:00	00:00	
CD	533	304518	6577201	45.2	42.6	00:00	00:00	00:00	00:00	00:00	00:00	
CE	1494	303184	6576228	38.5	36.7	00:00	00:00	00:00	00:00	00:00	00:00	
CF	1281	303469	6576305	41.4	39.5	00:00	00:00	00:00	00:00	00:00	00:00	
CG	1464	303169	6576276	39.9	38.3	00:00	00:00	00:00	00:00	00:00	00:00	
CH	1281	303577	6576257	41.2	39.2	00:00	00:00	00:00	00:00	00:00	00:00	
CI	1129	303059	6576901	44.5	42.8	00:00	00:00	00:00	00:00	00:00	00:00	
CJ	940	306234	6580201	26.2	25.6	00:00	00:00	00:00	00:00	00:00	00:00	
CK	684	304468	6576910	46.2	44.1	00:00	00:00	00:00	00:00	00:00	00:00	
CL	775	304155	6576682	43.2	41.0	00:00	00:00	00:00	00:00	00:00	00:00	
CM	779	304362	6576737	43.3	41.5	00:00	00:00	00:00	00:00	00:00	00:00	
CN	626	305824	6579068	43.0	42.9	00:00	00:00	00:00	00:00	00:00	00:00	
CO	1415	303305	6576243	39.6	37.7	00:00	00:00	00:00	00:00	00:00	00:00	
CP	1476	303105	6576312	40.1	38.5	00:00	00:00	00:00	00:00	00:00	00:00	
CQ	1470	303373	6576142	38.8	37.2	00:00	00:00	00:00	00:00	00:00	00:00	
CR	1000	306292	6580217	36.2	35.0	00:00	00:00	00:00	00:00	00:00	00:00	
CS	1474	302569	6577243	40.6	39.2	05:08	23:55	00:22	03:27	16:16	00:22	
CT	1515	306407	6581196	40.3	39.8							
CU	1670	302633	6581808	38.0	37.9							
CV	1906	302070	6577445	39.7	38.6							
CW	1546	302651	6576781	40.3	38.8							
CX	1959	302508	6582069	37.6	37.5							
CY	1761	302257	6578238	39.9	39.1							
CZ	1921	302719	6576059	37.5	36.3							
DA	1674	302285	6577919	39.6	38.7							
DB	1998	301976	6578061	38.1	37.4							
DC	1962	301996	6577931	39.4	38.6							
DD	1971	302001	6578045	37.6	36.7							
DE	1684	302871	6576242	37.8	36.5							
DF	1583	302944	6576312	38.7	37.3							
DG	1963	301990	6577859	39.8	39.1							
DH	1869	302798	6576057	38.2	36.9							
DI	1604	303122	6576138	38.6	37.0							
DJ	1954	306537	6581697	36.1	35.6							
DK	1893	306420	6581716	33.6	33.2							
DL	1723	302846	6576212	38.2	36.4							
DM	1744	303109	6575978	37.3	35.6							
DN	1669	303576	6575847	39.7	37.9							
DO	1745	303178	6582088	38.0	37.9							
DP	1596	303431	6575976	38.4	36.5							
DQ	1557	302972	6576322	38.2	36.6							

Avstand fra nærmeste turbin > 1500 m

DR	1896	302057	6577852	39.4	38.7						
DS	1876	302252	6578552	39.3	38.7						
DT	1619	302930	6576276	38.6	37.2						
DU	1562	306362	6581320	41.7	41.3						
DV	1969	306368	6581852	23.9	23.8						
DW	1959	302036	6577342	38.5	37.5						
DX	1911	303297	6575691	36.9	35.2						
DY	1832	306749	6581266	39.3	39.0						
DZ	1816	302257	6577102	40.1	38.9						
EA	1987	301964	6577761	40.2	39.2						
EB	1700	303297	6575922	37.6	35.7						
EC	1606	306536	6581176	41.2	40.9						
ED	1970	303234	6582324	38.5	38.3						
EE	1662	303344	6575942	38.2	36.4						
EF	1798	303329	6575800	39.3	37.5						
EG	1985	301978	6577979	38.3	37.6						
EH	1801	303273	6582158	36.6	36.3						
EI	1906	303254	6582262	38.8	38.6						
EJ	1897	302754	6582121	38.4	38.2						
EK	1936	303611	6582301	39.5	39.3						
AX2	1360	306502	6580719	40.1	39.7	05:18	26:03:00	00:31	05:02	24:47:00	00:31
AD2	982	306022	6580822	44.8	44.5	08:46	42:22:00	00:38	07:42	36:44:00	00:30
AD3	996	306032	6580833	44.7	44.3	08:36	41:37:00	00:37	07:33	36:05:00	00:29
AD4	1010	306045	6580838	44.3	44.0	08:28	40:57:00	00:37	07:25	35:29:00	00:29
AD5	1024	306057	6580846	43.8	43.4	08:15	39:57:00	00:36	07:15	34:41:00	00:29
AD6	1040	306071	6580853	43.7	43.3	08:02	38:55:00	00:36	06:59	33:28:00	00:30
AD7	1055	306085	6580860	43.9	43.4	07:53	38:10:00	00:36	06:48	32:34:00	00:30

\* Minnelig avtale er inngått

 Beregnet verdi over grenseverdi

 Bygg hvor avstand overstiger 1500 m fra nærmeste turbin (ikke inkludert i skyggekastberegningene).