

Appendix A: Noise Impact Assessment

Burchill Wind Project
Preliminary Noise Assessment
February 2020



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1. Introduction

Natural Forces has undertaken a noise impact assessment for the proposed 10 turbine Burchill Wind Project site to assess the impact of the sound emissions on the dwellings, seasonal homes, and local businesses surrounding the project. A map of the project area with the proposed wind turbine generator (WTG) layout is included in Appendix A.

The noise assessment was conducted using the ISO 9613-2: Acoustics – Attenuation of sound during propagation outdoors – Part 2: General method of calculation model within the Decibel module of the software package, windPRO version 3.1.

1.1. Noise guidelines

New Brunswick has set recommended sound criteria for wind turbines in the *Additional Information Requirements for Wind Turbines* document created to outline additional requirements to the *Environmental Impact Assessment Regulation*. The recommendations are outlined in Table 1. These sound criteria have been used for this assessment.

Table 1: Recommended Sound Criteria for Wind Turbines (*Additional Information Requirements for Wind Turbines*).

Wind Speed (m/s)	4	5	6	7	8	9	10	11
Wind Turbine Noise Criteria [dB(A)]	40	40	40	43	45	49	51	53

1.2. Receptors

There are 510 receptors located within 3.5 km of the turbine locations that consist of year-long dwellings, seasonal dwellings, and local businesses. They have been identified based on online geographical data from the Data Catalogue available on the Service New Brunswick website and cross referenced with aerial photography, as well as site visits. The geographical coordinates of these receptors are included in Appendix B. A map of the project area with the receptors is included in Appendix A.

1.3. Turbine Model

The turbine model used for the assessment is the Enercon E-141 EP4, a 4.2 MW machine. This turbine model has a hub height of 135 m and a rotor diameter of 141 m. The geographical coordinates of the 10 proposed turbines are included in Appendix B. There are no existing or proposed wind farms within 10 kilometers of the project; therefore, it is unlikely any cumulative WTG noise effects will occur external to the project.

Should the turbine model change, a new noise assessment will be conducted.

2. Noise Impact Assessment Methodology

The sound pressure level was calculated at each point of reception using the Decibel module of WindPRO v.3.1, which uses the ISO 9613-2 model “Attenuation of sound during propagation outdoors, Part 2: A general method of calculation”. The calculations were performed using the Enercon E-141 EP4, 4.2 MW wind turbine generators with a hub height of 135 m.

2.1. Worst Case Noise Assessment

The worst case noise assessment followed a conservative methodology in calculating noise levels by assuming downwind propagation is occurring simultaneously in all directions of the wind turbine. In reality, noise propagation in an upwind direction would result in a significant reduction of noise levels at any receptor located upwind from the turbine. This means that the resulting sound levels from the assessment are likely calculated as higher than they would be experienced.

As another conservative measure, no attenuation was considered from topographical shielding for objects (such as barns, trees, buildings, etc.) located between the turbines and receptors. A global ground attenuation of 0 was input, which represents a ground area that is covered in glass, to produce the worst-case scenario for noise impacts.

No correction for special audible characteristics, such as clearly audible tones, impulses, or modulation of sound levels, was made as part of this assessment. These are not common characteristics of modern WTGs in a well-designed wind farm. It is common that WTG manufacturers guarantee the absence of tonal noise produced by the WTG. Furthermore, impulses and modulation of sound levels from the wind farm under normal conditions would not be of a level to necessitate the application of any penalty.

2.2. Realistic Case Noise Assessment

The realistic case noise assessment largely follows the same methodology as the worst case assessment but includes modeling of the local ground cover. Within the ISO 9613-2 General model, the Ground Attenuation parameter was changed to Alternative. This option is described as using “the orographic shape of the terrain to assess the ground attenuation by calculating the average vertical distance line-of-sight between receptor and hub of the turbine and the terrain between the two points.” In this way, a valley between the two points will cause a low attenuation whereas a hill will cause a high attenuation.

3. Results of Noise Impact Assessment

The results of the worst case noise prediction model for the receptors that are predicted to receive the highest sound levels are summarized in Table 2. The full results from windPRO are included in Appendix B. Table 2 demonstrates that there are two receptors that experience a maximum sound level of over 40 dB(A) from the proposed wind farm in the worst case scenario model. These two receptors are local businesses within the Spruce Lake Industrial Park. When the realistic case noise assessment was conducted, only one receptor exceeded the guidelines.

The worst case sound levels at all the remaining 508 receptors are in compliance with the *Additional Information Requirements for Wind Turbines* document created to outline additional requirements to the *Environmental Impact Assessment Regulation* specifically for wind turbines. Table 2 shows the maximum modeled sound levels that are predicted to be experienced at each receptor for any wind speed from 4.0 m/s to 12.0 m/s.

More detailed results for the two receptors that exceed the worst case sound levels receptors (receptors E and F) are included in Table 3. Under the worst case assessment scenario, these results demonstrate that the requirements are only slightly exceeded at a wind speed of 5.0 m/s for receptor E. Again in the

worst case assessment scenario, the requirements at receptor F are only slightly exceeded at wind speeds of 5.0, 6.0, and 7.0 m/s. Under the realistic case noise assessment, the exceedance is reduced to wind speeds of 5.0 and 6.0 m/s for receptor F. The highest worst case scenario exceedance of the requirements is experienced by receptor F, which amounts to 3.1 dB(A) over the requirement at 6.0 m/s wind speeds.

Table 2: Wind turbine noise impact assessment summary of the 22 receptors predicted to receive the highest impact for any wind speed modelled between and including 4 to 12 m/s.

Receptor ID	Worst Case Max Sound Level from WTG [dB(A)]	Realistic Case Max Sound Level from WTG [dB(A)]	Compliance with New Brunswick's Requirements (under worst case assessment)	Compliance with New Brunswick's Requirements (under realistic case assessment)
F	44.6	42.7	No	No
E	42.2	39.7	No	Yes
D	38.1	36.8	Yes	Yes
NL	37.3	33.4	Yes	Yes
NK	37.2	33.2	Yes	Yes
IE	37.0	33.1	Yes	Yes
IF	37.0	33.1	Yes	Yes
NV	36.5	32.5	Yes	Yes
IG	36.4	32.4	Yes	Yes
NT	36.2	32.2	Yes	Yes
C	36.1	34.1	Yes	Yes
B	36.0	34.0	Yes	Yes
GH	35.9	31.9	Yes	Yes
BY	35.8	31.8	Yes	Yes
BZ	35.6	31.6	Yes	Yes
CA	35.6	31.6	Yes	Yes
CZ	35.5	31.5	Yes	Yes
DR	35.5	31.4	Yes	Yes
IJ	35.2	31.2	Yes	Yes
IH	35.1	31.1	Yes	Yes
IK	35.1	31.0	Yes	Yes
II	35.0	30.9	Yes	Yes

Table 3: Detailed results for the receptors E and F. Values exceeding the requirements are shown in red.

Receptor	Wind Speed [m/s]	New Brunswick's Sound Level Requirement [dB(A)]	Worst Case Maximum Sound Level [dB(A)]	Realistic Case Maximum Sound Level [dB(A)]
E	4.0	40.0	35.0	33.4
	5.0	40.0	39.6	37.9
	6.0	40.0	41.1	39.4

	7.0	43.0	41.4	39.7
	8.0	45.0	41.4	39.7
	9.0	49.0	41.4	39.7
	10.0	51.0	41.4	39.7
	11.0	53.0	41.4	39.7
F	4.0	40.0	37.1	36.4
	5.0	40.0	41.7	40.9
	6.0	40.0	43.1	42.4
	7.0	43.0	43.4	42.7
	8.0	45.0	43.4	42.7
	9.0	49.0	43.4	42.7
	10.0	51.0	43.4	42.7
	11.0	53.0	43.4	42.7

4. Discussion

The receptors exceeding the requirements under worst case conditions are two buildings in the Spruce Lake Industrial Park. These buildings are owned by Simpson Truck & Tractor Parts (receptor E), a heavy equipment parts supplier and steel distributor, and GFL Environmental (receptor F), a waste management company. The GFL Environmental building is a warehouse-style building. The Simpson Truck & Tractor Parts building is an office/warehouse style building. Photos of these buildings are included in Figure 1 and Figure 2. Both of these businesses will be engaged to assess how these buildings are used, any sound level concerns, and mitigation strategies, if necessary.

In addition to other industrial land uses nearby and heavy equipment traffic in the area, there is an asphalt plant and operating pit adjacent to these buildings. Because of the industrial nature of the area, the sound levels are naturally quite high, which is predicted to result in the noise levels from the WTGs to be negligible.



Figure 1: The Simpson Truck and Tractor Parts building (receptor E).



Figure 2: The GFL Environmental building (receptor F).

5. Conclusions and Recommendations

Natural Forces has completed worst case and realistic noise assessments to evaluate the noise impact of the proposed Burchill Wind Project on the identified receptors located within 3.5 km of the proposed WTG locations.

Based on the parameters used to run the windPRO noise prediction model, it has been shown that in the worst case scenario the predicted sound pressure levels emitted by the proposed WTG model in the 10-turbine layout are less than 40 dB(A) at the majority of the nearby receptors, including all of the residential dwellings. There are two industrial buildings that experience maximum sound pressure levels above 40 dB(A) in the worst case scenario. In the more realistic scenario, only one of the industrial buildings is modeled to experience sound pressure levels above 40 dB(A).

Given the industrial nature of these two buildings and the surrounding land uses, it is not expected that sound levels from the WTGs will be of concern. Regardless, these two businesses will be engaged to assess impact.

Aside from these two industrial buildings, this assessment demonstrates compliance with the *Additional Information Requirements for Wind Turbines* document created to support the *New Brunswick Environmental Impact Assessment Regulation*, most notably for all residential buildings in the area.

References

New Brunswick Ministry of Environment and Local Government. *Environmental Impact Assessment Regulation – Clean Environment Act*. New Brunswick.

New Brunswick Ministry of Environment and Local Government. *Additional Information Requirements For Wind Turbines– Clean Environment Act*. New Brunswick.

Enercon GmbH ed. (2017). *Data Sheet – Enercon Wind Energy Converter E-138 EP3*. Germany.

International Organization for Standardization (1996). *ISO 9613-2: Acoustics – Attenuation of sound during propagation outdoors – Part 2: General method of calculation*. WindPRO.

Ontario Ministry of the Environment (2008). *Noise guidelines for wind farms*.

APPENDIX A:

Site Layout Map with Sound Levels

Burchill Wind Project Noise Level Assessment

Legend

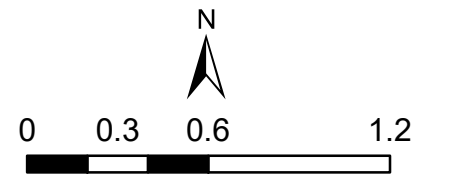
- Proposed Turbine Locations
- Residences
- Industrial Buildings

Worst Case Noise Levels at 10 m/s Wind Speed:

- 20 dB(A)
- 30 dB(A)
- 35 dB(A)
- 40 dB(A)
- 45 dB(A)
- 50 dB(A)

Realistic Case Noise Levels at 10 m/s Wind Speed:

- 20 dB(A)
- 30 dB(A)
- 35 dB(A)
- 40 dB(A)
- 45 dB(A)
- 50 dB(A)



Kilometers
1:25,000

Coordinate System: UTM Zone 19, Northern Hemisphere

Date: February 4, 2020

natural forces

APPENDIX B:

WindPRO v3.1, Decibel Module Calculation Results:
Worst Case

DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

Noise calculation model:

ISO 9613-2 General

Wind speed:

4.0 m/s - 12.0 m/s, step 1.0 m/s

Ground attenuation:

None

Meteorological coefficient, CO:

0.0 dB

Type of demand in calculation:

1: WTG noise is compared to demand (DK, DE, SE, NL etc.)

Noise values in calculation:

All noise values are mean values (Lwa) (Normal)

Pure tones:

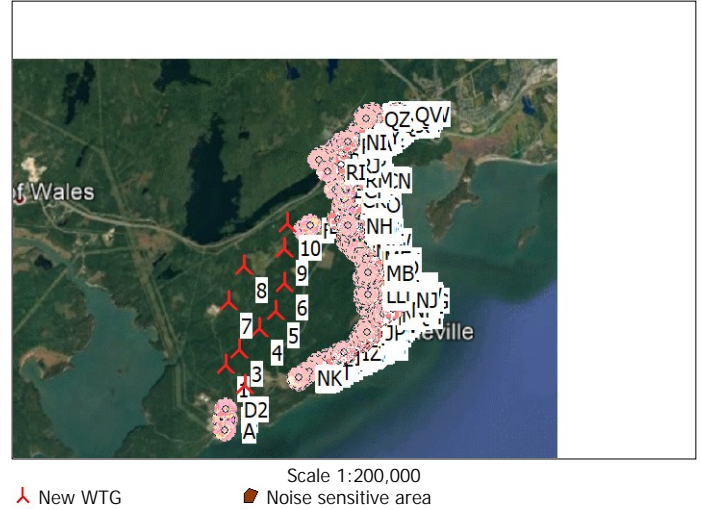
Fixed penalty added to source noise of WTGs with pure tones: 0.0 dB(A)

Height above ground level, when no value in NSA object:

4.5 m Don't allow override of model height with height from NSA object

Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:

0.0 dB(A)



WTGs

Easting	Northing	Z	Row data/Description	WTG type			Power, rated	Rotor diameter	Hub height	Noise data		First wind speed [m/s]	LwaRef [dB(A)]	Last wind speed [m/s]	LwaRef [dB(A)]	Pure tones
				Valid	Manufact.	Type-generator				Creator	Name					
1	719,709	5,005,535	64.0 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
2	720,289	5,005,088	53.0 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
3	720,016	5,005,984	77.3 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
4	720,470	5,006,608	68.4 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
5	720,839	5,007,111	61.6 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
6	720,981	5,007,866	52.0 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
7	719,557	5,007,215	54.0 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
8	719,859	5,008,188	58.0 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
9	720,873	5,008,786	62.9 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
10	720,849	5,009,426	65.8 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h

h) Generic octave distribution used

Calculation Results

Sound level

Noise sensitive area

No.	Name	Easting	Northing	Z	Imission height	Demands		Sound level	Distance to noise demand	Demands fulfilled ?
						Min Noise	Max From WTGs			
				[m]	[m]	[dB(A)]	[dB(A)]	[m]	Noise	
A	Noise sensitive point: User defined (1)	719,904	5,003,839	14.0	4.5	40.0	35.0	616	Yes	
B	Noise sensitive point: User defined (2)	719,848	5,004,109	26.4	4.5	40.0	36.8	372	Yes	
C	Noise sensitive point: User defined (3)	719,918	5,004,111	22.0	4.5	40.0	37.0	350	Yes	
D	Noise sensitive point: User defined (4)	719,846	5,004,387	30.9	4.5	40.0	39.2	112	Yes	
E	Noise sensitive point: User defined (5)	721,483	5,009,479	49.8	4.5	40.0	41.4	-93	No	
F	Noise sensitive point: User defined (6)	721,351	5,009,324	56.9	4.5	40.0	43.4	-264	No	
G	Noise sensitive point: User defined (7)	723,705	5,007,599	21.8	4.5	40.0	30.1	1,927	Yes	
H	Noise sensitive point: User defined (8)	723,715	5,007,566	23.5	4.5	40.0	30.0	1,940	Yes	
I	Noise sensitive point: User defined (9)	723,724	5,007,532	25.5	4.5	40.0	30.0	1,950	Yes	
J	Noise sensitive point: User defined (10)	723,731	5,007,502	26.8	4.5	40.0	30.0	1,959	Yes	
K	Noise sensitive point: User defined (11)	723,708	5,007,057	58.0	4.5	40.0	29.9	1,989	Yes	
L	Noise sensitive point: User defined (12)	722,428	5,012,058	54.0	4.5	40.0	26.3	2,413	Yes	
M	Noise sensitive point: User defined (13)	723,650	5,007,287	35.5	4.5	40.0	30.2	1,901	Yes	
N	Noise sensitive point: User defined (14)	722,830	5,010,790	32.7	4.5	40.0	29.2	1,729	Yes	
O	Noise sensitive point: User defined (15)	723,905	5,007,805	23.1	4.5	40.0	29.3	2,122	Yes	
P	Noise sensitive point: User defined (16)	722,575	5,009,383	27.3	4.5	40.0	33.7	941	Yes	
Q	Noise sensitive point: User defined (17)	722,462	5,011,996	52.3	4.5	40.0	26.4	2,379	Yes	
R	Noise sensitive point: User defined (18)	722,479	5,012,010	51.9	4.5	40.0	26.3	2,400	Yes	
S	Noise sensitive point: User defined (19)	722,492	5,012,024	51.6	4.5	40.0	26.3	2,418	Yes	
T	Noise sensitive point: User defined (20)	722,505	5,012,036	51.1	4.5	40.0	26.2	2,435	Yes	
U	Noise sensitive point: User defined (21)	722,519	5,012,047	50.9	4.5	40.0	26.2	2,452	Yes	
V	Noise sensitive point: User defined (22)	722,535	5,012,061	50.8	4.5	40.0	26.1	2,473	Yes	
W	Noise sensitive point: User defined (23)	722,551	5,012,071	50.7	4.5	40.0	26.0	2,490	Yes	

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

Noise sensitive area					Demands			Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Min Noise	Max From WTGs	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]			
	X Noise sensitive point: User defined (24)	722,573	5,012,090	50.8	4.5	40.0	26.0	2,518	40.0	26.0	Yes
	Y Noise sensitive point: User defined (25)	722,570	5,012,118	52.3	4.5	40.0	25.9	2,539	40.0	25.9	Yes
	Z Noise sensitive point: User defined (26)	722,564	5,012,135	53.2	4.5	40.0	25.8	2,551	40.0	25.8	Yes
	AA Noise sensitive point: User defined (27)	722,556	5,012,157	54.0	4.5	40.0	25.8	2,565	40.0	25.8	Yes
	AB Noise sensitive point: User defined (28)	722,565	5,012,177	53.9	4.5	40.0	25.7	2,587	40.0	25.7	Yes
	AC Noise sensitive point: User defined (29)	722,574	5,012,160	53.3	4.5	40.0	25.8	2,577	40.0	25.8	Yes
	AD Noise sensitive point: User defined (30)	722,581	5,012,144	52.8	4.5	40.0	25.8	2,567	40.0	25.8	Yes
	AE Noise sensitive point: User defined (31)	722,587	5,012,128	52.1	4.5	40.0	25.8	2,557	40.0	25.8	Yes
	AF Noise sensitive point: User defined (32)	722,594	5,012,112	51.0	4.5	40.0	25.9	2,547	40.0	25.9	Yes
	AG Noise sensitive point: User defined (33)	722,599	5,012,089	49.7	4.5	40.0	25.9	2,531	40.0	25.9	Yes
	AH Noise sensitive point: User defined (34)	722,595	5,012,080	49.5	4.5	40.0	26.0	2,520	40.0	26.0	Yes
	AI Noise sensitive point: User defined (35)	722,579	5,012,065	50.0	4.5	40.0	26.0	2,500	40.0	26.0	Yes
	AJ Noise sensitive point: User defined (36)	722,567	5,012,054	50.0	4.5	40.0	26.1	2,484	40.0	26.1	Yes
	AK Noise sensitive point: User defined (37)	722,550	5,012,040	50.0	4.5	40.0	26.1	2,463	40.0	26.1	Yes
	AL Noise sensitive point: User defined (38)	722,535	5,012,027	50.0	4.5	40.0	26.2	2,444	40.0	26.2	Yes
	AM Noise sensitive point: User defined (39)	722,520	5,012,015	50.4	4.5	40.0	26.3	2,426	40.0	26.3	Yes
	AN Noise sensitive point: User defined (40)	722,505	5,012,004	51.1	4.5	40.0	26.3	2,408	40.0	26.3	Yes
	AO Noise sensitive point: User defined (41)	722,492	5,011,992	51.4	4.5	40.0	26.4	2,391	40.0	26.4	Yes
	AP Noise sensitive point: User defined (42)	722,486	5,011,987	51.6	4.5	40.0	26.4	2,384	40.0	26.4	Yes
	AQ Noise sensitive point: User defined (43)	722,471	5,011,974	51.9	4.5	40.0	26.5	2,364	40.0	26.5	Yes
	AR Noise sensitive point: User defined (44)	722,454	5,011,968	52.3	4.5	40.0	26.5	2,351	40.0	26.5	Yes
	AS Noise sensitive point: User defined (45)	722,443	5,011,968	52.8	4.5	40.0	26.5	2,345	40.0	26.5	Yes
	AT Noise sensitive point: User defined (46)	722,567	5,012,127	52.8	4.5	40.0	25.9	2,546	40.0	25.9	Yes
	AU Noise sensitive point: User defined (47)	722,561	5,012,146	53.6	4.5	40.0	25.8	2,558	40.0	25.8	Yes
	AV Noise sensitive point: User defined (48)	722,550	5,012,164	54.2	4.5	40.0	25.8	2,568	40.0	25.8	Yes
	AW Noise sensitive point: User defined (49)	722,569	5,012,169	53.6	4.5	40.0	25.7	2,582	40.0	25.7	Yes
	AX Noise sensitive point: User defined (50)	722,577	5,012,153	53.1	4.5	40.0	25.8	2,573	40.0	25.8	Yes
	AY Noise sensitive point: User defined (51)	722,584	5,012,135	52.5	4.5	40.0	25.8	2,561	40.0	25.8	Yes
	AZ Noise sensitive point: User defined (52)	722,591	5,012,119	51.5	4.5	40.0	25.8	2,552	40.0	25.8	Yes
	BA Noise sensitive point: User defined (53)	722,494	5,009,513	25.4	4.5	40.0	33.9	889	40.0	33.9	Yes
	BB Noise sensitive point: User defined (54)	723,318	5,008,114	16.7	4.5	40.0	31.5	1,546	40.0	31.5	Yes
	BC Noise sensitive point: User defined (55)	722,207	5,010,623	35.4	4.5	40.0	31.7	1,144	40.0	31.7	Yes
	BD Noise sensitive point: User defined (56)	722,206	5,011,151	42.9	4.5	40.0	29.7	1,535	40.0	29.7	Yes
	BE Noise sensitive point: User defined (57)	722,505	5,012,173	55.5	4.5	40.0	25.8	2,552	40.0	25.8	Yes
	BF Noise sensitive point: User defined (58)	722,575	5,012,101	51.3	4.5	40.0	25.9	2,528	40.0	25.9	Yes
	BG Noise sensitive point: User defined (59)	722,563	5,012,078	50.6	4.5	40.0	26.0	2,502	40.0	26.0	Yes
	BH Noise sensitive point: User defined (60)	722,177	5,010,473	33.5	4.5	40.0	32.4	1,022	40.0	32.4	Yes
	BI Noise sensitive point: User defined (61)	722,543	5,012,065	50.7	4.5	40.0	26.1	2,481	40.0	26.1	Yes
	BJ Noise sensitive point: User defined (62)	722,189	5,010,508	33.9	4.5	40.0	32.2	1,054	40.0	32.2	Yes
	BK Noise sensitive point: User defined (63)	722,118	5,010,514	36.5	4.5	40.0	32.4	1,004	40.0	32.4	Yes
	BL Noise sensitive point: User defined (64)	722,583	5,009,338	26.1	4.5	40.0	33.8	941	40.0	33.8	Yes
	BM Noise sensitive point: User defined (65)	723,278	5,008,693	13.8	4.5	40.0	31.4	1,570	40.0	31.4	Yes
	BN Noise sensitive point: User defined (66)	722,126	5,010,473	35.3	4.5	40.0	32.6	983	40.0	32.6	Yes
	BO Noise sensitive point: User defined (67)	722,306	5,010,883	38.7	4.5	40.0	30.4	1,397	40.0	30.4	Yes
	BP Noise sensitive point: User defined (68)	722,159	5,011,181	45.6	4.5	40.0	29.7	1,531	40.0	29.7	Yes
	BQ Noise sensitive point: User defined (69)	722,450	5,012,119	56.0	4.5	40.0	26.1	2,477	40.0	26.1	Yes
	BR Noise sensitive point: User defined (70)	722,021	5,010,483	40.2	4.5	40.0	32.9	913	40.0	32.9	Yes
	BS Noise sensitive point: User defined (71)	723,606	5,007,472	26.1	4.5	40.0	30.4	1,837	40.0	30.4	Yes
	BT Noise sensitive point: User defined (72)	722,588	5,012,073	49.5	4.5	40.0	26.0	2,511	40.0	26.0	Yes
	BU Noise sensitive point: User defined (73)	723,355	5,006,965	42.2	4.5	40.0	31.2	1,656	40.0	31.2	Yes
	BV Noise sensitive point: User defined (74)	722,047	5,010,520	39.9	4.5	40.0	32.7	958	40.0	32.7	Yes
	BW Noise sensitive point: User defined (75)	722,283	5,010,734	35.4	4.5	40.0	31.0	1,276	40.0	31.0	Yes
	BX Noise sensitive point: User defined (76)	722,942	5,006,315	42.1	4.5	40.0	32.3	1,411	40.0	32.3	Yes
	BY Noise sensitive point: User defined (77)	722,090	5,005,804	51.9	4.5	40.0	35.2	858	40.0	35.2	Yes
	BZ Noise sensitive point: User defined (78)	722,134	5,005,833	50.2	4.5	40.0	35.0	883	40.0	35.0	Yes
	CA Noise sensitive point: User defined (79)	722,171	5,005,912	47.5	4.5	40.0	35.0	877	40.0	35.0	Yes
	CB Noise sensitive point: User defined (80)	723,845	5,008,008	12.9	4.5	40.0	29.5	2,066	40.0	29.5	Yes
	CC Noise sensitive point: User defined (81)	723,342	5,008,144	16.2	4.5	40.0	31.4	1,572	40.0	31.4	Yes
	CD Noise sensitive point: User defined (82)	722,783	5,012,327	52.0	4.5	40.0	25.0	2,830	40.0	25.0	Yes
	CE Noise sensitive point: User defined (83)	723,645	5,007,345	32.2	4.5	40.0	30.2	1,889	40.0	30.2	Yes
	CF Noise sensitive point: User defined (84)	723,194	5,012,381	46.9	4.5	40.0	24.2	3,112	40.0	24.2	Yes
	CG Noise sensitive point: User defined (85)	722,570	5,012,502	47.4	4.5	40.0	24.8	2,869	40.0	24.8	Yes
	CH Noise sensitive point: User defined (86)	724,085	5,007,420	21.9	4.5	40.0	28.7	2,319	40.0	28.7	Yes
	CI Noise sensitive point: User defined (87)	722,723	5,009,359	16.1	4.5	40.0	33.0	1,083	40.0	33.0	Yes

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DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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Noise sensitive area					Demands		Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]		
CJ	Noise sensitive point: User defined (88)	722,695	5,009,277	18.1	4.5	40.0	33.3	1,041	Yes	
CK	Noise sensitive point: User defined (89)	722,279	5,010,247	28.2	4.5	40.0	32.8	970	Yes	
CL	Noise sensitive point: User defined (90)	723,291	5,008,372	14.3	4.5	40.0	31.5	1,548	Yes	
CM	Noise sensitive point: User defined (91)	723,047	5,008,694	18.9	4.5	40.0	32.4	1,340	Yes	
CN	Noise sensitive point: User defined (92)	722,828	5,010,849	32.1	4.5	40.0	29.0	1,763	Yes	
CO	Noise sensitive point: User defined (93)	723,403	5,012,633	46.7	4.5	40.0	23.3	3,439	Yes	
CP	Noise sensitive point: User defined (94)	722,300	5,010,516	31.7	4.5	40.0	31.8	1,143	Yes	
CQ	Noise sensitive point: User defined (95)	722,785	5,012,282	52.0	4.5	40.0	25.1	2,793	Yes	
CR	Noise sensitive point: User defined (96)	722,415	5,005,967	46.0	4.5	40.0	34.0	1,067	Yes	
CS	Noise sensitive point: User defined (97)	722,747	5,012,558	52.0	4.5	40.0	24.4	3,006	Yes	
CT	Noise sensitive point: User defined (98)	722,381	5,005,957	46.3	4.5	40.0	34.2	1,041	Yes	
CU	Noise sensitive point: User defined (99)	723,185	5,007,880	21.1	4.5	40.0	32.1	1,401	Yes	
CV	Noise sensitive point: User defined (100)	722,542	5,006,060	43.1	4.5	40.0	33.6	1,139	Yes	
CW	Noise sensitive point: User defined (101)	723,123	5,008,422	22.4	4.5	40.0	32.2	1,389	Yes	
CX	Noise sensitive point: User defined (102)	723,110	5,008,482	23.4	4.5	40.0	32.2	1,384	Yes	
CY	Noise sensitive point: User defined (103)	723,206	5,008,079	19.5	4.5	40.0	32.0	1,431	Yes	
CZ	Noise sensitive point: User defined (104)	722,189	5,009,721	28.9	4.5	40.0	35.0	654	Yes	
DA	Noise sensitive point: User defined (105)	722,015	5,011,242	51.6	4.5	40.0	29.8	1,503	Yes	
DB	Noise sensitive point: User defined (106)	722,203	5,010,951	41.1	4.5	40.0	30.4	1,378	Yes	
DC	Noise sensitive point: User defined (107)	722,438	5,011,850	47.9	4.5	40.0	26.9	2,242	Yes	
DD	Noise sensitive point: User defined (108)	722,597	5,012,103	50.4	4.5	40.0	25.9	2,542	Yes	
DE	Noise sensitive point: User defined (109)	723,107	5,008,636	19.7	4.5	40.0	32.1	1,397	Yes	
DF	Noise sensitive point: User defined (110)	722,884	5,008,878	6.2	4.5	40.0	32.9	1,187	Yes	
DG	Noise sensitive point: User defined (111)	724,203	5,007,832	11.5	4.5	40.0	28.3	2,419	Yes	
DH	Noise sensitive point: User defined (112)	722,301	5,010,464	30.7	4.5	40.0	31.9	1,111	Yes	
DI	Noise sensitive point: User defined (113)	723,519	5,007,254	33.6	4.5	40.0	30.7	1,775	Yes	
DJ	Noise sensitive point: User defined (114)	724,154	5,007,894	11.0	4.5	40.0	28.5	2,370	Yes	
DK	Noise sensitive point: User defined (115)	723,410	5,007,018	42.7	4.5	40.0	31.0	1,702	Yes	
DL	Noise sensitive point: User defined (116)	724,002	5,007,938	16.7	4.5	40.0	29.0	2,219	Yes	
DM	Noise sensitive point: User defined (117)	722,301	5,010,581	32.7	4.5	40.0	31.5	1,186	Yes	
DN	Noise sensitive point: User defined (118)	722,743	5,009,483	13.7	4.5	40.0	32.7	1,125	Yes	
DO	Noise sensitive point: User defined (119)	722,575	5,010,167	30.0	4.5	40.0	31.8	1,186	Yes	
DP	Noise sensitive point: User defined (120)	722,529	5,009,148	30.6	4.5	40.0	34.3	859	Yes	
DQ	Noise sensitive point: User defined (121)	723,228	5,007,713	9.1	4.5	40.0	32.0	1,445	Yes	
DR	Noise sensitive point: User defined (122)	722,153	5,005,809	49.9	4.5	40.0	34.9	911	Yes	
DS	Noise sensitive point: User defined (123)	723,103	5,012,382	48.5	4.5	40.0	24.4	3,057	Yes	
DT	Noise sensitive point: User defined (124)	723,139	5,012,416	48.5	4.5	40.0	24.2	3,106	Yes	
DU	Noise sensitive point: User defined (125)	722,271	5,010,220	27.9	4.5	40.0	32.9	949	Yes	
DV	Noise sensitive point: User defined (126)	722,270	5,010,077	26.3	4.5	40.0	33.4	872	Yes	
DW	Noise sensitive point: User defined (127)	722,387	5,010,086	26.8	4.5	40.0	32.9	981	Yes	
DX	Noise sensitive point: User defined (128)	722,473	5,010,119	28.0	4.5	40.0	32.4	1,073	Yes	
DY	Noise sensitive point: User defined (129)	722,713	5,012,567	50.0	4.5	40.0	24.5	2,996	Yes	
DZ	Noise sensitive point: User defined (130)	722,723	5,012,591	49.8	4.5	40.0	24.4	3,022	Yes	
EA	Noise sensitive point: User defined (131)	722,721	5,012,509	52.0	4.5	40.0	24.6	2,951	Yes	
EB	Noise sensitive point: User defined (132)	722,252	5,009,832	25.6	4.5	40.0	34.3	750	Yes	
EC	Noise sensitive point: User defined (133)	723,467	5,007,373	26.0	4.5	40.0	30.9	1,709	Yes	
ED	Noise sensitive point: User defined (134)	722,235	5,011,805	53.8	4.5	40.0	27.4	2,097	Yes	
EE	Noise sensitive point: User defined (135)	721,580	5,011,258	60.0	4.5	40.0	30.5	1,320	Yes	
EF	Noise sensitive point: User defined (136)	721,544	5,011,295	60.4	4.5	40.0	30.4	1,341	Yes	
EG	Noise sensitive point: User defined (137)	723,728	5,007,393	30.5	4.5	40.0	30.0	1,966	Yes	
EH	Noise sensitive point: User defined (138)	723,264	5,006,883	38.7	4.5	40.0	31.5	1,580	Yes	
EI	Noise sensitive point: User defined (139)	723,250	5,006,850	39.0	4.5	40.0	31.5	1,572	Yes	
EJ	Noise sensitive point: User defined (140)	723,229	5,006,798	39.4	4.5	40.0	31.6	1,560	Yes	
EK	Noise sensitive point: User defined (141)	724,027	5,007,819	22.5	4.5	40.0	28.9	2,243	Yes	
EL	Noise sensitive point: User defined (142)	724,030	5,007,797	23.2	4.5	40.0	28.9	2,247	Yes	
EM	Noise sensitive point: User defined (143)	723,503	5,007,212	35.1	4.5	40.0	30.7	1,765	Yes	
EN	Noise sensitive point: User defined (144)	722,354	5,010,109	26.8	4.5	40.0	33.0	962	Yes	
EO	Noise sensitive point: User defined (145)	722,664	5,006,163	42.0	4.5	40.0	33.3	1,206	Yes	
EP	Noise sensitive point: User defined (146)	722,691	5,006,186	42.0	4.5	40.0	33.2	1,223	Yes	
EQ	Noise sensitive point: User defined (147)	723,189	5,007,815	17.8	4.5	40.0	32.1	1,406	Yes	
ER	Noise sensitive point: User defined (148)	722,520	5,009,206	31.6	4.5	40.0	34.3	858	Yes	
ES	Noise sensitive point: User defined (149)	722,688	5,009,046	23.2	4.5	40.0	33.7	1,005	Yes	
ET	Noise sensitive point: User defined (150)	723,660	5,007,623	18.5	4.5	40.0	30.2	1,881	Yes	
EU	Noise sensitive point: User defined (151)	722,714	5,009,017	21.9	4.5	40.0	33.6	1,028	Yes	

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DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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Noise sensitive area					Demands			Sound level		Demands fulfilled ?		
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Distance to noise demand	Min Noise	Max From WTGs	
				[m]	[m]	[dB(A)]	[dB(A)]	[m]	[m]	[dB(A)]	[dB(A)]	
EV	Noise sensitive point: User defined (152)	721,993	5,011,587	55.4	4.5	40.0	28.5	1,788		40.0	28.5	Yes
EW	Noise sensitive point: User defined (153)	721,859	5,011,384	55.8	4.5	40.0	29.5	1,546		40.0	29.5	Yes
EX	Noise sensitive point: User defined (154)	723,599	5,007,591	17.0	4.5	40.0	30.5	1,822		40.0	30.5	Yes
EY	Noise sensitive point: User defined (155)	723,729	5,007,288	35.8	4.5	40.0	29.9	1,979		40.0	29.9	Yes
EZ	Noise sensitive point: User defined (156)	723,469	5,007,143	37.4	4.5	40.0	30.9	1,740		40.0	30.9	Yes
FA	Noise sensitive point: User defined (157)	723,464	5,007,122	38.6	4.5	40.0	30.9	1,739		40.0	30.9	Yes
FB	Noise sensitive point: User defined (158)	722,484	5,009,345	35.0	4.5	40.0	34.3	845		40.0	34.3	Yes
FC	Noise sensitive point: User defined (159)	723,084	5,008,602	22.4	4.5	40.0	32.3	1,371		40.0	32.3	Yes
FD	Noise sensitive point: User defined (160)	723,899	5,007,832	21.8	4.5	40.0	29.4	2,115		40.0	29.4	Yes
FE	Noise sensitive point: User defined (161)	722,469	5,012,141	56.0	4.5	40.0	26.0	2,506		40.0	26.0	Yes
FF	Noise sensitive point: User defined (162)	722,739	5,009,457	14.6	4.5	40.0	32.8	1,116		40.0	32.8	Yes
FG	Noise sensitive point: User defined (163)	723,608	5,007,284	34.9	4.5	40.0	30.4	1,860		40.0	30.4	Yes
FH	Noise sensitive point: User defined (164)	723,433	5,007,041	42.7	4.5	40.0	30.9	1,720		40.0	30.9	Yes
FI	Noise sensitive point: User defined (165)	723,445	5,007,070	41.2	4.5	40.0	30.9	1,728		40.0	30.9	Yes
FJ	Noise sensitive point: User defined (166)	723,446	5,007,221	33.1	4.5	40.0	31.0	1,707		40.0	31.0	Yes
FK	Noise sensitive point: User defined (167)	723,180	5,006,603	42.9	4.5	40.0	31.6	1,554		40.0	31.6	Yes
FL	Noise sensitive point: User defined (168)	723,447	5,007,264	31.0	4.5	40.0	31.0	1,703		40.0	31.0	Yes
FM	Noise sensitive point: User defined (169)	723,934	5,007,822	22.5	4.5	40.0	29.2	2,150		40.0	29.2	Yes
FN	Noise sensitive point: User defined (170)	723,396	5,007,400	21.3	4.5	40.0	31.2	1,635		40.0	31.2	Yes
FO	Noise sensitive point: User defined (171)	722,480	5,009,554	22.6	4.5	40.0	33.9	885		40.0	33.9	Yes
FP	Noise sensitive point: User defined (172)	722,521	5,009,543	23.2	4.5	40.0	33.7	921		40.0	33.7	Yes
FQ	Noise sensitive point: User defined (173)	722,531	5,009,530	23.9	4.5	40.0	33.7	928		40.0	33.7	Yes
FR	Noise sensitive point: User defined (174)	722,693	5,009,441	19.4	4.5	40.0	33.0	1,068		40.0	33.0	Yes
FS	Noise sensitive point: User defined (175)	722,694	5,009,454	19.4	4.5	40.0	33.0	1,071		40.0	33.0	Yes
FT	Noise sensitive point: User defined (176)	723,201	5,008,400	18.3	4.5	40.0	31.9	1,463		40.0	31.9	Yes
FU	Noise sensitive point: User defined (177)	723,247	5,008,435	16.9	4.5	40.0	31.7	1,514		40.0	31.7	Yes
FV	Noise sensitive point: User defined (178)	723,137	5,008,514	21.3	4.5	40.0	32.1	1,415		40.0	32.1	Yes
FW	Noise sensitive point: User defined (179)	723,185	5,008,515	18.7	4.5	40.0	31.9	1,463		40.0	31.9	Yes
FX	Noise sensitive point: User defined (180)	723,232	5,008,517	17.0	4.5	40.0	31.7	1,510		40.0	31.7	Yes
FY	Noise sensitive point: User defined (181)	723,242	5,008,476	17.1	4.5	40.0	31.7	1,514		40.0	31.7	Yes
FZ	Noise sensitive point: User defined (182)	723,270	5,008,484	16.1	4.5	40.0	31.6	1,543		40.0	31.6	Yes
GA	Noise sensitive point: User defined (183)	723,265	5,008,513	16.1	4.5	40.0	31.6	1,542		40.0	31.6	Yes
GB	Noise sensitive point: User defined (184)	723,117	5,008,601	20.5	4.5	40.0	32.1	1,404		40.0	32.1	Yes
GC	Noise sensitive point: User defined (185)	723,194	5,008,156	18.2	4.5	40.0	32.0	1,426		40.0	32.0	Yes
GD	Noise sensitive point: User defined (186)	722,708	5,009,163	19.0	4.5	40.0	33.4	1,039		40.0	33.4	Yes
GE	Noise sensitive point: User defined (187)	723,226	5,007,921	19.6	4.5	40.0	32.0	1,443		40.0	32.0	Yes
GF	Noise sensitive point: User defined (188)	722,299	5,011,800	51.5	4.5	40.0	27.3	2,126		40.0	27.3	Yes
GG	Noise sensitive point: User defined (189)	723,199	5,012,467	48.5	4.5	40.0	24.0	3,183		40.0	24.0	Yes
GH	Noise sensitive point: User defined (190)	722,042	5,005,731	52.9	4.5	40.0	35.3	851		40.0	35.3	Yes
GI	Noise sensitive point: User defined (191)	723,583	5,007,251	36.2	4.5	40.0	30.5	1,839		40.0	30.5	Yes
GJ	Noise sensitive point: User defined (192)	723,350	5,006,793	53.8	4.5	40.0	31.1	1,681		40.0	31.1	Yes
GK	Noise sensitive point: User defined (193)	722,117	5,010,716	44.2	4.5	40.0	31.6	1,145		40.0	31.6	Yes
GL	Noise sensitive point: User defined (194)	723,164	5,006,479	47.6	4.5	40.0	31.6	1,572		40.0	31.6	Yes
GM	Noise sensitive point: User defined (195)	723,188	5,006,498	49.2	4.5	40.0	31.5	1,590		40.0	31.5	Yes
GN	Noise sensitive point: User defined (196)	722,600	5,009,483	24.1	4.5	40.0	33.4	985		40.0	33.4	Yes
GO	Noise sensitive point: User defined (197)	721,758	5,011,362	56.8	4.5	40.0	29.8	1,483		40.0	29.8	Yes
GP	Noise sensitive point: User defined (198)	721,745	5,011,338	57.6	4.5	40.0	29.9	1,457		40.0	29.9	Yes
GQ	Noise sensitive point: User defined (199)	721,798	5,011,374	56.5	4.5	40.0	29.7	1,511		40.0	29.7	Yes
GR	Noise sensitive point: User defined (200)	721,810	5,011,394	55.9	4.5	40.0	29.6	1,533		40.0	29.6	Yes
GS	Noise sensitive point: User defined (201)	721,976	5,011,614	54.7	4.5	40.0	28.4	1,805		40.0	28.4	Yes
GT	Noise sensitive point: User defined (202)	723,156	5,008,489	20.3	4.5	40.0	32.0	1,431		40.0	32.0	Yes
GU	Noise sensitive point: User defined (203)	723,714	5,007,431	29.2	4.5	40.0	30.0	1,949		40.0	30.0	Yes
GV	Noise sensitive point: User defined (204)	722,239	5,011,196	41.7	4.5	40.0	29.4	1,590		40.0	29.4	Yes
GW	Noise sensitive point: User defined (205)	723,142	5,006,456	46.7	4.5	40.0	31.7	1,557		40.0	31.7	Yes
GX	Noise sensitive point: User defined (206)	723,129	5,006,441	46.6	4.5	40.0	31.7	1,549		40.0	31.7	Yes
GY	Noise sensitive point: User defined (207)	722,366	5,011,851	50.6	4.5	40.0	27.0	2,205		40.0	27.0	Yes
GZ	Noise sensitive point: User defined (208)	723,799	5,007,380	32.0	4.5	40.0	29.7	2,039		40.0	29.7	Yes
HA	Noise sensitive point: User defined (209)	723,110	5,006,469	44.4	4.5	40.0	31.8	1,523		40.0	31.8	Yes
HB	Noise sensitive point: User defined (210)	723,131	5,006,487	44.4	4.5	40.0	31.7	1,538		40.0	31.7	Yes
HC	Noise sensitive point: User defined (211)	722,146	5,011,739	54.3	4.5	40.0	27.7	1,996		40.0	27.7	Yes
HD	Noise sensitive point: User defined (212)	723,310	5,007,783	6.9	4.5	40.0	31.6	1,527		40.0	31.6	Yes
HE	Noise sensitive point: User defined (213)	723,289	5,007,476	9.6	4.5	40.0	31.7	1,522		40.0	31.7	Yes
HF	Noise sensitive point: User defined (214)	723,892	5,007,857	20.9	4.5	40.0	29.4	2,108		40.0	29.4	Yes
HG	Noise sensitive point: User defined (215)	723,885	5,007,881	20.0	4.5	40.0	29.4	2,101		40.0	29.4	Yes

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DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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Noise sensitive area						Demands			Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand			Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]				
HH	Noise sensitive point: User defined (216)	723,878	5,007,906	18.9	4.5	40.0	29.4	2,094			2,094	Yes
HI	Noise sensitive point: User defined (217)	723,635	5,007,611	17.8	4.5	40.0	30.3	1,857			1,857	Yes
HJ	Noise sensitive point: User defined (218)	722,626	5,012,264	52.7	4.5	40.0	25.4	2,693			2,693	Yes
HK	Noise sensitive point: User defined (219)	722,547	5,012,208	54.8	4.5	40.0	25.7	2,603			2,603	Yes
HL	Noise sensitive point: User defined (220)	723,337	5,008,078	15.9	4.5	40.0	31.5	1,561			1,561	Yes
HM	Noise sensitive point: User defined (221)	722,201	5,010,890	40.9	4.5	40.0	30.7	1,331			1,331	Yes
HN	Noise sensitive point: User defined (222)	722,201	5,010,825	39.9	4.5	40.0	30.9	1,282			1,282	Yes
HO	Noise sensitive point: User defined (223)	721,993	5,011,178	54.0	4.5	40.0	30.1	1,436			1,436	Yes
HP	Noise sensitive point: User defined (224)	723,687	5,007,549	23.5	4.5	40.0	30.1	1,913			1,913	Yes
HQ	Noise sensitive point: User defined (225)	723,696	5,007,527	25.0	4.5	40.0	30.1	1,923			1,923	Yes
HR	Noise sensitive point: User defined (226)	721,978	5,011,149	55.3	4.5	40.0	30.2	1,404			1,404	Yes
HS	Noise sensitive point: User defined (227)	723,766	5,007,889	16.0	4.5	40.0	29.8	1,982			1,982	Yes
HT	Noise sensitive point: User defined (228)	722,173	5,011,755	54.1	4.5	40.0	27.6	2,023			2,023	Yes
HU	Noise sensitive point: User defined (229)	722,683	5,009,814	25.5	4.5	40.0	32.3	1,152			1,152	Yes
HV	Noise sensitive point: User defined (230)	722,452	5,009,697	18.0	4.5	40.0	33.7	896			896	Yes
HW	Noise sensitive point: User defined (231)	722,580	5,010,830	32.0	4.5	40.0	29.8	1,561			1,561	Yes
HX	Noise sensitive point: User defined (232)	722,286	5,010,668	34.1	4.5	40.0	31.3	1,233			1,233	Yes
HY	Noise sensitive point: User defined (233)	723,096	5,008,543	23.7	4.5	40.0	32.3	1,378			1,378	Yes
HZ	Noise sensitive point: User defined (234)	722,437	5,010,144	28.0	4.5	40.0	32.5	1,052			1,052	Yes
IA	Noise sensitive point: User defined (235)	722,522	5,010,183	29.1	4.5	40.0	32.0	1,146			1,146	Yes
IB	Noise sensitive point: User defined (236)	722,279	5,010,339	29.1	4.5	40.0	32.5	1,019			1,019	Yes
IC	Noise sensitive point: User defined (237)	722,195	5,011,736	54.3	4.5	40.0	27.7	2,018			2,018	Yes
ID	Noise sensitive point: User defined (238)	722,330	5,011,822	51.1	4.5	40.0	27.2	2,161			2,161	Yes
IE	Noise sensitive point: User defined (239)	721,704	5,005,421	60.0	4.5	40.0	36.3	644			644	Yes
IF	Noise sensitive point: User defined (240)	721,684	5,005,391	60.0	4.5	40.0	36.3	626			626	Yes
IG	Noise sensitive point: User defined (241)	721,894	5,005,612	55.4	4.5	40.0	35.7	775			775	Yes
IH	Noise sensitive point: User defined (242)	722,294	5,005,969	47.5	4.5	40.0	34.6	959			959	Yes
II	Noise sensitive point: User defined (243)	722,323	5,005,957	48.0	4.5	40.0	34.4	989			989	Yes
IJ	Noise sensitive point: User defined (244)	722,230	5,005,862	47.7	4.5	40.0	34.7	953			953	Yes
IK	Noise sensitive point: User defined (245)	722,267	5,005,882	48.0	4.5	40.0	34.5	976			976	Yes
IL	Noise sensitive point: User defined (246)	722,311	5,005,912	47.4	4.5	40.0	34.4	1,000			1,000	Yes
IM	Noise sensitive point: User defined (247)	722,356	5,005,943	47.1	4.5	40.0	34.2	1,025			1,025	Yes
IN	Noise sensitive point: User defined (248)	722,363	5,005,986	46.9	4.5	40.0	34.3	1,012			1,012	Yes
IO	Noise sensitive point: User defined (249)	722,423	5,006,025	44.8	4.5	40.0	34.1	1,047			1,047	Yes
IP	Noise sensitive point: User defined (250)	722,473	5,006,052	43.2	4.5	40.0	33.9	1,080			1,080	Yes
IQ	Noise sensitive point: User defined (251)	722,494	5,006,067	42.7	4.5	40.0	33.8	1,093			1,093	Yes
IR	Noise sensitive point: User defined (252)	722,507	5,006,075	42.6	4.5	40.0	33.8	1,101			1,101	Yes
IS	Noise sensitive point: User defined (253)	722,536	5,006,094	42.5	4.5	40.0	33.7	1,119			1,119	Yes
IT	Noise sensitive point: User defined (254)	722,597	5,006,100	42.1	4.5	40.0	33.4	1,172			1,172	Yes
IU	Noise sensitive point: User defined (255)	722,656	5,006,118	42.0	4.5	40.0	33.2	1,218			1,218	Yes
IV	Noise sensitive point: User defined (256)	722,617	5,006,121	42.0	4.5	40.0	33.4	1,181			1,181	Yes
IW	Noise sensitive point: User defined (257)	722,687	5,006,228	42.0	4.5	40.0	33.2	1,204			1,204	Yes
IX	Noise sensitive point: User defined (258)	722,732	5,006,217	42.0	4.5	40.0	33.0	1,250			1,250	Yes
IY	Noise sensitive point: User defined (259)	722,758	5,006,227	42.0	4.5	40.0	32.9	1,270			1,270	Yes
IZ	Noise sensitive point: User defined (260)	722,786	5,006,271	42.0	4.5	40.0	32.9	1,280			1,280	Yes
JA	Noise sensitive point: User defined (261)	722,790	5,006,240	42.0	4.5	40.0	32.8	1,295			1,295	Yes
JB	Noise sensitive point: User defined (262)	722,843	5,006,254	42.0	4.5	40.0	32.6	1,339			1,339	Yes
JC	Noise sensitive point: User defined (263)	722,879	5,006,284	42.0	4.5	40.0	32.5	1,363			1,363	Yes
JD	Noise sensitive point: User defined (264)	722,945	5,006,352	42.0	4.5	40.0	32.3	1,402			1,402	Yes
JE	Noise sensitive point: User defined (265)	722,903	5,006,296	42.0	4.5	40.0	32.4	1,380			1,380	Yes
JF	Noise sensitive point: User defined (266)	722,979	5,006,332	43.6	4.5	40.0	32.2	1,440			1,440	Yes
JG	Noise sensitive point: User defined (267)	723,028	5,006,359	45.0	4.5	40.0	32.0	1,478			1,478	Yes
JH	Noise sensitive point: User defined (268)	723,098	5,006,452	44.5	4.5	40.0	31.8	1,516			1,516	Yes
JI	Noise sensitive point: User defined (269)	723,090	5,006,402	46.1	4.5	40.0	31.8	1,523			1,523	Yes
JJ	Noise sensitive point: User defined (270)	723,152	5,006,516	44.6	4.5	40.0	31.7	1,550			1,550	Yes
JK	Noise sensitive point: User defined (271)	723,249	5,006,608	49.3	4.5	40.0	31.4	1,620			1,620	Yes
JL	Noise sensitive point: User defined (272)	723,185	5,006,647	41.5	4.5	40.0	31.7	1,549			1,549	Yes
JM	Noise sensitive point: User defined (273)	723,216	5,006,755	40.0	4.5	40.0	31.6	1,556			1,556	Yes
JN	Noise sensitive point: User defined (274)	723,200	5,006,715	40.3	4.5	40.0	31.6	1,550			1,550	Yes
JO	Noise sensitive point: User defined (275)	723,239	5,006,729	43.8	4.5	40.0	31.5	1,585			1,585	Yes
JP	Noise sensitive point: User defined (276)	723,331	5,006,872	47.2	4.5	40.0	31.2	1,648			1,648	Yes
JO	Noise sensitive point: User defined (277)	723,300	5,006,952	37.7	4.5	40.0	31.4	1,604			1,604	Yes
JR	Noise sensitive point: User defined (278)	723,449	5,006,848	55.0	4.5	40.0	30.8	1,768			1,768	Yes
JS	Noise sensitive point: User defined (279)	723,374	5,007,026	38.7	4.5	40.0	31.2	1,665			1,665	Yes

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DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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Noise sensitive area					Demands		Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]		
JT	Noise sensitive point: User defined (280)	723,434	5,006,927	51.9	4.5	40.0	30.9	1,740	Yes	
JU	Noise sensitive point: User defined (281)	723,406	5,007,066	38.5	4.5	40.0	31.1	1,689	Yes	
JV	Noise sensitive point: User defined (282)	723,419	5,007,096	37.5	4.5	40.0	31.0	1,698	Yes	
JW	Noise sensitive point: User defined (283)	723,457	5,007,089	40.6	4.5	40.0	30.9	1,737	Yes	
JX	Noise sensitive point: User defined (284)	723,435	5,007,151	35.5	4.5	40.0	31.0	1,706	Yes	
JY	Noise sensitive point: User defined (285)	723,641	5,007,669	14.0	4.5	40.0	30.3	1,860	Yes	
JZ	Noise sensitive point: User defined (286)	723,700	5,007,635	20.1	4.5	40.0	30.1	1,920	Yes	
KA	Noise sensitive point: User defined (287)	723,865	5,007,576	28.4	4.5	40.0	29.5	2,088	Yes	
KB	Noise sensitive point: User defined (288)	723,441	5,007,178	34.7	4.5	40.0	31.0	1,707	Yes	
KC	Noise sensitive point: User defined (289)	723,442	5,007,290	29.7	4.5	40.0	31.0	1,694	Yes	
KD	Noise sensitive point: User defined (290)	723,684	5,007,379	30.7	4.5	40.0	30.1	1,924	Yes	
KE	Noise sensitive point: User defined (291)	723,685	5,007,783	12.9	4.5	40.0	30.1	1,901	Yes	
KF	Noise sensitive point: User defined (292)	723,763	5,007,584	24.7	4.5	40.0	29.8	1,987	Yes	
KG	Noise sensitive point: User defined (293)	723,772	5,007,553	26.1	4.5	40.0	29.8	1,997	Yes	
KH	Noise sensitive point: User defined (294)	723,779	5,007,528	27.1	4.5	40.0	29.8	2,006	Yes	
KI	Noise sensitive point: User defined (295)	723,786	5,007,491	28.5	4.5	40.0	29.8	2,015	Yes	
KJ	Noise sensitive point: User defined (296)	723,835	5,007,588	27.1	4.5	40.0	29.6	2,058	Yes	
KK	Noise sensitive point: User defined (297)	723,858	5,007,716	24.8	4.5	40.0	29.5	2,075	Yes	
KL	Noise sensitive point: User defined (298)	723,887	5,007,631	27.6	4.5	40.0	29.4	2,107	Yes	
KM	Noise sensitive point: User defined (299)	723,912	5,007,611	28.2	4.5	40.0	29.3	2,134	Yes	
KN	Noise sensitive point: User defined (300)	723,928	5,007,619	28.0	4.5	40.0	29.3	2,149	Yes	
KO	Noise sensitive point: User defined (301)	723,973	5,007,662	27.2	4.5	40.0	29.1	2,192	Yes	
KP	Noise sensitive point: User defined (302)	724,002	5,007,714	25.9	4.5	40.0	29.0	2,219	Yes	
KQ	Noise sensitive point: User defined (303)	723,915	5,007,682	26.4	4.5	40.0	29.3	2,133	Yes	
KR	Noise sensitive point: User defined (304)	723,965	5,007,745	25.4	4.5	40.0	29.1	2,182	Yes	
KS	Noise sensitive point: User defined (305)	723,945	5,007,789	24.1	4.5	40.0	29.2	2,161	Yes	
KT	Noise sensitive point: User defined (306)	723,927	5,007,726	26.0	4.5	40.0	29.3	2,144	Yes	
KU	Noise sensitive point: User defined (307)	723,926	5,007,853	21.2	4.5	40.0	29.3	2,142	Yes	
KV	Noise sensitive point: User defined (308)	723,918	5,007,772	24.5	4.5	40.0	29.3	2,134	Yes	
KW	Noise sensitive point: User defined (309)	723,922	5,007,943	17.6	4.5	40.0	29.3	2,139	Yes	
KX	Noise sensitive point: User defined (310)	723,878	5,008,025	13.7	4.5	40.0	29.4	2,099	Yes	
KY	Noise sensitive point: User defined (311)	723,855	5,007,946	16.6	4.5	40.0	29.5	2,072	Yes	
KZ	Noise sensitive point: User defined (312)	723,918	5,008,088	11.0	4.5	40.0	29.2	2,142	Yes	
LA	Noise sensitive point: User defined (313)	723,952	5,008,134	8.2	4.5	40.0	29.1	2,179	Yes	
LB	Noise sensitive point: User defined (314)	723,963	5,008,203	4.0	4.5	40.0	29.0	2,196	Yes	
LC	Noise sensitive point: User defined (315)	723,423	5,007,367	24.6	4.5	40.0	31.1	1,666	Yes	
LD	Noise sensitive point: User defined (316)	723,363	5,007,426	18.1	4.5	40.0	31.4	1,600	Yes	
LE	Noise sensitive point: User defined (317)	723,322	5,007,455	13.4	4.5	40.0	31.5	1,557	Yes	
LF	Noise sensitive point: User defined (318)	723,200	5,007,667	7.4	4.5	40.0	32.1	1,420	Yes	
LG	Noise sensitive point: User defined (319)	723,187	5,007,718	11.5	4.5	40.0	32.1	1,404	Yes	
LH	Noise sensitive point: User defined (320)	723,212	5,007,768	14.2	4.5	40.0	32.0	1,429	Yes	
LI	Noise sensitive point: User defined (321)	723,172	5,007,773	16.1	4.5	40.0	32.2	1,388	Yes	
LJ	Noise sensitive point: User defined (322)	723,184	5,007,839	19.5	4.5	40.0	32.1	1,400	Yes	
LK	Noise sensitive point: User defined (323)	723,186	5,007,862	20.6	4.5	40.0	32.1	1,402	Yes	
LL	Noise sensitive point: User defined (324)	723,245	5,007,859	16.6	4.5	40.0	31.9	1,461	Yes	
LM	Noise sensitive point: User defined (325)	723,197	5,007,905	20.9	4.5	40.0	32.1	1,414	Yes	
LN	Noise sensitive point: User defined (326)	723,152	5,007,878	22.5	4.5	40.0	32.3	1,368	Yes	
LO	Noise sensitive point: User defined (327)	723,202	5,007,953	21.2	4.5	40.0	32.1	1,420	Yes	
LP	Noise sensitive point: User defined (328)	723,224	5,007,997	19.9	4.5	40.0	31.9	1,445	Yes	
LQ	Noise sensitive point: User defined (329)	723,176	5,008,002	22.1	4.5	40.0	32.2	1,397	Yes	
LR	Noise sensitive point: User defined (330)	723,240	5,008,072	18.5	4.5	40.0	31.9	1,464	Yes	
LS	Noise sensitive point: User defined (331)	723,192	5,008,173	18.0	4.5	40.0	32.0	1,426	Yes	
LT	Noise sensitive point: User defined (332)	723,408	5,008,162	12.5	4.5	40.0	31.1	1,639	Yes	
LU	Noise sensitive point: User defined (333)	723,306	5,008,210	16.0	4.5	40.0	31.5	1,543	Yes	
LV	Noise sensitive point: User defined (334)	723,123	5,008,206	21.5	4.5	40.0	32.3	1,360	Yes	
LW	Noise sensitive point: User defined (335)	723,165	5,008,273	18.5	4.5	40.0	32.1	1,410	Yes	
LX	Noise sensitive point: User defined (336)	723,317	5,008,326	13.8	4.5	40.0	31.4	1,568	Yes	
LY	Noise sensitive point: User defined (337)	723,159	5,008,312	19.1	4.5	40.0	32.1	1,409	Yes	
LZ	Noise sensitive point: User defined (338)	723,076	5,008,308	26.8	4.5	40.0	32.5	1,326	Yes	
MA	Noise sensitive point: User defined (339)	723,277	5,008,435	14.9	4.5	40.0	31.6	1,543	Yes	
MB	Noise sensitive point: User defined (340)	723,164	5,008,424	20.1	4.5	40.0	32.0	1,429	Yes	
MC	Noise sensitive point: User defined (341)	723,142	5,008,387	21.0	4.5	40.0	32.2	1,402	Yes	
MD	Noise sensitive point: User defined (342)	723,235	5,008,601	16.5	4.5	40.0	31.6	1,522	Yes	
ME	Noise sensitive point: User defined (343)	723,069	5,008,793	14.0	4.5	40.0	32.2	1,367	Yes	

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DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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Noise sensitive area				Demands			Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Noise	
				[m]	[m]	[dB(A)]	[dB(A)]	[m]		
MF	Noise sensitive point: User defined (344)	723,246	5,008,634	15.8	4.5	40.0	31.6	1,535	Yes	
MG	Noise sensitive point: User defined (345)	723,120	5,008,712	15.8	4.5	40.0	32.0	1,414	Yes	
MH	Noise sensitive point: User defined (346)	723,273	5,008,778	12.3	4.5	40.0	31.3	1,570	Yes	
MI	Noise sensitive point: User defined (347)	723,031	5,008,777	15.6	4.5	40.0	32.4	1,328	Yes	
MJ	Noise sensitive point: User defined (348)	722,979	5,008,790	15.2	4.5	40.0	32.6	1,276	Yes	
MK	Noise sensitive point: User defined (349)	722,800	5,008,938	16.6	4.5	40.0	33.3	1,107	Yes	
ML	Noise sensitive point: User defined (350)	722,818	5,008,969	12.9	4.5	40.0	33.1	1,127	Yes	
MM	Noise sensitive point: User defined (351)	722,794	5,008,999	15.7	4.5	40.0	33.2	1,106	Yes	
MN	Noise sensitive point: User defined (352)	722,752	5,008,978	20.2	4.5	40.0	33.4	1,063	Yes	
MO	Noise sensitive point: User defined (353)	722,750	5,009,031	18.3	4.5	40.0	33.4	1,066	Yes	
MP	Noise sensitive point: User defined (354)	722,735	5,009,045	19.3	4.5	40.0	33.4	1,052	Yes	
MQ	Noise sensitive point: User defined (355)	722,659	5,009,067	24.6	4.5	40.0	33.8	979	Yes	
MR	Noise sensitive point: User defined (356)	722,690	5,009,089	21.8	4.5	40.0	33.6	1,012	Yes	
MS	Noise sensitive point: User defined (357)	722,619	5,009,116	25.9	4.5	40.0	33.9	945	Yes	
MT	Noise sensitive point: User defined (358)	722,677	5,009,105	22.3	4.5	40.0	33.6	1,000	Yes	
MU	Noise sensitive point: User defined (359)	722,646	5,009,133	23.4	4.5	40.0	33.8	973	Yes	
MV	Noise sensitive point: User defined (360)	722,631	5,009,153	23.4	4.5	40.0	33.8	961	Yes	
MW	Noise sensitive point: User defined (361)	722,831	5,009,226	7.4	4.5	40.0	32.7	1,168	Yes	
MX	Noise sensitive point: User defined (362)	722,777	5,009,258	11.1	4.5	40.0	32.9	1,119	Yes	
MY	Noise sensitive point: User defined (363)	722,598	5,009,219	22.9	4.5	40.0	33.9	937	Yes	
MZ	Noise sensitive point: User defined (364)	722,550	5,009,338	30.2	4.5	40.0	33.9	908	Yes	
NA	Noise sensitive point: User defined (365)	722,553	5,009,458	26.6	4.5	40.0	33.7	934	Yes	
NB	Noise sensitive point: User defined (366)	722,569	5,009,420	27.1	4.5	40.0	33.7	942	Yes	
NC	Noise sensitive point: User defined (367)	722,529	5,009,424	29.7	4.5	40.0	33.9	903	Yes	
ND	Noise sensitive point: User defined (368)	722,574	5,009,505	24.2	4.5	40.0	33.5	965	Yes	
NE	Noise sensitive point: User defined (369)	722,631	5,009,455	23.6	4.5	40.0	33.3	1,010	Yes	
NF	Noise sensitive point: User defined (370)	722,720	5,009,513	15.6	4.5	40.0	32.8	1,109	Yes	
NG	Noise sensitive point: User defined (371)	722,511	5,009,564	22.0	4.5	40.0	33.7	917	Yes	
NH	Noise sensitive point: User defined (372)	722,460	5,009,589	20.6	4.5	40.0	33.9	875	Yes	
NI	Noise sensitive point: User defined (373)	722,196	5,011,772	54.0	4.5	40.0	27.5	2,049	Yes	
NJ	Noise sensitive point: User defined (374)	724,036	5,007,840	21.3	4.5	40.0	28.9	2,252	Yes	
NK	Noise sensitive point: User defined (375)	721,689	5,005,457	60.0	4.5	40.0	36.4	624	Yes	
NL	Noise sensitive point: User defined (376)	721,651	5,005,419	60.1	4.5	40.0	36.6	592	Yes	
NM	Noise sensitive point: User defined (377)	723,621	5,007,332	32.6	4.5	40.0	30.3	1,866	Yes	
NN	Noise sensitive point: User defined (378)	723,162	5,007,801	18.1	4.5	40.0	32.2	1,378	Yes	
NO	Noise sensitive point: User defined (379)	723,178	5,007,751	14.4	4.5	40.0	32.2	1,395	Yes	
NP	Noise sensitive point: User defined (380)	723,943	5,007,574	29.1	4.5	40.0	29.2	2,167	Yes	
NQ	Noise sensitive point: User defined (381)	723,696	5,007,400	30.0	4.5	40.0	30.1	1,934	Yes	
NR	Noise sensitive point: User defined (382)	723,383	5,008,076	12.3	4.5	40.0	31.3	1,607	Yes	
NS	Noise sensitive point: User defined (383)	722,503	5,009,575	21.5	4.5	40.0	33.7	912	Yes	
NT	Noise sensitive point: User defined (384)	721,940	5,005,650	54.4	4.5	40.0	35.6	800	Yes	
NU	Noise sensitive point: User defined (385)	723,262	5,007,749	9.6	4.5	40.0	31.8	1,479	Yes	
NV	Noise sensitive point: User defined (386)	721,853	5,005,572	56.2	4.5	40.0	35.9	755	Yes	
NW	Noise sensitive point: User defined (387)	723,675	5,007,320	33.8	4.5	40.0	30.1	1,921	Yes	
NX	Noise sensitive point: User defined (388)	723,471	5,007,450	20.6	4.5	40.0	30.9	1,705	Yes	
NY	Noise sensitive point: User defined (389)	722,709	5,009,496	17.2	4.5	40.0	32.9	1,095	Yes	
NZ	Noise sensitive point: User defined (390)	723,683	5,007,675	16.6	4.5	40.0	30.1	1,901	Yes	
OA	Noise sensitive point: User defined (391)	722,292	5,011,829	52.7	4.5	40.0	27.2	2,147	Yes	
OB	Noise sensitive point: User defined (392)	722,279	5,011,823	52.8	4.5	40.0	27.2	2,136	Yes	
OC	Noise sensitive point: User defined (393)	722,272	5,011,783	51.9	4.5	40.0	27.4	2,097	Yes	
OD	Noise sensitive point: User defined (394)	722,247	5,011,766	52.3	4.5	40.0	27.5	2,070	Yes	
OE	Noise sensitive point: User defined (395)	722,063	5,011,648	56.0	4.5	40.0	28.2	1,875	Yes	
OF	Noise sensitive point: User defined (396)	721,963	5,011,606	54.5	4.5	40.0	28.5	1,791	Yes	
OG	Noise sensitive point: User defined (397)	721,877	5,011,525	53.0	4.5	40.0	28.9	1,681	Yes	
OH	Noise sensitive point: User defined (398)	722,018	5,011,611	55.7	4.5	40.0	28.4	1,821	Yes	
OI	Noise sensitive point: User defined (399)	721,948	5,011,481	54.0	4.5	40.0	29.0	1,674	Yes	
OJ	Noise sensitive point: User defined (400)	721,783	5,011,343	57.3	4.5	40.0	29.8	1,476	Yes	
OK	Noise sensitive point: User defined (401)	721,773	5,011,306	58.0	4.5	40.0	30.0	1,438	Yes	
OL	Noise sensitive point: User defined (402)	721,732	5,011,317	58.0	4.5	40.0	30.0	1,431	Yes	
OM	Noise sensitive point: User defined (403)	722,262	5,011,812	53.0	4.5	40.0	27.3	2,117	Yes	
ON	Noise sensitive point: User defined (404)	721,621	5,011,215	60.0	4.5	40.0	30.7	1,295	Yes	
OO	Noise sensitive point: User defined (405)	722,325	5,011,854	52.6	4.5	40.0	27.1	2,185	Yes	
OP	Noise sensitive point: User defined (406)	722,377	5,011,908	53.4	4.5	40.0	26.8	2,259	Yes	
OQ	Noise sensitive point: User defined (407)	722,409	5,011,986	54.0	4.5	40.0	26.5	2,342	Yes	

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

Noise sensitive area						Demands Sound level			Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]		
OR	Noise sensitive point: User defined (408)	722,406	5,012,041	54.0	4.5	40.0	26.4	2,387		Yes
OS	Noise sensitive point: User defined (409)	722,527	5,012,193	55.2	4.5	40.0	25.7	2,580		Yes
OT	Noise sensitive point: User defined (410)	722,571	5,012,226	54.2	4.5	40.0	25.6	2,631		Yes
OU	Noise sensitive point: User defined (411)	722,611	5,012,217	52.9	4.5	40.0	25.5	2,645		Yes
OV	Noise sensitive point: User defined (412)	722,606	5,012,253	53.0	4.5	40.0	25.4	2,673		Yes
OW	Noise sensitive point: User defined (413)	722,642	5,012,240	52.2	4.5	40.0	25.4	2,681		Yes
OX	Noise sensitive point: User defined (414)	722,663	5,012,251	52.0	4.5	40.0	25.4	2,702		Yes
OY	Noise sensitive point: User defined (415)	722,653	5,012,280	52.0	4.5	40.0	25.3	2,721		Yes
OZ	Noise sensitive point: User defined (416)	722,681	5,012,289	52.0	4.5	40.0	25.2	2,743		Yes
PA	Noise sensitive point: User defined (417)	722,695	5,012,264	52.0	4.5	40.0	25.3	2,730		Yes
PB	Noise sensitive point: User defined (418)	722,706	5,012,295	52.0	4.5	40.0	25.2	2,762		Yes
PC	Noise sensitive point: User defined (419)	722,724	5,012,272	52.0	4.5	40.0	25.2	2,752		Yes
PD	Noise sensitive point: User defined (420)	722,726	5,012,300	52.0	4.5	40.0	25.1	2,777		Yes
PE	Noise sensitive point: User defined (421)	722,750	5,012,276	52.0	4.5	40.0	25.2	2,769		Yes
PF	Noise sensitive point: User defined (422)	722,850	5,012,287	52.5	4.5	40.0	25.0	2,833		Yes
PG	Noise sensitive point: User defined (423)	722,830	5,012,316	53.6	4.5	40.0	24.9	2,846		Yes
PH	Noise sensitive point: User defined (424)	722,755	5,012,303	52.0	4.5	40.0	25.1	2,795		Yes
PI	Noise sensitive point: User defined (425)	722,774	5,012,355	52.0	4.5	40.0	24.9	2,849		Yes
PJ	Noise sensitive point: User defined (426)	722,806	5,012,357	52.0	4.5	40.0	24.9	2,867		Yes
PK	Noise sensitive point: User defined (427)	722,795	5,012,382	52.0	4.5	40.0	24.8	2,883		Yes
PL	Noise sensitive point: User defined (428)	722,766	5,012,383	52.0	4.5	40.0	24.9	2,868		Yes
PM	Noise sensitive point: User defined (429)	722,757	5,012,419	52.0	4.5	40.0	24.8	2,894		Yes
PN	Noise sensitive point: User defined (430)	722,788	5,012,413	52.0	4.5	40.0	24.8	2,905		Yes
PO	Noise sensitive point: User defined (431)	722,781	5,012,439	52.0	4.5	40.0	24.7	2,923		Yes
PP	Noise sensitive point: User defined (432)	722,750	5,012,438	52.0	4.5	40.0	24.7	2,906		Yes
PQ	Noise sensitive point: User defined (433)	722,744	5,012,470	52.0	4.5	40.0	24.7	2,930		Yes
PR	Noise sensitive point: User defined (434)	722,771	5,012,475	52.0	4.5	40.0	24.6	2,948		Yes
PS	Noise sensitive point: User defined (435)	722,763	5,012,501	52.0	4.5	40.0	24.6	2,967		Yes
PT	Noise sensitive point: User defined (436)	722,755	5,012,530	52.0	4.5	40.0	24.5	2,987		Yes
PU	Noise sensitive point: User defined (437)	722,744	5,012,588	51.1	4.5	40.0	24.4	3,031		Yes
PV	Noise sensitive point: User defined (438)	722,691	5,012,499	50.6	4.5	40.0	24.7	2,927		Yes
PW	Noise sensitive point: User defined (439)	722,685	5,012,469	51.0	4.5	40.0	24.8	2,898		Yes
PX	Noise sensitive point: User defined (440)	722,657	5,012,490	49.5	4.5	40.0	24.7	2,902		Yes
PY	Noise sensitive point: User defined (441)	722,659	5,012,461	50.3	4.5	40.0	24.8	2,878		Yes
PZ	Noise sensitive point: User defined (442)	722,630	5,012,483	49.3	4.5	40.0	24.8	2,882		Yes
QA	Noise sensitive point: User defined (443)	722,634	5,012,456	50.2	4.5	40.0	24.9	2,860		Yes
QB	Noise sensitive point: User defined (444)	722,597	5,012,474	49.2	4.5	40.0	24.9	2,858		Yes
QC	Noise sensitive point: User defined (445)	722,555	5,012,448	50.0	4.5	40.0	25.0	2,814		Yes
QD	Noise sensitive point: User defined (446)	722,548	5,012,482	47.7	4.5	40.0	24.9	2,840		Yes
QE	Noise sensitive point: User defined (447)	722,873	5,012,325	54.0	4.5	40.0	24.9	2,877		Yes
QF	Noise sensitive point: User defined (448)	722,932	5,012,324	53.3	4.5	40.0	24.8	2,910		Yes
QG	Noise sensitive point: User defined (449)	722,998	5,012,335	51.3	4.5	40.0	24.6	2,957		Yes
QH	Noise sensitive point: User defined (450)	723,032	5,012,313	49.7	4.5	40.0	24.6	2,960		Yes
QI	Noise sensitive point: User defined (451)	723,038	5,012,347	49.9	4.5	40.0	24.6	2,990		Yes
QJ	Noise sensitive point: User defined (452)	723,067	5,012,360	49.0	4.5	40.0	24.5	3,018		Yes
QK	Noise sensitive point: User defined (453)	723,105	5,012,346	48.1	4.5	40.0	24.4	3,030		Yes
QL	Noise sensitive point: User defined (454)	723,136	5,012,371	48.1	4.5	40.0	24.3	3,068		Yes
QM	Noise sensitive point: User defined (455)	723,174	5,012,446	48.5	4.5	40.0	24.1	3,151		Yes
QN	Noise sensitive point: User defined (456)	723,224	5,012,489	48.3	4.5	40.0	23.9	3,216		Yes
QO	Noise sensitive point: User defined (457)	723,225	5,012,451	48.0	4.5	40.0	24.0	3,187		Yes
QP	Noise sensitive point: User defined (458)	723,245	5,012,508	48.0	4.5	40.0	23.8	3,244		Yes
QQ	Noise sensitive point: User defined (459)	723,314	5,012,499	47.0	4.5	40.0	23.8	3,279		Yes
QR	Noise sensitive point: User defined (460)	723,275	5,012,495	48.0	4.5	40.0	23.8	3,252		Yes
QS	Noise sensitive point: User defined (461)	723,281	5,012,546	48.0	4.5	40.0	23.7	3,296		Yes
QT	Noise sensitive point: User defined (462)	723,362	5,012,580	47.1	4.5	40.0	23.5	3,372		Yes
QU	Noise sensitive point: User defined (463)	723,375	5,012,598	47.1	4.5	40.0	23.5	3,395		Yes
QV	Noise sensitive point: User defined (464)	723,387	5,012,662	47.7	4.5	40.0	23.3	3,452		Yes
QW	Noise sensitive point: User defined (465)	723,440	5,012,674	46.5	4.5	40.0	23.2	3,494		Yes
QX	Noise sensitive point: User defined (466)	722,037	5,011,729	54.0	4.5	40.0	27.9	1,935		Yes
QY	Noise sensitive point: User defined (467)	722,397	5,011,952	54.0	4.5	40.0	26.6	2,307		Yes
QZ	Noise sensitive point: User defined (468)	722,580	5,012,434	50.4	4.5	40.0	25.0	2,814		Yes
RA	Noise sensitive point: User defined (469)	722,224	5,011,751	53.2	4.5	40.0	27.6	2,045		Yes
RB	Noise sensitive point: User defined (470)	722,081	5,011,661	55.7	4.5	40.0	28.1	1,896		Yes
RC	Noise sensitive point: User defined (471)	722,098	5,011,674	55.5	4.5	40.0	28.0	1,916		Yes

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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Noise sensitive area					Demands		Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]		
RD	Noise sensitive point: User defined (472)	722,120	5,011,689	55.3	4.5	40.0	27.9	1,940	Yes	
RE	Noise sensitive point: User defined (473)	722,139	5,011,702	55.1	4.5	40.0	27.9	1,960	Yes	
RF	Noise sensitive point: User defined (474)	722,155	5,011,714	54.9	4.5	40.0	27.8	1,978	Yes	
RG	Noise sensitive point: User defined (475)	722,179	5,011,726	54.6	4.5	40.0	27.7	2,001	Yes	
RH	Noise sensitive point: User defined (476)	723,607	5,007,595	17.3	4.5	40.0	30.4	1,830	Yes	
RI	Noise sensitive point: User defined (477)	721,764	5,010,925	89.2	4.5	40.0	31.7	1,101	Yes	
RJ	Noise sensitive point: User defined (478)	722,077	5,011,137	50.5	4.5	40.0	30.0	1,448	Yes	
RK	Noise sensitive point: User defined (479)	723,380	5,008,134	14.1	4.5	40.0	31.3	1,609	Yes	
RL	Noise sensitive point: User defined (480)	723,254	5,006,636	48.7	4.5	40.0	31.4	1,619	Yes	
RM	Noise sensitive point: User defined (481)	722,293	5,010,795	36.7	4.5	40.0	30.8	1,325	Yes	
RN	Noise sensitive point: User defined (482)	723,197	5,012,340	45.7	4.5	40.0	24.3	3,082	Yes	
RO	Noise sensitive point: User defined (483)	723,203	5,012,333	45.3	4.5	40.0	24.3	3,080	Yes	
RP	Noise sensitive point: User defined (484)	723,213	5,012,332	44.9	4.5	40.0	24.3	3,085	Yes	
RQ	Noise sensitive point: User defined (485)	723,177	5,012,376	47.2	4.5	40.0	24.3	3,098	Yes	
RR	Noise sensitive point: User defined (486)	723,230	5,012,340	44.6	4.5	40.0	24.3	3,103	Yes	
RS	Noise sensitive point: User defined (487)	723,239	5,012,346	44.5	4.5	40.0	24.2	3,112	Yes	
RT	Noise sensitive point: User defined (488)	723,248	5,012,358	44.7	4.5	40.0	24.2	3,128	Yes	
RU	Noise sensitive point: User defined (489)	723,247	5,012,369	45.1	4.5	40.0	24.2	3,136	Yes	
RV	Noise sensitive point: User defined (490)	723,231	5,012,360	45.3	4.5	40.0	24.2	3,118	Yes	
RW	Noise sensitive point: User defined (491)	723,245	5,012,378	45.7	4.5	40.0	24.2	3,141	Yes	
RX	Noise sensitive point: User defined (492)	723,239	5,012,386	46.1	4.5	40.0	24.1	3,144	Yes	
RY	Noise sensitive point: User defined (493)	723,183	5,012,368	46.9	4.5	40.0	24.3	3,095	Yes	
RZ	Noise sensitive point: User defined (494)	723,199	5,012,369	46.5	4.5	40.0	24.2	3,105	Yes	
SA	Noise sensitive point: User defined (495)	723,206	5,012,358	46.0	4.5	40.0	24.3	3,101	Yes	
SB	Noise sensitive point: User defined (496)	723,194	5,012,350	46.1	4.5	40.0	24.3	3,087	Yes	
SC	Noise sensitive point: User defined (497)	723,545	5,007,695	4.8	4.5	40.0	30.7	1,763	Yes	
SD	Noise sensitive point: User defined (498)	723,570	5,007,643	10.3	4.5	40.0	30.6	1,790	Yes	
SE	Noise sensitive point: User defined (499)	723,370	5,012,591	47.1	4.5	40.0	23.5	3,386	Yes	
SF	Noise sensitive point: User defined (500)	723,138	5,012,348	47.5	4.5	40.0	24.4	3,052	Yes	
SG	Noise sensitive point: User defined (501)	722,706	5,006,186	42.0	4.5	40.0	33.1	1,236	Yes	
SH	Noise sensitive point: User defined (502)	722,717	5,006,205	42.0	4.5	40.0	33.1	1,240	Yes	
SI	Noise sensitive point: User defined (503)	722,748	5,006,277	42.0	4.5	40.0	33.1	1,242	Yes	
SJ	Noise sensitive point: User defined (504)	723,190	5,006,673	40.9	4.5	40.0	31.7	1,548	Yes	
SK	Noise sensitive point: User defined (505)	723,353	5,007,007	38.3	4.5	40.0	31.2	1,647	Yes	
SL	Noise sensitive point: User defined (506)	724,210	5,007,703	16.4	4.5	40.0	28.3	2,427	Yes	
SM	Noise sensitive point: User defined (507)	723,242	5,007,741	10.2	4.5	40.0	31.9	1,459	Yes	
SN	Noise sensitive point: User defined (508)	722,552	5,009,267	29.0	4.5	40.0	34.0	899	Yes	
SO	Noise sensitive point: User defined (509)	722,497	5,009,308	35.3	4.5	40.0	34.3	851	Yes	
SP	Noise sensitive point: User defined (510)	721,473	5,011,206	65.4	4.5	40.0	30.9	1,232	Yes	

Distances (m)

NSA	WTG									
	1	2	3	4	5	6	7	8	9	10
A	1708	1307	2148	2826	3403	4169	3394	4350	5042	5667
B	1433	1073	1882	2575	3161	3924	3119	4079	4788	5410
C	1440	1045	1876	2557	3139	3903	3125	4078	4772	5396
D	1156	829	1606	2306	2899	3660	2842	3801	4517	5137
E	4324	4551	3790	3045	2454	1689	2973	2074	923	636
F	4129	4367	3597	2855	2272	1504	2769	1875	719	512
G	4497	4240	4026	3383	2907	2736	4165	3890	3070	3390
H	4491	4229	4023	3383	2912	2750	4173	3906	3093	3417
I	4484	4216	4018	3382	2916	2763	4179	3920	3114	3443
J	4476	4204	4012	3381	2918	2773	4184	3932	3133	3465
K	4278	3945	3844	3268	2869	2844	4154	4011	3320	3713
L	7066	7290	6535	5791	5196	4434	5629	4644	3622	3069
M	4312	4016	3860	3251	2816	2731	4094	3896	3156	3524
N	6111	6242	5568	4801	4183	3459	4846	3949	2800	2405
O	4771	4524	4294	3638	3144	2925	4389	4064	3187	3460
P	4797	4865	4254	3483	2859	2200	3716	2967	1803	1727
Q	7022	7242	6490	5744	5147	4387	5594	4612	3581	3034
R	7042	7261	6510	5764	5167	4406	5615	4634	3601	3056
S	7060	7277	6527	5781	5183	4423	5634	4652	3619	3074
T	7076	7293	6543	5797	5199	4439	5651	4669	3636	3091

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

WTG	1	2	3	4	5	6	7	8	9	10
NSA										
U	7092	7308	6559	5812	5214	4454	5668	4687	3652	3108
V	7111	7326	6578	5831	5232	4473	5688	4707	3672	3128
W	7127	7341	6594	5846	5248	4489	5705	4725	3689	3146
X	7153	7365	6620	5872	5272	4514	5733	4753	3715	3174
Y	7177	7391	6644	5896	5297	4538	5754	4774	3738	3195
Z	7191	7405	6658	5911	5312	4553	5766	4785	3751	3207
AA	7208	7424	6675	5928	5330	4571	5781	4798	3767	3221
AB	7229	7446	6697	5950	5352	4592	5803	4820	3789	3243
AC	7217	7432	6684	5937	5339	4579	5792	4811	3778	3233
AD	7205	7419	6672	5925	5326	4567	5783	4802	3767	3223
AE	7194	7406	6660	5913	5313	4554	5772	4792	3756	3213
AF	7181	7392	6648	5899	5300	4541	5762	4782	3744	3203
AG	7163	7373	6629	5880	5280	4522	5746	4767	3726	3187
AH	7152	7362	6618	5870	5270	4512	5735	4757	3716	3177
AI	7132	7344	6599	5851	5251	4493	5715	4736	3696	3156
AJ	7118	7329	6584	5836	5237	4478	5699	4720	3680	3140
AK	7098	7311	6564	5817	5218	4459	5678	4698	3660	3119
AL	7080	7294	6547	5800	5201	4442	5659	4680	3642	3100
AM	7063	7277	6530	5782	5184	4425	5641	4661	3624	3082
AN	7046	7262	6514	5767	5169	4409	5623	4643	3607	3064
AO	7031	7247	6498	5752	5154	4394	5607	4626	3591	3047
AP	7023	7240	6491	5744	5146	4386	5599	4618	3584	3039
AQ	7005	7223	6473	5727	5129	4369	5580	4599	3565	3020
AR	6994	7213	6462	5716	5119	4358	5567	4585	3553	3007
AS	6990	7210	6458	5712	5116	4355	5561	4579	3548	3001
AT	7184	7399	6651	5904	5306	4546	5761	4780	3745	3201
AU	7199	7415	6666	5919	5321	4562	5774	4792	3759	3214
AV	7212	7429	6679	5933	5335	4575	5784	4801	3771	3224
AW	7224	7439	6691	5944	5346	4586	5798	4816	3784	3238
AX	7212	7426	6679	5932	5333	4574	5788	4807	3773	3228
AY	7199	7412	6665	5918	5319	4560	5777	4796	3760	3217
AZ	7187	7399	6653	5905	5306	4547	5767	4787	3749	3208
BA	4856	4944	4312	3541	2917	2236	3730	2950	1776	1648
BB	4436	4282	3930	3222	2675	2350	3868	3460	2536	2796
BC	5667	5858	5130	4374	3769	3016	4317	3382	2269	1810
BD	6146	6359	5612	4864	4266	3506	4745	3780	2715	2196
BE	7203	7424	6671	5926	5330	4569	5769	4784	3760	3208
BF	7164	7377	6631	5883	5284	4525	5743	4763	3726	3184
BG	7138	7351	6605	5857	5258	4499	5717	4737	3700	3158
BH	5520	5706	4981	4225	3618	2868	4181	3254	2131	1691
BI	7118	7333	6585	5838	5239	4480	5696	4715	3680	3136
BJ	5557	5744	5019	4262	3656	2905	4216	3288	2167	1723
BK	5530	5726	4993	4239	3635	2881	4176	3242	2129	1672
BL	4766	4830	4223	3452	2828	2175	3696	2957	1796	1737
BM	4765	4683	4240	3497	2907	2441	4004	3455	2406	2537
BN	5497	5689	4959	4205	3600	2847	4149	3218	2100	1651
BO	5945	6136	5408	4653	4047	3295	4584	3640	2539	2061
BP	6154	6374	5622	4876	4279	3518	4744	3775	2718	2191
BQ	7131	7356	6600	5856	5261	4499	5694	4708	3687	3133
BR	5461	5666	4925	4174	3573	2815	4092	3152	2048	1578
BS	4351	4085	3886	3252	2790	2654	4057	3815	3032	3379
BT	7143	7354	6610	5861	5261	4503	5726	4747	3707	3167
BU	3916	3595	3480	2907	2520	2539	3807	3704	3078	3512
BV	5506	5710	4970	4218	3617	2860	4138	3198	2094	1623
BW	5801	5988	5263	4507	3901	3150	4452	3515	2405	1942
BX	3325	2923	2944	2489	2249	2501	3503	3608	3223	3750
BY	2395	1938	2081	1808	1809	2341	2899	3265	3221	3828
BZ	2443	1990	2123	1835	1819	2337	2924	3274	3211	3816
CA	2490	2054	2156	1837	1792	2288	2921	3245	3154	3755
CB	4819	4602	4331	3654	3138	2868	4361	3990	3072	3315
CC	4472	4320	3965	3257	2708	2377	3898	3483	2551	2804
CD	7455	7657	6920	6169	5567	4811	6045	5067	4023	3487
CE	4332	4045	3875	3259	2816	2714	4090	3879	3124	3485
CF	7682	7851	7143	6384	5773	5028	6318	5357	4279	3773
CG	7531	7757	7001	6257	5662	4901	6086	5095	4085	3525
CH	4764	4455	4314	3705	3261	3136	4533	4295	3490	3807

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DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

WTG	1	2	3	4	5	6	7	8	9	10
NSA										
CI	4868	4916	4326	3556	2933	2294	3824	3094	1936	1876
CJ	4787	4831	4245	3475	2852	2220	3755	3038	1886	1852
CK	5366	5529	4826	4064	3451	2711	4074	3177	2027	1649
CL	4569	4450	4053	3327	2757	2365	3909	3437	2453	2660
CM	4595	4540	4066	3315	2717	2225	3791	3228	2175	2317
CN	6161	6296	5619	4853	4234	3508	4889	3987	2841	2438
CO	8001	8162	7461	6701	6088	5346	6644	5684	4603	4100
CP	5614	5788	5074	4315	3705	2959	4292	3373	2242	1815
CQ	7414	7615	6879	6128	5525	4770	6008	5032	3984	3450
CR	2740	2301	2398	2047	1947	2380	3119	3386	3213	3797
CS	7651	7864	7118	6371	5772	5013	6223	5238	4211	3662
CT	2705	2265	2365	2018	1926	2368	3092	3367	3206	3792
CU	4193	4023	3693	2998	2469	2204	3689	3340	2483	2801
CV	2881	2454	2526	2142	2001	2387	3201	3424	3196	3767
CW	4471	4376	3949	3214	2634	2213	3765	3273	2279	2486
CX	4500	4414	3976	3237	2653	2216	3773	3264	2258	2451
CY	4324	4178	3816	3106	2557	2235	3750	3348	2437	2715
CZ	4865	5008	4323	3556	2939	2213	3635	2789	1614	1373
DA	6155	6392	5625	4885	4295	3530	4718	3738	2708	2158
DB	5962	6167	5426	4676	4075	3317	4578	3622	2540	2039
DC	6879	7095	6346	5599	5001	4241	5457	4478	3440	2898
DD	7175	7385	6641	5893	5293	4535	5757	4777	3738	3198
DE	4600	4532	4073	3327	2733	2261	3824	3279	2239	2392
DF	4609	4593	4074	3313	2702	2155	3719	3102	2012	2107
DG	5046	4780	4576	3928	3440	3222	4687	4358	3463	3713
DH	5568	5740	5029	4269	3658	2914	4253	3338	2203	1785
DI	4179	3889	3726	3116	2684	2611	3962	3777	3057	3442
DJ	5031	4776	4557	3901	3406	3173	4647	4305	3400	3643
DK	3987	3670	3548	2969	2573	2573	3859	3739	3093	3516
DL	4919	4681	4439	3774	3269	3022	4503	4150	3242	3487
DM	5672	5850	5133	4375	3765	3018	4343	3418	2293	1855
DN	4978	5033	4435	3665	3041	2391	3911	3161	1995	1895
DO	5447	5570	4904	4135	3515	2799	4222	3361	2192	1879
DP	4582	4637	4040	3269	2646	2009	3545	2837	1694	1703
DQ	4138	3941	3647	2971	2464	2252	3705	3402	2587	2931
DR	2459	1999	2144	1863	1850	2368	2953	3305	3241	3845
DS	7642	7818	7104	6346	5737	4989	6267	5302	4231	3718
DT	7688	7863	7150	6392	5782	5036	6315	5351	4279	3766
DU	5339	5501	4798	4036	3423	2684	4049	3154	2002	1629
DV	5214	5368	4672	3908	3293	2559	3943	3062	1901	1563
DW	5280	5420	4737	3971	3353	2627	4031	3161	1995	1674
DX	5352	5485	4810	4042	3423	2702	4116	3250	2082	1766
DY	7646	7862	7114	6367	5769	5009	6213	5226	4204	3652
DZ	7672	7888	7139	6393	5795	5035	6239	5252	4230	3678
EA	7596	7810	7063	6316	5717	4958	6168	5183	4156	3607
EB	4992	5134	4450	3683	3066	2340	3756	2903	1730	1460
EC	4183	3915	3720	3093	2641	2535	3914	3699	2954	3327
ED	6759	6993	6229	5489	4897	4133	5314	4327	3311	2753
EE	6021	6304	5501	4781	4213	3444	4521	3519	2571	1973
EF	6045	6333	5527	4809	4244	3475	4539	3535	2597	1995
EG	4427	4140	3970	3351	2902	2787	4175	3950	3176	3524
EH	3802	3475	3370	2807	2436	2486	3722	3647	3056	3507
EI	3777	3446	3348	2791	2425	2486	3712	3646	3066	3521
EJ	3739	3401	3314	2765	2410	2489	3695	3645	3083	3545
EK	4884	4629	4410	3757	3266	3046	4511	4184	3299	3561
EL	4877	4619	4404	3753	3264	3050	4511	4190	3309	3575
EM	4148	3853	3697	3092	2666	2605	3946	3772	3065	3456
EN	5283	5429	4741	3976	3359	2630	4025	3149	1985	1653
EO	3021	2607	2654	2238	2056	2394	3280	3459	3176	3733
EP	3052	2641	2682	2260	2070	2397	3299	3468	3172	3727
EQ	4160	3981	3663	2975	2453	2209	3682	3351	2512	2842
ER	4623	4684	4080	3310	2686	2040	3570	2849	1699	1686
ES	4604	4629	4064	3296	2676	2075	3627	2956	1833	1878
ET	4468	4218	3995	3347	2867	2690	4123	3843	3020	3340
EU	4598	4617	4059	3292	2673	2080	3635	2972	1854	1909
EV	6468	6719	5941	5207	4622	3856	5005	4013	3016	2445

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DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

WTG	1	2	3	4	5	6	7	8	9	10
NSA	1	2	3	4	5	6	7	8	9	10
EW	6231	6489	5705	4974	4393	3625	4762	3770	2778	2203
EX	4399	4150	3926	3279	2801	2632	4059	3787	2976	3306
EY	4385	4083	3935	3329	2895	2808	4173	3973	3225	3587
EZ	4089	3786	3641	3046	2630	2590	3912	3758	3072	3475
FA	4076	3771	3630	3037	2625	2592	3908	3759	3079	3485
FB	4713	4790	4170	3398	2775	2109	3620	2869	1705	1637
FC	4560	4490	4032	3287	2695	2227	3790	3251	2218	2382
FD	4777	4534	4300	3640	3144	2918	4386	4055	3173	3442
FE	7159	7383	6628	5883	5288	4526	5723	4737	3715	3162
FF	4955	5009	4412	3642	3019	2370	3892	3146	1982	1890
FG	4273	3980	3820	3210	2775	2691	4052	3857	3120	3493
FH	4016	3701	3576	2994	2595	2587	3880	3753	3098	3516
FI	4039	3727	3597	3011	2607	2590	3891	3756	3092	3506
FJ	4100	3811	3646	3039	2610	2548	3890	3716	3012	3407
FK	3631	3264	3223	2709	2395	2535	3674	3679	3176	3660
FL	4118	3836	3662	3049	2613	2539	3891	3705	2990	3380
FM	4804	4557	4327	3670	3176	2953	4419	4091	3209	3477
FN	4131	3873	3664	3031	2573	2459	3843	3623	2878	3254
FO	4881	4975	4338	3567	2943	2257	3744	2956	1781	1636
FP	4895	4983	4352	3581	2957	2276	3769	2986	1813	1676
FQ	4890	4975	4346	3575	2952	2273	3768	2989	1816	1685
FR	4915	4973	4372	3601	2978	2326	3846	3098	1934	1844
FS	4925	4984	4383	3612	2988	2335	3854	3104	1939	1845
FT	4516	4410	3997	3266	2691	2283	3832	3349	2360	2567
FU	4574	4467	4055	3324	2748	2337	3887	3397	2400	2595
FV	4542	4456	4018	3278	2693	2252	3809	3294	2280	2463
FW	4578	4487	4055	3318	2734	2297	3854	3342	2328	2508
FX	4615	4519	4093	3357	2776	2343	3899	3389	2374	2551
FY	4596	4495	4076	3342	2764	2341	3895	3395	2389	2574
FZ	4623	4519	4103	3370	2792	2371	3924	3424	2415	2598
GA	4638	4537	4117	3382	2802	2373	3929	3421	2407	2583
GB	4583	4509	4057	3313	2721	2258	3820	3283	2251	2413
GC	4360	4226	3849	3133	2577	2232	3757	3335	2405	2667
GD	4706	4739	4165	3397	2776	2160	3705	3011	1873	1878
GE	4250	4081	3749	3053	2521	2246	3737	3378	2507	2814
GF	6778	7006	6247	5505	4911	4148	5342	4358	3334	2782
GG	7761	7933	7222	6464	5853	5108	6392	5428	4354	3844
GH	2341	1867	2041	1799	1830	2384	2894	3286	3271	3882
GI	4236	3940	3784	3178	2747	2673	4026	3840	3114	3494
GJ	3852	3504	3430	2886	2531	2601	3817	3760	3180	3632
GK	5713	5917	5177	4426	3825	3067	4337	3389	2295	1809
GL	3581	3194	3186	2696	2409	2586	3681	3721	3251	3747
GM	3609	3224	3213	2720	2428	2597	3701	3733	3255	3748
GN	4892	4965	4349	3578	2954	2287	3795	3031	1861	1752
GO	6176	6444	5653	4925	4349	3581	4695	3698	2723	2139
GP	6150	6418	5627	4900	4324	3555	4668	3672	2697	2112
GQ	6201	6465	5676	4948	4369	3601	4724	3729	2748	2167
GR	6223	6487	5699	4970	4391	3623	4747	3752	2770	2190
GS	6488	6741	5961	5228	4645	3878	5020	4027	3035	2462
GT	4539	4448	4016	3279	2696	2262	3818	3311	2302	2490
GU	4431	4150	3971	3347	2893	2768	4163	3929	3148	3492
GV	6200	6412	5666	4917	4318	3559	4800	3835	2770	2251
GW	3554	3164	3161	2676	2394	2580	3664	3712	3252	3752
GX	3538	3146	3146	2664	2386	2578	3655	3708	3254	3756
GY	6852	7075	6320	5575	4980	4218	5421	4439	3409	2861
GZ	4486	4192	4032	3417	2972	2860	4245	4022	3246	3590
HA	3527	3141	3132	2644	2360	2547	3631	3678	3221	3723
HB	3552	3168	3155	2663	2375	2554	3648	3688	3222	3721
HC	6665	6906	6137	5398	4810	4044	5213	4224	3216	2652
HD	4245	4049	3753	3074	2561	2330	3796	3475	2635	2959
HE	4072	3834	3596	2949	2477	2341	3741	3503	2748	3124
HF	4784	4544	4304	3642	3143	2911	4382	4046	3158	3424
HG	4789	4553	4308	3644	3142	2904	4379	4038	3145	3407
HH	4795	4563	4313	3646	3141	2897	4376	4029	3131	3389
HI	4441	4191	3968	3320	2840	2666	4097	3820	3001	3325
HJ	7334	7547	6801	6053	5454	4695	5909	4926	3894	3349

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DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

WTG	1	2	3	4	5	6	7	8	9	10
NSA										
HK	7251	7469	6718	5973	5375	4615	5819	4835	3809	3259
HL	4430	4270	3925	3221	2678	2365	3877	3479	2563	2829
HM	5906	6109	5370	4619	4017	3260	4527	3575	2488	1993
HN	5847	6048	5311	4559	3956	3200	4475	3527	2433	1946
HO	6087	6324	5557	4817	4227	3463	4652	3673	2640	2092
HP	4459	4196	3991	3352	2882	2725	4144	3881	3074	3403
HQ	4456	4190	3990	3354	2887	2736	4151	3893	3091	3422
HR	6055	6292	5525	4785	4196	3431	4619	3641	2608	2060
HS	4690	4465	4206	3536	3029	2785	4263	3919	3029	3298
HT	6690	6928	6161	5422	4832	4067	5240	4252	3241	2679
HU	5210	5298	4667	3896	3272	2586	4065	3259	2081	1875
HV	4985	5092	4441	3671	3048	2349	3814	3000	1823	1626
HW	6023	6183	5483	4720	4107	3368	4713	3793	2663	2230
HX	5743	5927	5205	4448	3840	3091	4401	3470	2353	1900
HY	4529	4452	4004	3262	2673	2221	3780	3256	2236	2414
HZ	5355	5494	4813	4046	3428	2703	4108	3236	2071	1743
IA	5433	5563	4890	4122	3503	2782	4196	3327	2161	1837
IB	5448	5615	4907	4146	3535	2792	4143	3237	2094	1697
IC	6680	6916	6151	5411	4820	4056	5235	4248	3232	2674
ID	6811	7037	6280	5536	4942	4179	5377	4394	3367	2817
IE	1998	1454	1779	1712	1898	2550	2798	3326	3466	4095
IF	1980	1427	1770	1718	1916	2573	2802	3340	3491	4121
IG	2186	1688	1914	1737	1833	2432	2834	3283	3335	3955
IH	2621	2190	2278	1933	1850	2308	3008	3295	3156	3747
II	2647	2212	2307	1963	1880	2334	3039	3324	3179	3769
IJ	2541	2090	2217	1911	1869	2362	2996	3321	3224	3822
IK	2581	2131	2253	1937	1884	2364	3020	3334	3221	3817
IL	2628	2183	2295	1967	1898	2364	3047	3345	3214	3806
IM	2678	2237	2340	1999	1914	2364	3075	3358	3207	3795
IN	2691	2260	2346	1992	1894	2334	3063	3335	3172	3758
IO	2757	2331	2407	2037	1920	2339	3103	3354	3166	3747
IP	2812	2388	2457	2078	1947	2349	3139	3376	3168	3744
IQ	2835	2413	2479	2094	1956	2350	3153	3382	3165	3740
IR	2849	2428	2492	2105	1963	2353	3162	3387	3165	3738
IS	2881	2462	2522	2128	1978	2358	3183	3399	3164	3735
IT	2943	2521	2584	2187	2028	2394	3239	3444	3192	3757
IU	3003	2581	2643	2239	2070	2421	3287	3480	3209	3769
IV	2966	2547	2604	2201	2035	2392	3250	3447	3185	3748
IW	3057	2656	2682	2249	2048	2366	3282	3441	3136	3689
IX	3099	2692	2726	2296	2094	2406	3329	3485	3172	3721
IY	3126	2719	2752	2319	2112	2417	3350	3500	3178	3725
IZ	3164	2763	2785	2340	2121	2409	3365	3499	3160	3702
JA	3160	2754	2785	2348	2136	2432	3377	3519	3187	3731
JB	3215	2807	2839	2398	2179	2463	3423	3556	3208	3746
JC	3257	2853	2879	2431	2202	2472	3451	3571	3207	3741
JD	3338	2942	2952	2488	2239	2480	3497	3591	3197	3721
JE	3283	2880	2903	2452	2219	2482	3470	3584	3212	3743
JF	3365	2964	2983	2523	2277	2519	3534	3630	3234	3756
JG	3419	3019	3034	2569	2314	2542	3575	3659	3246	3762
JH	3510	3123	3117	2632	2353	2546	3622	3675	3225	3729
JI	3490	3094	3102	2628	2360	2568	3626	3692	3256	3764
JJ	3579	3199	3180	2683	2388	2556	3662	3693	3216	3711
JK	3698	3327	3292	2778	2462	2594	3741	3740	3223	3702
JL	3649	3289	3237	2715	2391	2519	3672	3665	3150	3630
JM	3713	3369	3291	2750	2404	2496	3688	3650	3101	3569
JN	3685	3335	3267	2732	2394	2500	3678	3652	3116	3589
JO	3726	3376	3308	2772	2431	2529	3715	3682	3135	3604
JP	3861	3527	3432	2873	2504	2552	3790	3714	3116	3562
JO	3860	3542	3423	2851	2466	2493	3753	3656	3042	3483
JR	3964	3617	3540	2988	2623	2670	3910	3832	3224	3662
JS	3956	3644	3516	2934	2537	2537	3822	3702	3059	3484
JT	3976	3643	3545	2981	2601	2627	3888	3791	3165	3595
JU	4001	3692	3558	2971	2567	2553	3852	3720	3061	3479
JV	4024	3719	3579	2988	2580	2557	3864	3724	3056	3469
JW	4057	3748	3614	3025	2618	2595	3902	3762	3091	3502
JX	4061	3762	3612	3014	2596	2556	3879	3723	3039	3444

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

WTG	1	2	3	4	5	6	7	8	9	10
NSA										
JY	4473	4231	3997	3343	2857	2667	4109	3817	2985	3299
JZ	4509	4257	4036	3389	2908	2728	4164	3880	3052	3367
KA	4629	4356	4164	3529	3061	2898	4323	4052	3227	3538
KB	4077	3782	3626	3024	2602	2554	3884	3721	3029	3431
KC	4125	3846	3666	3049	2609	2528	3886	3694	2973	3360
KD	4381	4096	3924	3305	2857	2746	4130	3909	3143	3496
KE	4567	4336	4086	3423	2924	2705	4167	3847	2985	3277
KF	4542	4278	4074	3435	2962	2797	4223	3951	3130	3448
KG	4536	4267	4070	3434	2966	2808	4229	3964	3150	3471
KH	4532	4259	4067	3435	2970	2819	4234	3975	3167	3491
KI	4521	4243	4060	3431	2971	2830	4238	3988	3188	3517
KJ	4608	4339	4142	3505	3034	2867	4295	4021	3195	3506
KK	4687	4432	4214	3564	3079	2881	4330	4027	3171	3461
KL	4674	4406	4206	3566	3092	2915	4350	4066	3227	3529
KM	4688	4415	4222	3585	3114	2942	4373	4094	3258	3561
KN	4705	4432	4239	3602	3130	2957	4389	4108	3270	3570
KO	4765	4494	4298	3658	3182	2999	4439	4147	3297	3587
KP	4814	4548	4345	3701	3220	3025	4473	4170	3307	3588
KQ	4722	4459	4252	3608	3128	2939	4383	4087	3235	3527
KR	4795	4536	4323	3675	3190	2986	4440	4130	3262	3541
KS	4797	4545	4323	3670	3179	2965	4425	4105	3229	3502
KT	4753	4494	4281	3633	3149	2950	4400	4095	3233	3517
KU	4812	4569	4333	3673	3175	2945	4415	4080	3192	3455
KV	4766	4514	4292	3639	3149	2938	4397	4080	3209	3486
KW	4852	4620	4369	3700	3193	2942	4425	4070	3163	3412
KX	4855	4638	4368	3691	3173	2901	4396	4022	3100	3337
KY	4796	4570	4311	3640	3130	2875	4360	4003	3098	3351
KZ	4922	4709	4433	3752	3230	2945	4448	4060	3124	3348
LA	4976	4765	4485	3802	3277	2983	4490	4093	3147	3361
LB	5021	4817	4527	3839	3309	3001	4515	4104	3144	3346
LC	4141	3875	3676	3048	2597	2492	3869	3657	2918	3296
LD	4114	3862	3644	3006	2543	2422	3812	3586	2837	3212
LE	4091	3847	3618	2975	2507	2377	3773	3540	2787	3163
LF	4090	3890	3601	2928	2426	2228	3671	3382	2582	2937
LG	4106	3914	3614	2935	2425	2211	3665	3361	2548	2895
LH	4154	3966	3660	2977	2462	2233	3697	3379	2551	2887
LI	4123	3940	3627	2942	2425	2193	3658	3339	2512	2851
LJ	4169	3994	3671	2980	2455	2203	3680	3343	2497	2823
LK	4183	4011	3684	2991	2464	2205	3686	3343	2491	2812
LL	4231	4052	3733	3044	2520	2264	3744	3402	2546	2863
LM	4217	4049	3716	3020	2488	2217	3705	3350	2486	2798
LN	4164	3998	3663	2968	2437	2171	3656	3308	2454	2775
LO	4247	4086	3745	3045	2508	2222	3719	3351	2473	2776
LP	4291	4133	3787	3084	2544	2247	3750	3370	2480	2772
LQ	4255	4102	3749	3044	2501	2199	3704	3322	2433	2728
LR	4347	4196	3840	3132	2586	2268	3781	3383	2472	2748
LS	4368	4236	3857	3139	2581	2232	3759	3333	2398	2657
LT	4536	4379	4030	3323	2775	2445	3966	3549	2610	2854
LU	4482	4342	3972	3257	2701	2350	3879	3447	2500	2742
LV	4334	4213	3819	3096	2533	2168	3701	3264	2323	2581
LW	4408	4291	3892	3168	2600	2221	3760	3307	2348	2587
LX	4561	4434	4047	3325	2760	2381	3921	3460	2486	2702
LY	4428	4317	3911	3183	2613	2223	3766	3302	2335	2565
LZ	4361	4259	3842	3111	2537	2141	3685	3219	2254	2492
MA	4598	4487	4079	3349	2775	2366	3915	3427	2429	2623
MB	4503	4404	3982	3248	2670	2253	3804	3313	2319	2522
MC	4462	4362	3942	3210	2633	2223	3772	3289	2303	2517
MD	4672	4585	4148	3408	2822	2371	3931	3401	2369	2525
ME	4679	4632	4148	3395	2793	2284	3850	3266	2195	2308
MF	4702	4617	4178	3437	2848	2391	3952	3416	2377	2524
MG	4660	4598	4132	3383	2786	2299	3864	3302	2247	2380
MH	4818	4746	4291	3544	2950	2466	4031	3464	2399	2509
MI	4642	4597	4110	3356	2754	2243	3809	3226	2158	2277
MJ	4613	4576	4080	3325	2720	2201	3767	3177	2105	2223
MK	4596	4596	4058	3295	2680	2111	3672	3034	1932	2011
ML	4632	4632	4094	3330	2715	2142	3703	3060	1953	2021

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

WTG	1	2	3	4	5	6	7	8	9	10
NSA	1	2	3	4	5	6	7	8	9	10
MM	4638	4645	4099	3334	2718	2137	3696	3045	1932	1991
MN	4595	4605	4056	3290	2673	2091	3650	2999	1889	1956
MO	4633	4648	4093	3327	2709	2118	3673	3011	1893	1942
MP	4634	4652	4094	3327	2708	2113	3667	3001	1879	1924
MQ	4601	4631	4060	3292	2672	2063	3613	2934	1807	1845
MR	4638	4666	4097	3329	2709	2101	3651	2971	1841	1871
MS	4614	4654	4072	3303	2681	2060	3604	2912	1777	1797
MT	4642	4673	4101	3333	2712	2100	3648	2963	1831	1856
MU	4644	4682	4102	3333	2712	2092	3636	2943	1806	1821
MV	4650	4691	4108	3338	2717	2092	3634	2935	1795	1803
MW	4833	4856	4293	3525	2905	2295	3842	3147	2006	1992
MX	4824	4856	4283	3514	2893	2272	3814	3108	1961	1935
MY	4681	4732	4138	3368	2745	2108	3642	2926	1778	1761
MZ	4746	4814	4203	3432	2808	2151	3670	2926	1765	1704
NA	4845	4922	4301	3530	2906	2237	3743	2978	1809	1704
NB	4823	4895	4280	3509	2885	2221	3733	2977	1810	1721
NC	4803	4880	4259	3488	2864	2195	3703	2941	1774	1680
ND	4895	4973	4352	3580	2956	2285	3788	3017	1846	1727
NE	4889	4956	4345	3574	2951	2290	3804	3048	1880	1782
NF	4988	5049	4445	3674	3051	2395	3910	3153	1984	1873
NG	4907	4998	4364	3593	2969	2286	3775	2988	1813	1668
NH	4899	4997	4355	3584	2961	2270	3750	2954	1778	1619
NI	6714	6950	6184	5445	4854	4090	5266	4278	3265	2705
NJ	4902	4649	4427	3772	3279	3055	4522	4191	3301	3560
NK	1981	1448	1753	1676	1859	2511	2763	3287	3428	4057
NL	1945	1402	1730	1676	1877	2538	2759	3299	3456	4087
NM	4304	4017	3848	3233	2790	2693	4066	3858	3109	3474
NN	4130	3952	3633	2944	2423	2182	3652	3325	2492	2827
NO	4116	3930	3622	2940	2425	2200	3661	3348	2527	2869
NP	4699	4420	4236	3605	3138	2977	4401	4130	3301	3606
NQ	4401	4117	3943	3321	2872	2755	4143	3917	3145	3495
NR	4466	4301	3963	3262	2721	2411	3922	3525	2608	2871
NS	4912	5004	4368	3597	2974	2288	3775	2986	1810	1661
NT	2234	1745	1953	1754	1829	2415	2851	3282	3313	3930
NU	4186	3990	3694	3016	2505	2284	3743	3431	2604	2938
NV	2144	1637	1882	1727	1843	2454	2823	3289	3360	3982
NW	4349	4056	3895	3283	2844	2749	4119	3913	3162	3524
NX	4220	3963	3752	3116	2653	2524	3921	3686	2921	3283
NY	4969	5029	4426	3655	3031	2375	3891	3136	1968	1862
NZ	4513	4267	4037	3385	2899	2708	4151	3858	3021	3331
OA	6803	7032	6272	5530	4937	4174	5364	4379	3357	2803
OB	6793	7024	6263	5521	4928	4165	5353	4367	3347	2792
OC	6752	6982	6222	5480	4887	4124	5314	4329	3307	2753
OD	6728	6960	6197	5456	4864	4100	5287	4301	3281	2726
OE	6550	6796	6022	5286	4699	3933	5092	4102	3099	2532
OF	6475	6729	5949	5216	4633	3866	5007	4013	3022	2448
OG	6369	6630	5844	5114	4534	3766	4894	3899	2916	2337
OH	6499	6748	5972	5237	4652	3885	5038	4047	3047	2478
OI	6353	6604	5826	5092	4508	3741	4890	3899	2901	2330
OJ	6166	6431	5642	4914	4336	3568	4690	3695	2713	2132
OK	6128	6393	5604	4875	4298	3529	4652	3658	2675	2095
OL	6125	6394	5602	4875	4300	3531	4643	3646	2672	2087
OM	6776	7008	6246	5504	4912	4149	5334	4348	3329	2773
ON	5993	6270	5471	4749	4178	3409	4501	3502	2541	1949
OO	6838	7066	6307	5564	4970	4208	5402	4418	3393	2841
OP	6909	7133	6377	5633	5038	4276	5475	4492	3465	2915
OQ	6993	7216	6461	5717	5122	4360	5558	4574	3549	2998
OR	7042	7268	6511	5768	5173	4411	5604	4618	3597	3043
OS	7229	7450	6697	5952	5355	4595	5797	4812	3787	3236
OT	7277	7494	6744	5998	5400	4640	5847	4864	3836	3287
OU	7285	7498	6752	6004	5405	4646	5861	4879	3846	3301
OV	7315	7530	6783	6036	5437	4678	5889	4906	3875	3329
OW	7318	7529	6784	6036	5437	4678	5896	4915	3880	3337
OX	7337	7547	6803	6055	5455	4697	5917	4937	3900	3358
OY	7359	7571	6826	6078	5478	4720	5937	4955	3921	3377
OZ	7378	7588	6845	6096	5496	4738	5959	4978	3941	3399

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

WTG	1	2	3	4	5	6	7	8	9	10
NSA	1	2	3	4	5	6	7	8	9	10
PA	7361	7569	6827	6078	5477	4720	5945	4965	3926	3386
PB	7394	7602	6860	6111	5510	4753	5977	4997	3958	3418
PC	7381	7586	6846	6096	5495	4738	5967	4989	3947	3408
PD	7407	7613	6872	6123	5521	4764	5992	5012	3972	3433
PE	7395	7598	6860	6110	5507	4751	5984	5007	3962	3426
PF	7446	7641	6911	6158	5553	4799	6047	5074	4020	3492
PG	7464	7662	6929	6177	5573	4818	6061	5086	4036	3504
PH	7422	7626	6887	6137	5535	4779	6010	5032	3989	3452
PI	7477	7680	6942	6192	5590	4833	6064	5085	4043	3505
PJ	7491	7693	6957	6206	5603	4847	6082	5105	4060	3524
PK	7510	7713	6975	6225	5622	4866	6098	5119	4077	3539
PL	7498	7704	6964	6214	5613	4856	6083	5103	4064	3524
PM	7528	7735	6994	6245	5644	4887	6109	5128	4092	3549
PN	7535	7740	7001	6251	5649	4892	6120	5141	4101	3561
PO	7556	7762	7021	6272	5671	4914	6138	5158	4120	3579
PP	7543	7751	7009	6260	5660	4902	6122	5140	4106	3562
PQ	7570	7780	7036	6288	5688	4930	6146	5163	4132	3586
PR	7585	7793	7051	6302	5701	4944	6164	5182	4148	3604
PS	7606	7815	7072	6324	5723	4965	6182	5199	4168	3622
PT	7629	7841	7096	6348	5748	4990	6203	5219	4190	3643
PU	7678	7892	7145	6398	5799	5040	6247	5261	4237	3687
PV	7576	7791	7043	6296	5698	4939	6144	5158	4134	3584
PW	7546	7761	7013	6266	5668	4908	6115	5130	4104	3555
PX	7553	7772	7021	6276	5678	4918	6118	5132	4111	3558
PY	7528	7745	6995	6249	5651	4891	6094	5108	4085	3534
PZ	7537	7757	7005	6260	5663	4902	6099	5111	4093	3538
QA	7513	7732	6981	6235	5638	4878	6077	5090	4070	3517
QB	7516	7739	6984	6240	5644	4883	6075	5086	4071	3514
QC	7476	7701	6945	6201	5606	4845	6031	5041	4029	3471
QD	7504	7732	6974	6231	5637	4874	6057	5066	4057	3497
QE	7490	7685	6955	6202	5597	4843	6092	5118	4064	3536
QF	7515	7704	6978	6224	5617	4866	6123	5152	4093	3569
QG	7553	7737	7016	6260	5653	4903	6169	5201	4136	3617
QH	7548	7728	7011	6254	5646	4897	6170	5204	4135	3620
QI	7581	7762	7043	6287	5679	4930	6201	5234	4167	3650
QJ	7606	7785	7068	6311	5702	4954	6228	5263	4193	3678
QK	7610	7786	7072	6315	5705	4958	6239	5275	4202	3691
QL	7646	7820	7108	6350	5740	4993	6276	5313	4239	3729
QM	7730	7904	7192	6434	5824	5078	6360	5396	4323	3812
QN	7792	7962	7253	6494	5884	5138	6424	5461	4386	3877
QO	7758	7927	7220	6460	5849	5105	6393	5432	4355	3847
QP	7818	7988	7279	6520	5909	5164	6451	5489	4413	3904
QQ	7842	8005	7302	6542	5930	5187	6484	5525	4443	3940
QR	7820	7987	7281	6522	5910	5166	6458	5497	4419	3913
QS	7868	8036	7329	6570	5959	5214	6503	5541	4464	3956
QT	7935	8098	7395	6635	6023	5280	6577	5617	4537	4033
QU	7957	8120	7418	6658	6045	5303	6600	5640	4559	4055
QV	8019	8183	7480	6720	6108	5365	6659	5697	4619	4113
QW	8054	8214	7515	6754	6141	5400	6699	5739	4658	4155
QX	6617	6867	6090	5356	4771	4004	5150	4157	3164	2592
QY	6957	7181	6426	5681	5086	4324	5523	4540	3513	2963
QZ	7472	7695	6941	6196	5601	4839	6031	5043	4027	3471
RA	6705	6938	6175	5434	4842	4078	5262	4276	3257	2701
RB	6569	6813	6041	5304	4717	3951	5113	4123	3118	2552
RC	6587	6830	6059	5322	4734	3968	5132	4143	3137	2572
RD	6609	6851	6081	5343	4754	3989	5156	4168	3159	2596
RE	6628	6868	6099	5361	4772	4007	5177	4189	3179	2617
RF	6645	6884	6116	5377	4788	4023	5195	4207	3196	2635
RG	6665	6902	6136	5396	4806	4042	5218	4231	3217	2657
RH	4409	4159	3936	3289	2810	2640	4068	3795	2982	3310
RI	5768	6021	5241	4507	3925	3157	4317	3335	2317	1757
RJ	6082	6308	5550	4806	4213	3450	4662	3690	2641	2107
RK	4498	4340	3992	3286	2739	2414	3932	3522	2590	2842
RL	3712	3345	3302	2784	2461	2584	3742	3733	3208	3683
RM	5860	6049	5322	4567	3960	3209	4506	3566	2459	1990
RN	7646	7813	7107	6348	5736	4992	6286	5327	4246	3743

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Project:

Burchill_10_Turbine_2020

Licensed user:

Natural Forces Wind Inc
1801 Hollis Street, Suite 1205
CA-HALIFAX, Nova Scotia B3J 3N4
902 422 9663
Meg / mmorris@naturalforces.ca
Calculated:
2020-01-31 12:01 PM/3.1.633

DECIBEL - Main Result

Calculation: Noise: Worst Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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WTG	1	2	3	4	5	6	7	8	9	10
NSA										
RO	7643	7809	7104	6344	5732	4989	6284	5326	4243	3741
RP	7646	7812	7107	6347	5735	4992	6289	5331	4248	3746
RQ	7670	7840	7131	6372	5761	5016	6304	5343	4265	3758
RR	7661	7826	7122	6362	5750	5007	6305	5348	4264	3763
RS	7670	7834	7131	6371	5759	5016	6315	5358	4273	3773
RT	7686	7850	7147	6386	5774	5032	6331	5374	4289	3789
RU	7695	7859	7155	6395	5783	5040	6339	5381	4297	3796
RV	7679	7844	7140	6380	5768	5025	6322	5363	4281	3779
RW	7702	7866	7163	6402	5790	5047	6345	5387	4304	3802
RX	7706	7872	7167	6407	5795	5052	6348	5389	4307	3805
RY	7665	7835	7126	6367	5756	5012	6301	5341	4262	3756
RZ	7673	7841	7134	6374	5763	5019	6311	5351	4271	3766
SA	7666	7833	7127	6367	5756	5012	6306	5346	4265	3762
SB	7653	7821	7114	6355	5744	4999	6292	5333	4252	3748
SC	4402	4171	3921	3261	2768	2570	4017	3719	2886	3204
SD	4398	4159	3922	3268	2782	2598	4036	3750	2929	3253
SE	7949	8111	7409	6649	6036	5294	6591	5631	4551	4047
SF	7627	7800	7089	6330	5720	4974	6259	5297	4221	3713
SG	3066	2655	2697	2274	2083	2407	3312	3480	3181	3734
SH	3081	2673	2710	2282	2085	2403	3318	3479	3172	3723
SI	3128	2731	2747	2301	2083	2377	3326	3464	3132	3677
SJ	3662	3306	3247	2720	2391	2510	3673	3659	3135	3613
SK	3930	3616	3490	2910	2516	2523	3802	3688	3052	3482
SL	4995	4713	4532	3897	3422	3233	4679	4378	3508	3777
SM	4165	3970	3673	2994	2484	2264	3722	3412	2589	2926
SN	4691	4753	4148	3378	2754	2105	3631	2901	1747	1711
SO	4691	4763	4147	3376	2752	2092	3609	2865	1705	1652
SP	5939	6232	5421	4707	4144	3376	4427	3422	2493	1887

APPENDIX C:

WindPRO v3.1, Decibel Module Calculation Results:
Realistic Case

DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

Noise calculation model:

ISO 9613-2 General

Wind speed:

4.0 m/s - 12.0 m/s, step 1.0 m/s

Ground attenuation:

Alternative

Meteorological coefficient, CO:

0.0 dB

Type of demand in calculation:

1: WTG noise is compared to demand (DK, DE, SE, NL etc.)

Noise values in calculation:

All noise values are mean values (Lwa) (Normal)

Pure tones:

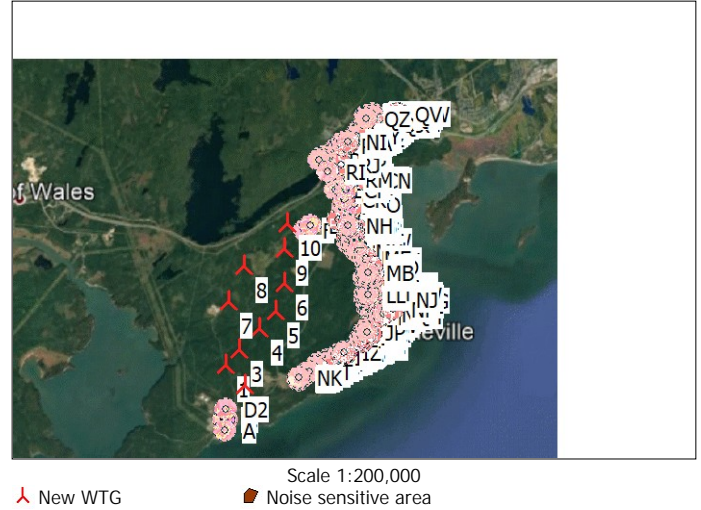
Fixed penalty added to source noise of WTGs with pure tones: 0.0 dB(A)

Height above ground level, when no value in NSA object:

4.5 m Don't allow override of model height with height from NSA object

Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:

0.0 dB(A)



WTGs

Easting	Northing	Z	Row data/Description	WTG type			Power, rated	Rotor diameter	Hub height	Noise data		First wind speed [m/s]	LwaRef [dB(A)]	Last wind speed [m/s]	LwaRef [dB(A)]	Pure tones
				Valid	Manufact.	Type-generator				Creator	Name					
1	719,709	5,005,535	64.0 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
2	720,289	5,005,088	53.0 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
3	720,016	5,005,984	77.3 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
4	720,470	5,006,608	68.4 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
5	720,839	5,007,111	61.6 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
6	720,981	5,007,866	52.0 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
7	719,557	5,007,215	54.0 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
8	719,859	5,008,188	58.0 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
9	720,873	5,008,786	62.9 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h
10	720,849	5,009,426	65.8 ENERCON E-141 EP4 4200 ...	Yes	ENERCON	E-141 EP4-4,200	4,200	141.0	135.0	USER	Level 0 - official - 0 s - 42000kW - 04/2016	4.0	99.1	12.0	105.5	No h

h) Generic octave distribution used

Calculation Results

Sound level

Noise sensitive area

No.	Name	Easting	Northing	Z	Imission height	Demands		Sound level	Distance to noise demand	Demands fulfilled ?
						Min Noise	Max From WTGs			
				[m]	[m]	[dB(A)]	[dB(A)]	[m]	Noise	
A	Noise sensitive point: User defined (1)	719,904	5,003,839	14.0	4.5	40.0	31.7	721	Yes	
B	Noise sensitive point: User defined (2)	719,848	5,004,109	26.4	4.5	40.0	34.0	478	Yes	
C	Noise sensitive point: User defined (3)	719,918	5,004,111	22.0	4.5	40.0	34.1	454	Yes	
D	Noise sensitive point: User defined (4)	719,846	5,004,387	30.9	4.5	40.0	36.8	232	Yes	
E	Noise sensitive point: User defined (5)	721,483	5,009,479	49.8	4.5	40.0	39.7	31	Yes	
F	Noise sensitive point: User defined (6)	721,351	5,009,324	56.9	4.5	40.0	42.7	-130	No	
G	Noise sensitive point: User defined (7)	723,705	5,007,599	21.8	4.5	40.0	26.1	2,112	Yes	
H	Noise sensitive point: User defined (8)	723,715	5,007,566	23.5	4.5	40.0	26.1	2,126	Yes	
I	Noise sensitive point: User defined (9)	723,724	5,007,532	25.5	4.5	40.0	26.0	2,138	Yes	
J	Noise sensitive point: User defined (10)	723,731	5,007,502	26.8	4.5	40.0	26.0	2,148	Yes	
K	Noise sensitive point: User defined (11)	723,708	5,007,057	58.0	4.5	40.0	26.1	2,199	Yes	
L	Noise sensitive point: User defined (12)	722,428	5,012,058	54.0	4.5	40.0	22.1	2,494	Yes	
M	Noise sensitive point: User defined (13)	723,650	5,007,287	35.5	4.5	40.0	26.3	2,097	Yes	
N	Noise sensitive point: User defined (14)	722,830	5,010,790	32.7	4.5	40.0	25.2	1,831	Yes	
O	Noise sensitive point: User defined (15)	723,905	5,007,805	23.1	4.5	40.0	25.3	2,303	Yes	
P	Noise sensitive point: User defined (16)	722,575	5,009,383	27.3	4.5	40.0	30.1	1,091	Yes	
Q	Noise sensitive point: User defined (17)	722,462	5,011,996	52.3	4.5	40.0	22.2	2,459	Yes	
R	Noise sensitive point: User defined (18)	722,479	5,012,010	51.9	4.5	40.0	22.1	2,481	Yes	
S	Noise sensitive point: User defined (19)	722,492	5,012,024	51.6	4.5	40.0	22.1	2,499	Yes	
T	Noise sensitive point: User defined (20)	722,505	5,012,036	51.1	4.5	40.0	22.0	2,516	Yes	
U	Noise sensitive point: User defined (21)	722,519	5,012,047	50.9	4.5	40.0	21.9	2,533	Yes	
V	Noise sensitive point: User defined (22)	722,535	5,012,061	50.8	4.5	40.0	21.9	2,554	Yes	
W	Noise sensitive point: User defined (23)	722,551	5,012,071	50.7	4.5	40.0	21.8	2,571	Yes	

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

Noise sensitive area					Demands		Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]		
X	Noise sensitive point: User defined (24)	722,573	5,012,090	50.8	4.5	40.0	21.7	2,599		Yes
Y	Noise sensitive point: User defined (25)	722,570	5,012,118	52.3	4.5	40.0	21.7	2,620		Yes
Z	Noise sensitive point: User defined (26)	722,564	5,012,135	53.2	4.5	40.0	21.6	2,632		Yes
AA	Noise sensitive point: User defined (27)	722,556	5,012,157	54.0	4.5	40.0	21.6	2,646		Yes
AB	Noise sensitive point: User defined (28)	722,565	5,012,177	53.9	4.5	40.0	21.5	2,668		Yes
AC	Noise sensitive point: User defined (29)	722,574	5,012,160	53.3	4.5	40.0	21.5	2,658		Yes
AD	Noise sensitive point: User defined (30)	722,581	5,012,144	52.8	4.5	40.0	21.6	2,648		Yes
AE	Noise sensitive point: User defined (31)	722,587	5,012,128	52.1	4.5	40.0	21.6	2,638		Yes
AF	Noise sensitive point: User defined (32)	722,594	5,012,112	51.0	4.5	40.0	21.6	2,628		Yes
AG	Noise sensitive point: User defined (33)	722,599	5,012,089	49.7	4.5	40.0	21.7	2,612		Yes
AH	Noise sensitive point: User defined (34)	722,595	5,012,080	49.5	4.5	40.0	21.7	2,602		Yes
AI	Noise sensitive point: User defined (35)	722,579	5,012,065	50.0	4.5	40.0	21.8	2,581		Yes
AJ	Noise sensitive point: User defined (36)	722,567	5,012,054	50.0	4.5	40.0	21.9	2,565		Yes
AK	Noise sensitive point: User defined (37)	722,550	5,012,040	50.0	4.5	40.0	21.9	2,544		Yes
AL	Noise sensitive point: User defined (38)	722,535	5,012,027	50.0	4.5	40.0	22.0	2,526		Yes
AM	Noise sensitive point: User defined (39)	722,520	5,012,015	50.4	4.5	40.0	22.0	2,507		Yes
AN	Noise sensitive point: User defined (40)	722,505	5,012,004	51.1	4.5	40.0	22.1	2,489		Yes
AO	Noise sensitive point: User defined (41)	722,492	5,011,992	51.4	4.5	40.0	22.2	2,473		Yes
AP	Noise sensitive point: User defined (42)	722,486	5,011,987	51.6	4.5	40.0	22.2	2,465		Yes
AQ	Noise sensitive point: User defined (43)	722,471	5,011,974	51.9	4.5	40.0	22.2	2,445		Yes
AR	Noise sensitive point: User defined (44)	722,454	5,011,968	52.3	4.5	40.0	22.3	2,432		Yes
AS	Noise sensitive point: User defined (45)	722,443	5,011,968	52.8	4.5	40.0	22.3	2,426		Yes
AT	Noise sensitive point: User defined (46)	722,567	5,012,127	52.8	4.5	40.0	21.6	2,627		Yes
AU	Noise sensitive point: User defined (47)	722,561	5,012,146	53.6	4.5	40.0	21.6	2,639		Yes
AV	Noise sensitive point: User defined (48)	722,550	5,012,164	54.2	4.5	40.0	21.6	2,649		Yes
AW	Noise sensitive point: User defined (49)	722,569	5,012,169	53.6	4.5	40.0	21.5	2,663		Yes
AX	Noise sensitive point: User defined (50)	722,577	5,012,153	53.1	4.5	40.0	21.6	2,654		Yes
AY	Noise sensitive point: User defined (51)	722,584	5,012,135	52.5	4.5	40.0	21.6	2,643		Yes
AZ	Noise sensitive point: User defined (52)	722,591	5,012,119	51.5	4.5	40.0	21.6	2,633		Yes
BA	Noise sensitive point: User defined (53)	722,494	5,009,513	25.4	4.5	40.0	30.3	1,029		Yes
BB	Noise sensitive point: User defined (54)	723,318	5,008,114	16.7	4.5	40.0	27.6	1,727		Yes
BC	Noise sensitive point: User defined (55)	722,207	5,010,623	35.4	4.5	40.0	27.9	1,237		Yes
BD	Noise sensitive point: User defined (56)	722,206	5,011,151	42.9	4.5	40.0	25.6	1,624		Yes
BE	Noise sensitive point: User defined (57)	722,505	5,012,173	55.5	4.5	40.0	21.6	2,634		Yes
BF	Noise sensitive point: User defined (58)	722,575	5,012,101	51.3	4.5	40.0	21.7	2,609		Yes
BG	Noise sensitive point: User defined (59)	722,563	5,012,078	50.6	4.5	40.0	21.8	2,583		Yes
BH	Noise sensitive point: User defined (60)	722,177	5,010,473	33.5	4.5	40.0	28.7	1,116		Yes
BI	Noise sensitive point: User defined (61)	722,543	5,012,065	50.7	4.5	40.0	21.8	2,562		Yes
BJ	Noise sensitive point: User defined (62)	722,189	5,010,508	33.9	4.5	40.0	28.5	1,148		Yes
BK	Noise sensitive point: User defined (63)	722,118	5,010,514	36.5	4.5	40.0	28.8	1,098		Yes
BL	Noise sensitive point: User defined (64)	722,583	5,009,338	26.1	4.5	40.0	30.1	1,093		Yes
BM	Noise sensitive point: User defined (65)	723,278	5,008,693	13.8	4.5	40.0	27.5	1,761		Yes
BN	Noise sensitive point: User defined (66)	722,126	5,010,473	35.3	4.5	40.0	28.9	1,077		Yes
BO	Noise sensitive point: User defined (67)	722,306	5,010,883	38.7	4.5	40.0	26.5	1,489		Yes
BP	Noise sensitive point: User defined (68)	722,159	5,011,181	45.6	4.5	40.0	25.6	1,618		Yes
BQ	Noise sensitive point: User defined (69)	722,450	5,012,119	56.0	4.5	40.0	21.9	2,558		Yes
BR	Noise sensitive point: User defined (70)	722,021	5,010,483	40.2	4.5	40.0	29.3	1,006		Yes
BS	Noise sensitive point: User defined (71)	723,606	5,007,472	26.1	4.5	40.0	26.5	2,028		Yes
BT	Noise sensitive point: User defined (72)	722,588	5,012,073	49.5	4.5	40.0	21.8	2,593		Yes
BU	Noise sensitive point: User defined (73)	723,355	5,006,965	42.2	4.5	40.0	27.4	1,869		Yes
BV	Noise sensitive point: User defined (74)	722,047	5,010,520	39.9	4.5	40.0	29.0	1,051		Yes
BW	Noise sensitive point: User defined (75)	722,283	5,010,734	35.4	4.5	40.0	27.2	1,369		Yes
BX	Noise sensitive point: User defined (76)	722,942	5,006,315	42.1	4.5	40.0	28.5	1,608		Yes
BY	Noise sensitive point: User defined (77)	722,090	5,005,804	51.9	4.5	40.0	31.8	1,119		Yes
BZ	Noise sensitive point: User defined (78)	722,134	5,005,833	50.2	4.5	40.0	31.6	1,138		Yes
CA	Noise sensitive point: User defined (79)	722,171	5,005,912	47.5	4.5	40.0	31.6	1,123		Yes
CB	Noise sensitive point: User defined (80)	723,845	5,008,008	12.9	4.5	40.0	25.5	2,246		Yes
CC	Noise sensitive point: User defined (81)	723,342	5,008,144	16.2	4.5	40.0	27.5	1,753		Yes
CD	Noise sensitive point: User defined (82)	722,783	5,012,327	52.0	4.5	40.0	20.7	2,912		Yes
CE	Noise sensitive point: User defined (83)	723,645	5,007,345	32.2	4.5	40.0	26.3	2,083		Yes
CF	Noise sensitive point: User defined (84)	723,194	5,012,381	46.9	4.5	40.0	20.0	3,201		Yes
CG	Noise sensitive point: User defined (85)	722,570	5,012,502	47.4	4.5	40.0	20.5	2,951		Yes
CH	Noise sensitive point: User defined (86)	724,085	5,007,420	21.9	4.5	40.0	24.6	2,509		Yes
CI	Noise sensitive point: User defined (87)	722,723	5,009,359	16.1	4.5	40.0	29.2	1,235		Yes

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

Noise sensitive area					Demands		Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]		
CJ	Noise sensitive point: User defined (88)	722,695	5,009,277	18.1	4.5	40.0	29.6	1,199	Yes	
CK	Noise sensitive point: User defined (89)	722,279	5,010,247	28.2	4.5	40.0	29.1	1,073	Yes	
CL	Noise sensitive point: User defined (90)	723,291	5,008,372	14.3	4.5	40.0	27.6	1,737	Yes	
CM	Noise sensitive point: User defined (91)	723,047	5,008,694	18.9	4.5	40.0	28.5	1,530	Yes	
CN	Noise sensitive point: User defined (92)	722,828	5,010,849	32.1	4.5	40.0	25.1	1,863	Yes	
CO	Noise sensitive point: User defined (93)	723,403	5,012,633	46.7	4.5	40.0	19.1	3,528	Yes	
CP	Noise sensitive point: User defined (94)	722,300	5,010,516	31.7	4.5	40.0	28.0	1,240	Yes	
CQ	Noise sensitive point: User defined (95)	722,785	5,012,282	52.0	4.5	40.0	20.9	2,876	Yes	
CR	Noise sensitive point: User defined (96)	722,415	5,005,967	46.0	4.5	40.0	30.4	1,295	Yes	
CS	Noise sensitive point: User defined (97)	722,747	5,012,558	52.0	4.5	40.0	20.2	3,088	Yes	
CT	Noise sensitive point: User defined (98)	722,381	5,005,957	46.3	4.5	40.0	30.6	1,272	Yes	
CU	Noise sensitive point: User defined (99)	723,185	5,007,880	21.1	4.5	40.0	28.3	1,581	Yes	
CV	Noise sensitive point: User defined (100)	722,542	5,006,060	43.1	4.5	40.0	30.0	1,356	Yes	
CW	Noise sensitive point: User defined (101)	723,123	5,008,422	22.4	4.5	40.0	28.4	1,581	Yes	
CX	Noise sensitive point: User defined (102)	723,110	5,008,482	23.4	4.5	40.0	28.4	1,582	Yes	
CY	Noise sensitive point: User defined (103)	723,206	5,008,079	19.5	4.5	40.0	28.1	1,612	Yes	
CZ	Noise sensitive point: User defined (104)	722,189	5,009,721	28.9	4.5	40.0	31.5	776	Yes	
DA	Noise sensitive point: User defined (105)	722,015	5,011,242	51.6	4.5	40.0	25.0	1,584	Yes	
DB	Noise sensitive point: User defined (106)	722,203	5,010,951	41.1	4.5	40.0	26.5	1,469	Yes	
DC	Noise sensitive point: User defined (107)	722,438	5,011,850	47.9	4.5	40.0	22.6	2,324	Yes	
DD	Noise sensitive point: User defined (108)	722,597	5,012,103	50.4	4.5	40.0	21.7	2,623	Yes	
DE	Noise sensitive point: User defined (109)	723,107	5,008,636	19.7	4.5	40.0	28.3	1,594	Yes	
DF	Noise sensitive point: User defined (110)	722,884	5,008,878	6.2	4.5	40.0	28.1	1,363	Yes	
DG	Noise sensitive point: User defined (111)	724,203	5,007,832	11.5	4.5	40.0	24.1	2,599	Yes	
DH	Noise sensitive point: User defined (112)	722,301	5,010,464	30.7	4.5	40.0	28.2	1,210	Yes	
DI	Noise sensitive point: User defined (113)	723,519	5,007,254	33.6	4.5	40.0	26.8	1,974	Yes	
DJ	Noise sensitive point: User defined (114)	724,154	5,007,894	11.0	4.5	40.0	24.3	2,550	Yes	
DK	Noise sensitive point: User defined (115)	723,410	5,007,018	42.7	4.5	40.0	27.2	1,917	Yes	
DL	Noise sensitive point: User defined (116)	724,002	5,007,938	16.7	4.5	40.0	24.9	2,399	Yes	
DM	Noise sensitive point: User defined (117)	722,301	5,010,581	32.7	4.5	40.0	27.8	1,281	Yes	
DN	Noise sensitive point: User defined (118)	722,743	5,009,483	13.7	4.5	40.0	28.9	1,270	Yes	
DO	Noise sensitive point: User defined (119)	722,575	5,010,167	30.0	4.5	40.0	28.1	1,297	Yes	
DP	Noise sensitive point: User defined (120)	722,529	5,009,148	30.6	4.5	40.0	30.8	1,022	Yes	
DQ	Noise sensitive point: User defined (121)	723,228	5,007,713	9.1	4.5	40.0	28.0	1,630	Yes	
DR	Noise sensitive point: User defined (122)	722,153	5,005,809	49.9	4.5	40.0	31.4	1,168	Yes	
DS	Noise sensitive point: User defined (123)	723,103	5,012,382	48.5	4.5	40.0	20.1	3,146	Yes	
DT	Noise sensitive point: User defined (124)	723,139	5,012,416	48.5	4.5	40.0	20.0	3,195	Yes	
DU	Noise sensitive point: User defined (125)	722,271	5,010,220	27.9	4.5	40.0	29.3	1,052	Yes	
DV	Noise sensitive point: User defined (126)	722,270	5,010,077	26.3	4.5	40.0	29.8	982	Yes	
DW	Noise sensitive point: User defined (127)	722,387	5,010,086	26.8	4.5	40.0	29.2	1,092	Yes	
DX	Noise sensitive point: User defined (128)	722,473	5,010,119	28.0	4.5	40.0	28.7	1,184	Yes	
DY	Noise sensitive point: User defined (129)	722,713	5,012,567	50.0	4.5	40.0	20.2	3,078	Yes	
DZ	Noise sensitive point: User defined (130)	722,723	5,012,591	49.8	4.5	40.0	20.1	3,104	Yes	
EA	Noise sensitive point: User defined (131)	722,721	5,012,509	52.0	4.5	40.0	20.3	3,033	Yes	
EB	Noise sensitive point: User defined (132)	722,252	5,009,832	25.6	4.5	40.0	30.8	867	Yes	
EC	Noise sensitive point: User defined (133)	723,467	5,007,373	26.0	4.5	40.0	27.0	1,903	Yes	
ED	Noise sensitive point: User defined (134)	722,235	5,011,805	53.8	4.5	40.0	23.2	2,179	Yes	
EE	Noise sensitive point: User defined (135)	721,580	5,011,258	60.0	4.5	40.0	26.7	1,398	Yes	
EF	Noise sensitive point: User defined (136)	721,544	5,011,295	60.4	4.5	40.0	26.5	1,420	Yes	
EG	Noise sensitive point: User defined (137)	723,728	5,007,393	30.5	4.5	40.0	26.0	2,158	Yes	
EH	Noise sensitive point: User defined (138)	723,264	5,006,883	38.7	4.5	40.0	27.7	1,788	Yes	
EI	Noise sensitive point: User defined (139)	723,250	5,006,850	39.0	4.5	40.0	27.7	1,778	Yes	
EJ	Noise sensitive point: User defined (140)	723,229	5,006,798	39.4	4.5	40.0	27.8	1,764	Yes	
EK	Noise sensitive point: User defined (141)	724,027	5,007,819	22.5	4.5	40.0	24.9	2,424	Yes	
EL	Noise sensitive point: User defined (142)	724,030	5,007,797	23.2	4.5	40.0	24.9	2,428	Yes	
EM	Noise sensitive point: User defined (143)	723,503	5,007,212	35.1	4.5	40.0	26.9	1,967	Yes	
EN	Noise sensitive point: User defined (144)	722,354	5,010,109	26.8	4.5	40.0	29.3	1,072	Yes	
EO	Noise sensitive point: User defined (145)	722,664	5,006,163	42.0	4.5	40.0	29.6	1,416	Yes	
EP	Noise sensitive point: User defined (146)	722,691	5,006,186	42.0	4.5	40.0	29.5	1,430	Yes	
EQ	Noise sensitive point: User defined (147)	723,189	5,007,815	17.8	4.5	40.0	28.2	1,587	Yes	
ER	Noise sensitive point: User defined (148)	722,520	5,009,206	31.6	4.5	40.0	30.8	1,018	Yes	
ES	Noise sensitive point: User defined (149)	722,688	5,009,046	23.2	4.5	40.0	30.0	1,176	Yes	
ET	Noise sensitive point: User defined (150)	723,660	5,007,623	18.5	4.5	40.0	26.3	2,066	Yes	
EU	Noise sensitive point: User defined (151)	722,714	5,009,017	21.9	4.5	40.0	29.9	1,199	Yes	

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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Noise sensitive area						Demands		Sound level		Demands fulfilled ?		
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Distance to noise demand	Min Noise	Max From WTGs	
				[m]	[m]	[dB(A)]	[dB(A)]	[m]	[m]	[dB(A)]	[dB(A)]	
EV	Noise sensitive point: User defined (152)	721,993	5,011,587	55.4	4.5	40.0	24.3	1,872		40.0	24.3	Yes
EW	Noise sensitive point: User defined (153)	721,859	5,011,384	55.8	4.5	40.0	25.4	1,631		40.0	25.4	Yes
EX	Noise sensitive point: User defined (154)	723,599	5,007,591	17.0	4.5	40.0	26.5	2,007		40.0	26.5	Yes
EY	Noise sensitive point: User defined (155)	723,729	5,007,288	35.8	4.5	40.0	26.0	2,174		40.0	26.0	Yes
EZ	Noise sensitive point: User defined (156)	723,469	5,007,143	37.4	4.5	40.0	27.0	1,947		40.0	27.0	Yes
FA	Noise sensitive point: User defined (157)	723,464	5,007,122	38.6	4.5	40.0	27.0	1,947		40.0	27.0	Yes
FB	Noise sensitive point: User defined (158)	722,484	5,009,345	35.0	4.5	40.0	30.8	996		40.0	30.8	Yes
FC	Noise sensitive point: User defined (159)	723,084	5,008,602	22.4	4.5	40.0	28.5	1,574		40.0	28.5	Yes
FD	Noise sensitive point: User defined (160)	723,899	5,007,832	21.8	4.5	40.0	25.4	2,296		40.0	25.4	Yes
FE	Noise sensitive point: User defined (161)	722,469	5,012,141	56.0	4.5	40.0	21.8	2,587		40.0	21.8	Yes
FF	Noise sensitive point: User defined (162)	722,739	5,009,457	14.6	4.5	40.0	29.0	1,263		40.0	29.0	Yes
FG	Noise sensitive point: User defined (163)	723,608	5,007,284	34.9	4.5	40.0	26.5	2,056		40.0	26.5	Yes
FH	Noise sensitive point: User defined (164)	723,433	5,007,041	42.7	4.5	40.0	27.1	1,935		40.0	27.1	Yes
FI	Noise sensitive point: User defined (165)	723,445	5,007,070	41.2	4.5	40.0	27.1	1,940		40.0	27.1	Yes
FJ	Noise sensitive point: User defined (166)	723,446	5,007,221	33.1	4.5	40.0	27.1	1,910		40.0	27.1	Yes
FK	Noise sensitive point: User defined (167)	723,180	5,006,603	42.9	4.5	40.0	27.9	1,751		40.0	27.9	Yes
FL	Noise sensitive point: User defined (168)	723,447	5,007,264	31.0	4.5	40.0	27.1	1,902		40.0	27.1	Yes
FM	Noise sensitive point: User defined (169)	723,934	5,007,822	22.5	4.5	40.0	25.2	2,331		40.0	25.2	Yes
FN	Noise sensitive point: User defined (170)	723,396	5,007,400	21.3	4.5	40.0	27.3	1,828		40.0	27.3	Yes
FO	Noise sensitive point: User defined (171)	722,480	5,009,554	22.6	4.5	40.0	30.2	1,022		40.0	30.2	Yes
FP	Noise sensitive point: User defined (172)	722,521	5,009,543	23.2	4.5	40.0	30.0	1,060		40.0	30.0	Yes
FQ	Noise sensitive point: User defined (173)	722,531	5,009,530	23.9	4.5	40.0	30.0	1,068		40.0	30.0	Yes
FR	Noise sensitive point: User defined (174)	722,693	5,009,441	19.4	4.5	40.0	29.3	1,215		40.0	29.3	Yes
FS	Noise sensitive point: User defined (175)	722,694	5,009,454	19.4	4.5	40.0	29.3	1,218		40.0	29.3	Yes
FT	Noise sensitive point: User defined (176)	723,201	5,008,400	18.3	4.5	40.0	28.0	1,653		40.0	28.0	Yes
FU	Noise sensitive point: User defined (177)	723,247	5,008,435	16.9	4.5	40.0	27.8	1,705		40.0	27.8	Yes
FV	Noise sensitive point: User defined (178)	723,137	5,008,514	21.3	4.5	40.0	28.3	1,617		40.0	28.3	Yes
FW	Noise sensitive point: User defined (179)	723,185	5,008,515	18.7	4.5	40.0	28.0	1,663		40.0	28.0	Yes
FX	Noise sensitive point: User defined (180)	723,232	5,008,517	17.0	4.5	40.0	27.8	1,709		40.0	27.8	Yes
FY	Noise sensitive point: User defined (181)	723,242	5,008,476	17.1	4.5	40.0	27.8	1,709		40.0	27.8	Yes
FZ	Noise sensitive point: User defined (182)	723,270	5,008,484	16.1	4.5	40.0	27.7	1,738		40.0	27.7	Yes
GA	Noise sensitive point: User defined (183)	723,265	5,008,513	16.1	4.5	40.0	27.7	1,740		40.0	27.7	Yes
GB	Noise sensitive point: User defined (184)	723,117	5,008,601	20.5	4.5	40.0	28.3	1,607		40.0	28.3	Yes
GC	Noise sensitive point: User defined (185)	723,194	5,008,156	18.2	4.5	40.0	28.1	1,607		40.0	28.1	Yes
GD	Noise sensitive point: User defined (186)	722,708	5,009,163	19.0	4.5	40.0	29.7	1,203		40.0	29.7	Yes
GE	Noise sensitive point: User defined (187)	723,226	5,007,921	19.6	4.5	40.0	28.1	1,624		40.0	28.1	Yes
GF	Noise sensitive point: User defined (188)	722,299	5,011,800	51.5	4.5	40.0	23.1	2,207		40.0	23.1	Yes
GG	Noise sensitive point: User defined (189)	723,199	5,012,467	48.5	4.5	40.0	19.8	3,272		40.0	19.8	Yes
GH	Noise sensitive point: User defined (190)	722,042	5,005,731	52.9	4.5	40.0	31.9	1,122		40.0	31.9	Yes
GI	Noise sensitive point: User defined (191)	723,583	5,007,251	36.2	4.5	40.0	26.6	2,037		40.0	26.6	Yes
GJ	Noise sensitive point: User defined (192)	723,350	5,006,793	53.8	4.5	40.0	27.4	1,885		40.0	27.4	Yes
GK	Noise sensitive point: User defined (193)	722,117	5,010,716	44.2	4.5	40.0	27.9	1,237		40.0	27.9	Yes
GL	Noise sensitive point: User defined (194)	723,164	5,006,479	47.6	4.5	40.0	27.8	1,766		40.0	27.8	Yes
GM	Noise sensitive point: User defined (195)	723,188	5,006,498	49.2	4.5	40.0	27.7	1,784		40.0	27.7	Yes
GN	Noise sensitive point: User defined (196)	722,600	5,009,483	24.1	4.5	40.0	29.7	1,128		40.0	29.7	Yes
GO	Noise sensitive point: User defined (197)	721,758	5,011,362	56.8	4.5	40.0	25.7	1,567		40.0	25.7	Yes
GP	Noise sensitive point: User defined (198)	721,745	5,011,338	57.6	4.5	40.0	25.8	1,541		40.0	25.8	Yes
GQ	Noise sensitive point: User defined (199)	721,798	5,011,374	56.5	4.5	40.0	25.6	1,595		40.0	25.6	Yes
GR	Noise sensitive point: User defined (200)	721,810	5,011,394	55.9	4.5	40.0	25.5	1,618		40.0	25.5	Yes
GS	Noise sensitive point: User defined (201)	721,976	5,011,614	54.7	4.5	40.0	24.2	1,889		40.0	24.2	Yes
GT	Noise sensitive point: User defined (202)	723,156	5,008,489	20.3	4.5	40.0	28.2	1,628		40.0	28.2	Yes
GU	Noise sensitive point: User defined (203)	723,714	5,007,431	29.2	4.5	40.0	26.1	2,140		40.0	26.1	Yes
GV	Noise sensitive point: User defined (204)	722,239	5,011,196	41.7	4.5	40.0	25.4	1,679		40.0	25.4	Yes
GW	Noise sensitive point: User defined (205)	723,142	5,006,456	46.7	4.5	40.0	27.9	1,752		40.0	27.9	Yes
GX	Noise sensitive point: User defined (206)	723,129	5,006,441	46.6	4.5	40.0	27.9	1,744		40.0	27.9	Yes
GY	Noise sensitive point: User defined (207)	722,366	5,011,851	50.6	4.5	40.0	22.8	2,286		40.0	22.8	Yes
GZ	Noise sensitive point: User defined (208)	723,799	5,007,380	32.0	4.5	40.0	25.7	2,231		40.0	25.7	Yes
HA	Noise sensitive point: User defined (209)	723,110	5,006,469	44.4	4.5	40.0	28.0	1,718		40.0	28.0	Yes
HB	Noise sensitive point: User defined (210)	723,131	5,006,487	44.4	4.5	40.0	27.9	1,732		40.0	27.9	Yes
HC	Noise sensitive point: User defined (211)	722,146	5,011,739	54.3	4.5	40.0	23.6	2,079		40.0	23.6	Yes
HD	Noise sensitive point: User defined (212)	723,310	5,007,783	6.9	4.5	40.0	27.6	1,709		40.0	27.6	Yes
HE	Noise sensitive point: User defined (213)	723,289	5,007,476	9.6	4.5	40.0	27.7	1,713		40.0	27.7	Yes
HF	Noise sensitive point: User defined (214)	723,892	5,007,857	20.9	4.5	40.0	25.4	2,288		40.0	25.4	Yes
HG	Noise sensitive point: User defined (215)	723,885	5,007,881	20.0	4.5	40.0	25.4	2,281		40.0	25.4	Yes

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DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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Noise sensitive area					Demands			Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand		Noise	
				[m]	[m]	[dB(A)]	[dB(A)]	[m]			
HH	Noise sensitive point: User defined (216)	723,878	5,007,906	18.9	4.5	40.0	25.4	2,274		Yes	
HI	Noise sensitive point: User defined (217)	723,635	5,007,611	17.8	4.5	40.0	26.4	2,042		Yes	
HJ	Noise sensitive point: User defined (218)	722,626	5,012,264	52.7	4.5	40.0	21.2	2,774		Yes	
HK	Noise sensitive point: User defined (219)	722,547	5,012,208	54.8	4.5	40.0	21.4	2,684		Yes	
HL	Noise sensitive point: User defined (220)	723,337	5,008,078	15.9	4.5	40.0	27.5	1,742		Yes	
HM	Noise sensitive point: User defined (221)	722,201	5,010,890	40.9	4.5	40.0	26.8	1,423		Yes	
HN	Noise sensitive point: User defined (222)	722,201	5,010,825	39.9	4.5	40.0	27.1	1,374		Yes	
HO	Noise sensitive point: User defined (223)	721,993	5,011,178	54.0	4.5	40.0	25.3	1,518		Yes	
HP	Noise sensitive point: User defined (224)	723,687	5,007,549	23.5	4.5	40.0	26.2	2,100		Yes	
HQ	Noise sensitive point: User defined (225)	723,696	5,007,527	25.0	4.5	40.0	26.1	2,110		Yes	
HR	Noise sensitive point: User defined (226)	721,978	5,011,149	55.3	4.5	40.0	25.4	1,486		Yes	
HS	Noise sensitive point: User defined (227)	723,766	5,007,889	16.0	4.5	40.0	25.8	2,163		Yes	
HT	Noise sensitive point: User defined (228)	722,173	5,011,755	54.1	4.5	40.0	23.4	2,105		Yes	
HU	Noise sensitive point: User defined (229)	722,683	5,009,814	25.5	4.5	40.0	28.6	1,277		Yes	
HV	Noise sensitive point: User defined (230)	722,452	5,009,697	18.0	4.5	40.0	30.0	1,024		Yes	
HW	Noise sensitive point: User defined (231)	722,580	5,010,830	32.0	4.5	40.0	25.9	1,655		Yes	
HX	Noise sensitive point: User defined (232)	722,286	5,010,668	34.1	4.5	40.0	27.5	1,326		Yes	
HY	Noise sensitive point: User defined (233)	723,096	5,008,543	23.7	4.5	40.0	28.5	1,585		Yes	
HZ	Noise sensitive point: User defined (234)	722,437	5,010,144	28.0	4.5	40.0	28.8	1,162		Yes	
IA	Noise sensitive point: User defined (235)	722,522	5,010,183	29.1	4.5	40.0	28.3	1,256		Yes	
IB	Noise sensitive point: User defined (236)	722,279	5,010,339	29.1	4.5	40.0	28.8	1,123		Yes	
IC	Noise sensitive point: User defined (237)	722,195	5,011,736	54.3	4.5	40.0	23.5	2,100		Yes	
ID	Noise sensitive point: User defined (238)	722,330	5,011,822	51.1	4.5	40.0	23.0	2,243		Yes	
IE	Noise sensitive point: User defined (239)	721,704	5,005,421	60.0	4.5	40.0	33.1	826		Yes	
IF	Noise sensitive point: User defined (240)	721,684	5,005,391	60.0	4.5	40.0	33.1	801		Yes	
IG	Noise sensitive point: User defined (241)	721,894	5,005,612	55.4	4.5	40.0	32.4	1,055		Yes	
IH	Noise sensitive point: User defined (242)	722,294	5,005,969	47.5	4.5	40.0	31.1	1,193		Yes	
II	Noise sensitive point: User defined (243)	722,323	5,005,957	48.0	4.5	40.0	30.9	1,223		Yes	
IJ	Noise sensitive point: User defined (244)	722,230	5,005,862	47.7	4.5	40.0	31.2	1,199		Yes	
IK	Noise sensitive point: User defined (245)	722,267	5,005,882	48.0	4.5	40.0	31.0	1,218		Yes	
IL	Noise sensitive point: User defined (246)	722,311	5,005,912	47.4	4.5	40.0	30.9	1,238		Yes	
IM	Noise sensitive point: User defined (247)	722,356	5,005,943	47.1	4.5	40.0	30.7	1,258		Yes	
IN	Noise sensitive point: User defined (248)	722,363	5,005,986	46.9	4.5	40.0	30.7	1,241		Yes	
IO	Noise sensitive point: User defined (249)	722,423	5,006,025	44.8	4.5	40.0	30.5	1,272		Yes	
IP	Noise sensitive point: User defined (250)	722,473	5,006,052	43.2	4.5	40.0	30.3	1,301		Yes	
IQ	Noise sensitive point: User defined (251)	722,494	5,006,067	42.7	4.5	40.0	30.2	1,311		Yes	
IR	Noise sensitive point: User defined (252)	722,507	5,006,075	42.6	4.5	40.0	30.2	1,318		Yes	
IS	Noise sensitive point: User defined (253)	722,536	5,006,094	42.5	4.5	40.0	30.1	1,334		Yes	
IT	Noise sensitive point: User defined (254)	722,597	5,006,100	42.1	4.5	40.0	29.8	1,385		Yes	
IU	Noise sensitive point: User defined (255)	722,656	5,006,118	42.0	4.5	40.0	29.5	1,429		Yes	
IV	Noise sensitive point: User defined (256)	722,617	5,006,121	42.0	4.5	40.0	29.7	1,393		Yes	
IW	Noise sensitive point: User defined (257)	722,687	5,006,228	42.0	4.5	40.0	29.6	1,408		Yes	
IX	Noise sensitive point: User defined (258)	722,732	5,006,217	42.0	4.5	40.0	29.3	1,453		Yes	
IY	Noise sensitive point: User defined (259)	722,758	5,006,227	42.0	4.5	40.0	29.2	1,471		Yes	
IZ	Noise sensitive point: User defined (260)	722,786	5,006,271	42.0	4.5	40.0	29.2	1,479		Yes	
JA	Noise sensitive point: User defined (261)	722,790	5,006,240	42.0	4.5	40.0	29.1	1,495		Yes	
JB	Noise sensitive point: User defined (262)	722,843	5,006,254	42.0	4.5	40.0	28.9	1,538		Yes	
JC	Noise sensitive point: User defined (263)	722,879	5,006,284	42.0	4.5	40.0	28.8	1,560		Yes	
JD	Noise sensitive point: User defined (264)	722,945	5,006,352	42.0	4.5	40.0	28.6	1,599		Yes	
JE	Noise sensitive point: User defined (265)	722,903	5,006,296	42.0	4.5	40.0	28.7	1,577		Yes	
JF	Noise sensitive point: User defined (266)	722,979	5,006,332	43.6	4.5	40.0	28.4	1,637		Yes	
JG	Noise sensitive point: User defined (267)	723,028	5,006,359	45.0	4.5	40.0	28.2	1,674		Yes	
JH	Noise sensitive point: User defined (268)	723,098	5,006,452	44.5	4.5	40.0	28.1	1,711		Yes	
JI	Noise sensitive point: User defined (269)	723,090	5,006,402	46.1	4.5	40.0	28.0	1,720		Yes	
JJ	Noise sensitive point: User defined (270)	723,152	5,006,516	44.6	4.5	40.0	27.9	1,744		Yes	
JK	Noise sensitive point: User defined (271)	723,249	5,006,608	49.3	4.5	40.0	27.6	1,818		Yes	
JL	Noise sensitive point: User defined (272)	723,185	5,006,647	41.5	4.5	40.0	27.9	1,747		Yes	
JM	Noise sensitive point: User defined (273)	723,216	5,006,755	40.0	4.5	40.0	27.8	1,759		Yes	
JN	Noise sensitive point: User defined (274)	723,200	5,006,715	40.3	4.5	40.0	27.9	1,751		Yes	
JO	Noise sensitive point: User defined (275)	723,239	5,006,729	43.8	4.5	40.0	27.7	1,787		Yes	
JP	Noise sensitive point: User defined (276)	723,331	5,006,872	47.2	4.5	40.0	27.5	1,856		Yes	
JO	Noise sensitive point: User defined (277)	723,300	5,006,952	37.7	4.5	40.0	27.6	1,816		Yes	
JR	Noise sensitive point: User defined (278)	723,449	5,006,848	55.0	4.5	40.0	27.0	1,975		Yes	
JS	Noise sensitive point: User defined (279)	723,374	5,007,026	38.7	4.5	40.0	27.3	1,880		Yes	

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DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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Noise sensitive area					Demands		Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]		
JT	Noise sensitive point: User defined (280)	723,434	5,006,927	51.9	4.5	40.0	27.1	1,952	Yes	
JU	Noise sensitive point: User defined (281)	723,406	5,007,066	38.5	4.5	40.0	27.2	1,903	Yes	
JV	Noise sensitive point: User defined (282)	723,419	5,007,096	37.5	4.5	40.0	27.0	1,909	Yes	
JW	Noise sensitive point: User defined (283)	723,457	5,007,089	40.6	4.5	40.0	27.1	1,947	Yes	
JX	Noise sensitive point: User defined (284)	723,435	5,007,151	35.5	4.5	40.0	26.3	1,913	Yes	
JY	Noise sensitive point: User defined (285)	723,641	5,007,669	14.0	4.5	40.0	26.1	2,045	Yes	
JZ	Noise sensitive point: User defined (286)	723,700	5,007,635	20.1	4.5	40.0	25.5	2,105	Yes	
KA	Noise sensitive point: User defined (287)	723,865	5,007,576	28.4	4.5	40.0	27.1	2,274	Yes	
KB	Noise sensitive point: User defined (288)	723,441	5,007,178	34.7	4.5	40.0	26.2	1,913	Yes	
KC	Noise sensitive point: User defined (289)	723,442	5,007,290	29.7	4.5	40.0	25.8	1,892	Yes	
KD	Noise sensitive point: User defined (290)	723,684	5,007,379	30.7	4.5	40.0	25.9	2,116	Yes	
KE	Noise sensitive point: User defined (291)	723,685	5,007,783	12.9	4.5	40.0	25.7	2,083	Yes	
KF	Noise sensitive point: User defined (292)	723,763	5,007,584	24.7	4.5	40.0	25.9	2,172	Yes	
KG	Noise sensitive point: User defined (293)	723,772	5,007,553	26.1	4.5	40.0	25.8	2,183	Yes	
KH	Noise sensitive point: User defined (294)	723,779	5,007,528	27.1	4.5	40.0	25.8	2,193	Yes	
KI	Noise sensitive point: User defined (295)	723,786	5,007,491	28.5	4.5	40.0	25.6	2,204	Yes	
KJ	Noise sensitive point: User defined (296)	723,835	5,007,588	27.1	4.5	40.0	25.5	2,243	Yes	
KK	Noise sensitive point: User defined (297)	723,858	5,007,716	24.8	4.5	40.0	25.4	2,259	Yes	
KL	Noise sensitive point: User defined (298)	723,887	5,007,631	27.6	4.5	40.0	25.3	2,292	Yes	
KM	Noise sensitive point: User defined (299)	723,912	5,007,611	28.2	4.5	40.0	25.3	2,319	Yes	
KN	Noise sensitive point: User defined (300)	723,928	5,007,619	28.0	4.5	40.0	25.1	2,334	Yes	
KO	Noise sensitive point: User defined (301)	723,973	5,007,662	27.2	4.5	40.0	25.0	2,377	Yes	
KP	Noise sensitive point: User defined (302)	724,002	5,007,714	25.9	4.5	40.0	25.3	2,403	Yes	
KQ	Noise sensitive point: User defined (303)	723,915	5,007,682	26.4	4.5	40.0	25.1	2,318	Yes	
KR	Noise sensitive point: User defined (304)	723,965	5,007,745	25.4	4.5	40.0	25.2	2,365	Yes	
KS	Noise sensitive point: User defined (305)	723,945	5,007,789	24.1	4.5	40.0	25.3	2,343	Yes	
KT	Noise sensitive point: User defined (306)	723,927	5,007,726	26.0	4.5	40.0	25.2	2,328	Yes	
KU	Noise sensitive point: User defined (307)	723,926	5,007,853	21.2	4.5	40.0	25.3	2,322	Yes	
KV	Noise sensitive point: User defined (308)	723,918	5,007,772	24.5	4.5	40.0	25.2	2,316	Yes	
KW	Noise sensitive point: User defined (309)	723,922	5,007,943	17.6	4.5	40.0	25.4	2,319	Yes	
KX	Noise sensitive point: User defined (310)	723,878	5,008,025	13.7	4.5	40.0	25.5	2,280	Yes	
KY	Noise sensitive point: User defined (311)	723,855	5,007,946	16.6	4.5	40.0	25.2	2,253	Yes	
KZ	Noise sensitive point: User defined (312)	723,918	5,008,088	11.0	4.5	40.0	25.0	2,323	Yes	
LA	Noise sensitive point: User defined (313)	723,952	5,008,134	8.2	4.5	40.0	24.9	2,360	Yes	
LB	Noise sensitive point: User defined (314)	723,963	5,008,203	4.0	4.5	40.0	27.2	2,376	Yes	
LC	Noise sensitive point: User defined (315)	723,423	5,007,367	24.6	4.5	40.0	27.4	1,860	Yes	
LD	Noise sensitive point: User defined (316)	723,363	5,007,426	18.1	4.5	40.0	27.6	1,792	Yes	
LE	Noise sensitive point: User defined (317)	723,322	5,007,455	13.4	4.5	40.0	28.1	1,748	Yes	
LF	Noise sensitive point: User defined (318)	723,200	5,007,667	7.4	4.5	40.0	28.2	1,605	Yes	
LG	Noise sensitive point: User defined (319)	723,187	5,007,718	11.5	4.5	40.0	28.1	1,589	Yes	
LH	Noise sensitive point: User defined (320)	723,212	5,007,768	14.2	4.5	40.0	28.3	1,612	Yes	
LI	Noise sensitive point: User defined (321)	723,172	5,007,773	16.1	4.5	40.0	28.3	1,571	Yes	
LJ	Noise sensitive point: User defined (322)	723,184	5,007,839	19.5	4.5	40.0	28.3	1,580	Yes	
LK	Noise sensitive point: User defined (323)	723,186	5,007,862	20.6	4.5	40.0	28.0	1,582	Yes	
LL	Noise sensitive point: User defined (324)	723,245	5,007,859	16.6	4.5	40.0	28.2	1,641	Yes	
LM	Noise sensitive point: User defined (325)	723,197	5,007,905	20.9	4.5	40.0	28.4	1,594	Yes	
LN	Noise sensitive point: User defined (326)	723,152	5,007,878	22.5	4.5	40.0	28.2	1,549	Yes	
LO	Noise sensitive point: User defined (327)	723,202	5,007,953	21.2	4.5	40.0	28.1	1,600	Yes	
LP	Noise sensitive point: User defined (328)	723,224	5,007,997	19.9	4.5	40.0	28.3	1,625	Yes	
LQ	Noise sensitive point: User defined (329)	723,176	5,008,002	22.1	4.5	40.0	28.0	1,578	Yes	
LR	Noise sensitive point: User defined (330)	723,240	5,008,072	18.5	4.5	40.0	28.1	1,645	Yes	
LS	Noise sensitive point: User defined (331)	723,192	5,008,173	18.0	4.5	40.0	27.2	1,606	Yes	
LT	Noise sensitive point: User defined (332)	723,408	5,008,162	12.5	4.5	40.0	27.6	1,820	Yes	
LU	Noise sensitive point: User defined (333)	723,306	5,008,210	16.0	4.5	40.0	28.4	1,725	Yes	
LV	Noise sensitive point: User defined (334)	723,123	5,008,206	21.5	4.5	40.0	27.5	1,542	Yes	
LW	Noise sensitive point: User defined (335)	723,165	5,008,273	18.5	4.5	40.0	27.7	1,595	Yes	
LX	Noise sensitive point: User defined (336)	723,317	5,008,326	13.8	4.5	40.0	28.1	1,754	Yes	
LY	Noise sensitive point: User defined (337)	723,159	5,008,312	19.1	4.5	40.0	28.7	1,596	Yes	
LZ	Noise sensitive point: User defined (338)	723,076	5,008,308	26.8	4.5	40.0	27.6	1,514	Yes	
MA	Noise sensitive point: User defined (339)	723,277	5,008,435	14.9	4.5	40.0	28.2	1,735	Yes	
MB	Noise sensitive point: User defined (340)	723,164	5,008,424	20.1	4.5	40.0	27.3	1,621	Yes	
MC	Noise sensitive point: User defined (341)	723,142	5,008,387	21.0	4.5	40.0	27.7	1,593	Yes	
MD	Noise sensitive point: User defined (342)	723,235	5,008,601	16.5	4.5	40.0	28.3	1,724	Yes	
ME	Noise sensitive point: User defined (343)	723,069	5,008,793	14.0	4.5	40.0	28.3	1,549	Yes	

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DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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Noise sensitive area					Demands		Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]		
MF	Noise sensitive point: User defined (344)	723,246	5,008,634	15.8	4.5	40.0	27.7	1,732	Yes	
MG	Noise sensitive point: User defined (345)	723,120	5,008,712	15.8	4.5	40.0	28.1	1,602	Yes	
MH	Noise sensitive point: User defined (346)	723,273	5,008,778	12.3	4.5	40.0	27.4	1,754	Yes	
MI	Noise sensitive point: User defined (347)	723,031	5,008,777	15.6	4.5	40.0	28.5	1,512	Yes	
MJ	Noise sensitive point: User defined (348)	722,979	5,008,790	15.2	4.5	40.0	28.8	1,459	Yes	
MK	Noise sensitive point: User defined (349)	722,800	5,008,938	16.6	4.5	40.0	29.4	1,281	Yes	
ML	Noise sensitive point: User defined (350)	722,818	5,008,969	12.9	4.5	40.0	28.9	1,301	Yes	
MM	Noise sensitive point: User defined (351)	722,794	5,008,999	15.7	4.5	40.0	29.3	1,278	Yes	
MN	Noise sensitive point: User defined (352)	722,752	5,008,978	20.2	4.5	40.0	29.7	1,236	Yes	
MO	Noise sensitive point: User defined (353)	722,750	5,009,031	18.3	4.5	40.0	29.6	1,237	Yes	
MP	Noise sensitive point: User defined (354)	722,735	5,009,045	19.3	4.5	40.0	29.7	1,222	Yes	
MQ	Noise sensitive point: User defined (355)	722,659	5,009,067	24.6	4.5	40.0	30.2	1,148	Yes	
MR	Noise sensitive point: User defined (356)	722,690	5,009,089	21.8	4.5	40.0	29.9	1,180	Yes	
MS	Noise sensitive point: User defined (357)	722,619	5,009,116	25.9	4.5	40.0	30.3	1,111	Yes	
MT	Noise sensitive point: User defined (358)	722,677	5,009,105	22.3	4.5	40.0	30.0	1,168	Yes	
MU	Noise sensitive point: User defined (359)	722,646	5,009,133	23.4	4.5	40.0	30.1	1,139	Yes	
MV	Noise sensitive point: User defined (360)	722,631	5,009,153	23.4	4.5	40.0	30.2	1,125	Yes	
MW	Noise sensitive point: User defined (361)	722,831	5,009,226	7.4	4.5	40.0	28.8	1,329	Yes	
MX	Noise sensitive point: User defined (362)	722,777	5,009,258	11.1	4.5	40.0	29.1	1,278	Yes	
MY	Noise sensitive point: User defined (363)	722,598	5,009,219	22.9	4.5	40.0	30.2	1,097	Yes	
MZ	Noise sensitive point: User defined (364)	722,550	5,009,338	30.2	4.5	40.0	30.4	1,060	Yes	
NA	Noise sensitive point: User defined (365)	722,553	5,009,458	26.6	4.5	40.0	30.1	1,078	Yes	
NB	Noise sensitive point: User defined (366)	722,569	5,009,420	27.1	4.5	40.0	30.1	1,090	Yes	
NC	Noise sensitive point: User defined (367)	722,529	5,009,424	29.7	4.5	40.0	30.3	1,050	Yes	
ND	Noise sensitive point: User defined (368)	722,574	5,009,505	24.2	4.5	40.0	29.8	1,106	Yes	
NE	Noise sensitive point: User defined (369)	722,631	5,009,455	23.6	4.5	40.0	29.6	1,155	Yes	
NF	Noise sensitive point: User defined (370)	722,720	5,009,513	15.6	4.5	40.0	29.0	1,252	Yes	
NG	Noise sensitive point: User defined (371)	722,511	5,009,564	22.0	4.5	40.0	30.0	1,055	Yes	
NH	Noise sensitive point: User defined (372)	722,460	5,009,589	20.6	4.5	40.0	30.3	1,009	Yes	
NI	Noise sensitive point: User defined (373)	722,196	5,011,772	54.0	4.5	40.0	23.4	2,131	Yes	
NJ	Noise sensitive point: User defined (374)	724,036	5,007,840	21.3	4.5	40.0	24.8	2,432	Yes	
NK	Noise sensitive point: User defined (375)	721,689	5,005,457	60.0	4.5	40.0	33.2	817	Yes	
NL	Noise sensitive point: User defined (376)	721,651	5,005,419	60.1	4.5	40.0	33.4	773	Yes	
NM	Noise sensitive point: User defined (377)	723,621	5,007,332	32.6	4.5	40.0	26.4	2,060	Yes	
NN	Noise sensitive point: User defined (378)	723,162	5,007,801	18.1	4.5	40.0	28.4	1,560	Yes	
NO	Noise sensitive point: User defined (379)	723,178	5,007,751	14.4	4.5	40.0	28.3	1,579	Yes	
NP	Noise sensitive point: User defined (380)	723,943	5,007,574	29.1	4.5	40.0	25.2	2,352	Yes	
NQ	Noise sensitive point: User defined (381)	723,696	5,007,400	30.0	4.5	40.0	26.1	2,126	Yes	
NR	Noise sensitive point: User defined (382)	723,383	5,008,076	12.3	4.5	40.0	27.3	1,788	Yes	
NS	Noise sensitive point: User defined (383)	722,503	5,009,575	21.5	4.5	40.0	30.0	1,049	Yes	
NT	Noise sensitive point: User defined (384)	721,940	5,005,650	54.4	4.5	40.0	32.2	1,086	Yes	
NU	Noise sensitive point: User defined (385)	723,262	5,007,749	9.6	4.5	40.0	27.9	1,662	Yes	
NV	Noise sensitive point: User defined (386)	721,853	5,005,572	56.2	4.5	40.0	32.5	1,004	Yes	
NW	Noise sensitive point: User defined (387)	723,675	5,007,320	33.8	4.5	40.0	26.2	2,116	Yes	
NX	Noise sensitive point: User defined (388)	723,471	5,007,450	20.6	4.5	40.0	27.0	1,896	Yes	
NY	Noise sensitive point: User defined (389)	722,709	5,009,496	17.2	4.5	40.0	29.1	1,238	Yes	
NZ	Noise sensitive point: User defined (390)	723,683	5,007,675	16.6	4.5	40.0	26.2	2,086	Yes	
OA	Noise sensitive point: User defined (391)	722,292	5,011,829	52.7	4.5	40.0	23.0	2,229	Yes	
OB	Noise sensitive point: User defined (392)	722,279	5,011,823	52.8	4.5	40.0	23.0	2,217	Yes	
OC	Noise sensitive point: User defined (393)	722,272	5,011,783	51.9	4.5	40.0	23.2	2,179	Yes	
OD	Noise sensitive point: User defined (394)	722,247	5,011,766	52.3	4.5	40.0	23.3	2,152	Yes	
OE	Noise sensitive point: User defined (395)	722,063	5,011,648	56.0	4.5	40.0	23.9	1,959	Yes	
OF	Noise sensitive point: User defined (396)	721,963	5,011,606	54.5	4.5	40.0	24.3	1,876	Yes	
OG	Noise sensitive point: User defined (397)	721,877	5,011,525	53.0	4.5	40.0	24.8	1,766	Yes	
OH	Noise sensitive point: User defined (398)	722,018	5,011,611	55.7	4.5	40.0	24.2	1,905	Yes	
OI	Noise sensitive point: User defined (399)	721,948	5,011,481	54.0	4.5	40.0	24.6	1,757	Yes	
OJ	Noise sensitive point: User defined (400)	721,783	5,011,343	57.3	4.5	40.0	25.7	1,561	Yes	
OK	Noise sensitive point: User defined (401)	721,773	5,011,306	58.0	4.5	40.0	25.9	1,523	Yes	
OL	Noise sensitive point: User defined (402)	721,732	5,011,317	58.0	4.5	40.0	26.1	1,515	Yes	
OM	Noise sensitive point: User defined (403)	722,262	5,011,812	53.0	4.5	40.0	23.1	2,199	Yes	
ON	Noise sensitive point: User defined (404)	721,621	5,011,215	60.0	4.5	40.0	26.8	1,376	Yes	
OO	Noise sensitive point: User defined (405)	722,325	5,011,854	52.6	4.5	40.0	22.9	2,267	Yes	
OP	Noise sensitive point: User defined (406)	722,377	5,011,908	53.4	4.5	40.0	22.6	2,340	Yes	
OQ	Noise sensitive point: User defined (407)	722,409	5,011,986	54.0	4.5	40.0	22.3	2,423	Yes	

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DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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Noise sensitive area						Demands		Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Min Noise	Max From WTGs	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]			
OR	Noise sensitive point: User defined (408)	722,406	5,012,041	54.0	4.5	40.0	22.1	2,469	40.0	22.1	Yes
OS	Noise sensitive point: User defined (409)	722,527	5,012,193	55.2	4.5	40.0	21.5	2,662	40.0	21.5	Yes
OT	Noise sensitive point: User defined (410)	722,571	5,012,226	54.2	4.5	40.0	21.3	2,713	40.0	21.3	Yes
OU	Noise sensitive point: User defined (411)	722,611	5,012,217	52.9	4.5	40.0	21.3	2,726	40.0	21.3	Yes
OV	Noise sensitive point: User defined (412)	722,606	5,012,253	53.0	4.5	40.0	21.2	2,754	40.0	21.2	Yes
OW	Noise sensitive point: User defined (413)	722,642	5,012,240	52.2	4.5	40.0	21.1	2,762	40.0	21.1	Yes
OX	Noise sensitive point: User defined (414)	722,663	5,012,251	52.0	4.5	40.0	21.1	2,783	40.0	21.1	Yes
OY	Noise sensitive point: User defined (415)	722,653	5,012,280	52.0	4.5	40.0	21.0	2,802	40.0	21.0	Yes
OZ	Noise sensitive point: User defined (416)	722,681	5,012,289	52.0	4.5	40.0	21.0	2,824	40.0	21.0	Yes
PA	Noise sensitive point: User defined (417)	722,695	5,012,264	52.0	4.5	40.0	20.9	2,811	40.0	20.9	Yes
PB	Noise sensitive point: User defined (418)	722,706	5,012,295	52.0	4.5	40.0	20.9	2,843	40.0	20.9	Yes
PC	Noise sensitive point: User defined (419)	722,724	5,012,272	52.0	4.5	40.0	20.9	2,834	40.0	20.9	Yes
PD	Noise sensitive point: User defined (420)	722,726	5,012,300	52.0	4.5	40.0	20.9	2,858	40.0	20.9	Yes
PE	Noise sensitive point: User defined (421)	722,750	5,012,276	52.0	4.5	40.0	20.9	2,852	40.0	20.9	Yes
PF	Noise sensitive point: User defined (422)	722,850	5,012,287	52.5	4.5	40.0	20.8	2,918	40.0	20.8	Yes
PG	Noise sensitive point: User defined (423)	722,830	5,012,316	53.6	4.5	40.0	20.7	2,930	40.0	20.7	Yes
PH	Noise sensitive point: User defined (424)	722,755	5,012,303	52.0	4.5	40.0	20.9	2,877	40.0	20.9	Yes
PI	Noise sensitive point: User defined (425)	722,774	5,012,355	52.0	4.5	40.0	20.7	2,931	40.0	20.7	Yes
PJ	Noise sensitive point: User defined (426)	722,806	5,012,357	52.0	4.5	40.0	20.6	2,950	40.0	20.6	Yes
PK	Noise sensitive point: User defined (427)	722,795	5,012,382	52.0	4.5	40.0	20.6	2,965	40.0	20.6	Yes
PL	Noise sensitive point: User defined (428)	722,766	5,012,383	52.0	4.5	40.0	20.6	2,949	40.0	20.6	Yes
PM	Noise sensitive point: User defined (429)	722,757	5,012,419	52.0	4.5	40.0	20.5	2,975	40.0	20.5	Yes
PN	Noise sensitive point: User defined (430)	722,788	5,012,413	52.0	4.5	40.0	20.5	2,987	40.0	20.5	Yes
PO	Noise sensitive point: User defined (431)	722,781	5,012,439	52.0	4.5	40.0	20.4	3,004	40.0	20.4	Yes
PP	Noise sensitive point: User defined (432)	722,750	5,012,438	52.0	4.5	40.0	20.5	2,987	40.0	20.5	Yes
PQ	Noise sensitive point: User defined (433)	722,744	5,012,470	52.0	4.5	40.0	20.4	3,011	40.0	20.4	Yes
PR	Noise sensitive point: User defined (434)	722,771	5,012,475	52.0	4.5	40.0	20.4	3,029	40.0	20.4	Yes
PS	Noise sensitive point: User defined (435)	722,763	5,012,501	52.0	4.5	40.0	20.3	3,048	40.0	20.3	Yes
PT	Noise sensitive point: User defined (436)	722,755	5,012,530	52.0	4.5	40.0	20.2	3,068	40.0	20.2	Yes
PU	Noise sensitive point: User defined (437)	722,744	5,012,588	51.1	4.5	40.0	20.1	3,112	40.0	20.1	Yes
PV	Noise sensitive point: User defined (438)	722,691	5,012,499	50.6	4.5	40.0	20.4	3,009	40.0	20.4	Yes
PW	Noise sensitive point: User defined (439)	722,685	5,012,469	51.0	4.5	40.0	20.5	2,980	40.0	20.5	Yes
PX	Noise sensitive point: User defined (440)	722,657	5,012,490	49.5	4.5	40.0	20.5	2,983	40.0	20.5	Yes
PY	Noise sensitive point: User defined (441)	722,659	5,012,461	50.3	4.5	40.0	20.5	2,959	40.0	20.5	Yes
PZ	Noise sensitive point: User defined (442)	722,630	5,012,483	49.3	4.5	40.0	20.5	2,964	40.0	20.5	Yes
QA	Noise sensitive point: User defined (443)	722,634	5,012,456	50.2	4.5	40.0	20.6	2,942	40.0	20.6	Yes
QB	Noise sensitive point: User defined (444)	722,597	5,012,474	49.2	4.5	40.0	20.6	2,940	40.0	20.6	Yes
QC	Noise sensitive point: User defined (445)	722,555	5,012,448	50.0	4.5	40.0	20.7	2,897	40.0	20.7	Yes
QD	Noise sensitive point: User defined (446)	722,548	5,012,482	47.7	4.5	40.0	20.6	2,923	40.0	20.6	Yes
QE	Noise sensitive point: User defined (447)	722,873	5,012,325	54.0	4.5	40.0	20.6	2,962	40.0	20.6	Yes
QF	Noise sensitive point: User defined (448)	722,932	5,012,324	53.3	4.5	40.0	20.5	2,996	40.0	20.5	Yes
QG	Noise sensitive point: User defined (449)	722,998	5,012,335	51.3	4.5	40.0	20.4	3,044	40.0	20.4	Yes
QH	Noise sensitive point: User defined (450)	723,032	5,012,313	49.7	4.5	40.0	20.4	3,047	40.0	20.4	Yes
QI	Noise sensitive point: User defined (451)	723,038	5,012,347	49.9	4.5	40.0	20.3	3,078	40.0	20.3	Yes
QJ	Noise sensitive point: User defined (452)	723,067	5,012,360	49.0	4.5	40.0	20.2	3,106	40.0	20.2	Yes
QK	Noise sensitive point: User defined (453)	723,105	5,012,346	48.1	4.5	40.0	20.2	3,119	40.0	20.2	Yes
QL	Noise sensitive point: User defined (454)	723,136	5,012,371	48.1	4.5	40.0	20.1	3,157	40.0	20.1	Yes
QM	Noise sensitive point: User defined (455)	723,174	5,012,446	48.5	4.5	40.0	19.8	3,240	40.0	19.8	Yes
QN	Noise sensitive point: User defined (456)	723,224	5,012,489	48.3	4.5	40.0	19.7	3,305	40.0	19.7	Yes
QO	Noise sensitive point: User defined (457)	723,225	5,012,451	48.0	4.5	40.0	19.8	3,276	40.0	19.8	Yes
QP	Noise sensitive point: User defined (458)	723,245	5,012,508	48.0	4.5	40.0	19.6	3,332	40.0	19.6	Yes
QQ	Noise sensitive point: User defined (459)	723,314	5,012,499	47.0	4.5	40.0	19.5	3,368	40.0	19.5	Yes
QR	Noise sensitive point: User defined (460)	723,275	5,012,495	48.0	4.5	40.0	19.6	3,341	40.0	19.6	Yes
QS	Noise sensitive point: User defined (461)	723,281	5,012,546	48.0	4.5	40.0	19.4	3,384	40.0	19.4	Yes
QT	Noise sensitive point: User defined (462)	723,362	5,012,580	47.1	4.5	40.0	19.2	3,461	40.0	19.2	Yes
QU	Noise sensitive point: User defined (463)	723,375	5,012,598	47.1	4.5	40.0	19.2	3,484	40.0	19.2	Yes
QV	Noise sensitive point: User defined (464)	723,387	5,012,662	47.7	4.5	40.0	19.0	3,541	40.0	19.0	Yes
QW	Noise sensitive point: User defined (465)	723,440	5,012,674	46.5	4.5	40.0	18.9	3,583	40.0	18.9	Yes
QX	Noise sensitive point: User defined (466)	722,037	5,011,729	54.0	4.5	40.0	23.7	2,020	40.0	23.7	Yes
QY	Noise sensitive point: User defined (467)	722,397	5,011,952	54.0	4.5	40.0	22.4	2,388	40.0	22.4	Yes
QZ	Noise sensitive point: User defined (468)	722,580	5,012,434	50.4	4.5	40.0	20.7	2,896	40.0	20.7	Yes
RA	Noise sensitive point: User defined (469)	722,224	5,011,751	53.2	4.5	40.0	23.4	2,126	40.0	23.4	Yes
RB	Noise sensitive point: User defined (470)	722,081	5,011,661	55.7	4.5	40.0	23.9	1,979	40.0	23.9	Yes
RC	Noise sensitive point: User defined (471)	722,098	5,011,674	55.5	4.5	40.0	23.9	1,998	40.0	23.9	Yes

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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Noise sensitive area					Demands		Sound level		Demands fulfilled ?	
No.	Name	Easting	Northing	Z	Imission height	Min Noise	Max From WTGs	Distance to noise demand	Distance to noise demand	Noise
				[m]	[m]	[dB(A)]	[dB(A)]	[m]		
RD	Noise sensitive point: User defined (472)	722,120	5,011,689	55.3	4.5	40.0	23.8	2,022	Yes	
RE	Noise sensitive point: User defined (473)	722,139	5,011,702	55.1	4.5	40.0	23.7	2,043	Yes	
RF	Noise sensitive point: User defined (474)	722,155	5,011,714	54.9	4.5	40.0	23.6	2,061	Yes	
RG	Noise sensitive point: User defined (475)	722,179	5,011,726	54.6	4.5	40.0	23.5	2,083	Yes	
RH	Noise sensitive point: User defined (476)	723,607	5,007,595	17.3	4.5	40.0	26.5	2,016	Yes	
RI	Noise sensitive point: User defined (477)	721,764	5,010,925	89.2	4.5	40.0	28.1	1,182	Yes	
RJ	Noise sensitive point: User defined (478)	722,077	5,011,137	50.5	4.5	40.0	25.6	1,534	Yes	
RK	Noise sensitive point: User defined (479)	723,380	5,008,134	14.1	4.5	40.0	27.3	1,790	Yes	
RL	Noise sensitive point: User defined (480)	723,254	5,006,636	48.7	4.5	40.0	27.6	1,817	Yes	
RM	Noise sensitive point: User defined (481)	722,293	5,010,795	36.7	4.5	40.0	26.9	1,417	Yes	
RN	Noise sensitive point: User defined (482)	723,197	5,012,340	45.7	4.5	40.0	20.1	3,171	Yes	
RO	Noise sensitive point: User defined (483)	723,203	5,012,333	45.3	4.5	40.0	20.1	3,170	Yes	
RP	Noise sensitive point: User defined (484)	723,213	5,012,332	44.9	4.5	40.0	20.1	3,175	Yes	
RQ	Noise sensitive point: User defined (485)	723,177	5,012,376	47.2	4.5	40.0	20.0	3,187	Yes	
RR	Noise sensitive point: User defined (486)	723,230	5,012,340	44.6	4.5	40.0	20.0	3,192	Yes	
RS	Noise sensitive point: User defined (487)	723,239	5,012,346	44.5	4.5	40.0	20.0	3,202	Yes	
RT	Noise sensitive point: User defined (488)	723,248	5,012,358	44.7	4.5	40.0	19.9	3,218	Yes	
RU	Noise sensitive point: User defined (489)	723,247	5,012,369	45.1	4.5	40.0	19.9	3,225	Yes	
RV	Noise sensitive point: User defined (490)	723,231	5,012,360	45.3	4.5	40.0	20.0	3,208	Yes	
RW	Noise sensitive point: User defined (491)	723,245	5,012,378	45.7	4.5	40.0	19.9	3,231	Yes	
RX	Noise sensitive point: User defined (492)	723,239	5,012,386	46.1	4.5	40.0	19.9	3,233	Yes	
RY	Noise sensitive point: User defined (493)	723,183	5,012,368	46.9	4.5	40.0	20.0	3,184	Yes	
RZ	Noise sensitive point: User defined (494)	723,199	5,012,369	46.5	4.5	40.0	20.0	3,194	Yes	
SA	Noise sensitive point: User defined (495)	723,206	5,012,358	46.0	4.5	40.0	20.0	3,190	Yes	
SB	Noise sensitive point: User defined (496)	723,194	5,012,350	46.1	4.5	40.0	20.1	3,177	Yes	
SC	Noise sensitive point: User defined (497)	723,545	5,007,695	4.8	4.5	40.0	26.7	1,948	Yes	
SD	Noise sensitive point: User defined (498)	723,570	5,007,643	10.3	4.5	40.0	26.6	1,975	Yes	
SE	Noise sensitive point: User defined (499)	723,370	5,012,591	47.1	4.5	40.0	19.2	3,475	Yes	
SF	Noise sensitive point: User defined (500)	723,138	5,012,348	47.5	4.5	40.0	20.2	3,141	Yes	
SG	Noise sensitive point: User defined (501)	722,706	5,006,186	42.0	4.5	40.0	29.4	1,443	Yes	
SH	Noise sensitive point: User defined (502)	722,717	5,006,205	42.0	4.5	40.0	29.4	1,444	Yes	
SI	Noise sensitive point: User defined (503)	722,748	5,006,277	42.0	4.5	40.0	29.4	1,441	Yes	
SJ	Noise sensitive point: User defined (504)	723,190	5,006,673	40.9	4.5	40.0	27.9	1,747	Yes	
SK	Noise sensitive point: User defined (505)	723,353	5,007,007	38.3	4.5	40.0	27.4	1,862	Yes	
SL	Noise sensitive point: User defined (506)	724,210	5,007,703	16.4	4.5	40.0	24.1	2,611	Yes	
SM	Noise sensitive point: User defined (507)	723,242	5,007,741	10.2	4.5	40.0	28.0	1,643	Yes	
SN	Noise sensitive point: User defined (508)	722,552	5,009,267	29.0	4.5	40.0	30.5	1,056	Yes	
SO	Noise sensitive point: User defined (509)	722,497	5,009,308	35.3	4.5	40.0	30.8	1,004	Yes	
SP	Noise sensitive point: User defined (510)	721,473	5,011,206	65.4	4.5	40.0	27.1	1,312	Yes	

Distances (m)

NSA	WTG									
	1	2	3	4	5	6	7	8	9	10
A	1708	1307	2148	2826	3403	4169	3394	4350	5042	5667
B	1433	1073	1882	2575	3161	3924	3119	4079	4788	5410
C	1440	1045	1876	2557	3139	3903	3125	4078	4772	5396
D	1156	829	1606	2306	2899	3660	2842	3801	4517	5137
E	4324	4551	3790	3045	2454	1689	2973	2074	923	636
F	4129	4367	3597	2855	2272	1504	2769	1875	719	512
G	4497	4240	4026	3383	2907	2736	4165	3890	3070	3390
H	4491	4229	4023	3383	2912	2750	4173	3906	3093	3417
I	4484	4216	4018	3382	2916	2763	4179	3920	3114	3443
J	4476	4204	4012	3381	2918	2773	4184	3932	3133	3465
K	4278	3945	3844	3268	2869	2844	4154	4011	3320	3713
L	7066	7290	6535	5791	5196	4434	5629	4644	3622	3069
M	4312	4016	3860	3251	2816	2731	4094	3896	3156	3524
N	6111	6242	5568	4801	4183	3459	4846	3949	2800	2405
O	4771	4524	4294	3638	3144	2925	4389	4064	3187	3460
P	4797	4865	4254	3483	2859	2200	3716	2967	1803	1727
Q	7022	7242	6490	5744	5147	4387	5594	4612	3581	3034
R	7042	7261	6510	5764	5167	4406	5615	4634	3601	3056
S	7060	7277	6527	5781	5183	4423	5634	4652	3619	3074
T	7076	7293	6543	5797	5199	4439	5651	4669	3636	3091

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DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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WTG	1	2	3	4	5	6	7	8	9	10
NSA										
U	7092	7308	6559	5812	5214	4454	5668	4687	3652	3108
V	7111	7326	6578	5831	5232	4473	5688	4707	3672	3128
W	7127	7341	6594	5846	5248	4489	5705	4725	3689	3146
X	7153	7365	6620	5872	5272	4514	5733	4753	3715	3174
Y	7177	7391	6644	5896	5297	4538	5754	4774	3738	3195
Z	7191	7405	6658	5911	5312	4553	5766	4785	3751	3207
AA	7208	7424	6675	5928	5330	4571	5781	4798	3767	3221
AB	7229	7446	6697	5950	5352	4592	5803	4820	3789	3243
AC	7217	7432	6684	5937	5339	4579	5792	4811	3778	3233
AD	7205	7419	6672	5925	5326	4567	5783	4802	3767	3223
AE	7194	7406	6660	5913	5313	4554	5772	4792	3756	3213
AF	7181	7392	6648	5899	5300	4541	5762	4782	3744	3203
AG	7163	7373	6629	5880	5280	4522	5746	4767	3726	3187
AH	7152	7362	6618	5870	5270	4512	5735	4757	3716	3177
AI	7132	7344	6599	5851	5251	4493	5715	4736	3696	3156
AJ	7118	7329	6584	5836	5237	4478	5699	4720	3680	3140
AK	7098	7311	6564	5817	5218	4459	5678	4698	3660	3119
AL	7080	7294	6547	5800	5201	4442	5659	4680	3642	3100
AM	7063	7277	6530	5782	5184	4425	5641	4661	3624	3082
AN	7046	7262	6514	5767	5169	4409	5623	4643	3607	3064
AO	7031	7247	6498	5752	5154	4394	5607	4626	3591	3047
AP	7023	7240	6491	5744	5146	4386	5599	4618	3584	3039
AQ	7005	7223	6473	5727	5129	4369	5580	4599	3565	3020
AR	6994	7213	6462	5716	5119	4358	5567	4585	3553	3007
AS	6990	7210	6458	5712	5116	4355	5561	4579	3548	3001
AT	7184	7399	6651	5904	5306	4546	5761	4780	3745	3201
AU	7199	7415	6666	5919	5321	4562	5774	4792	3759	3214
AV	7212	7429	6679	5933	5335	4575	5784	4801	3771	3224
AW	7224	7439	6691	5944	5346	4586	5798	4816	3784	3238
AX	7212	7426	6679	5932	5333	4574	5788	4807	3773	3228
AY	7199	7412	6665	5918	5319	4560	5777	4796	3760	3217
AZ	7187	7399	6653	5905	5306	4547	5767	4787	3749	3208
BA	4856	4944	4312	3541	2917	2236	3730	2950	1776	1648
BB	4436	4282	3930	3222	2675	2350	3868	3460	2536	2796
BC	5667	5858	5130	4374	3769	3016	4317	3382	2269	1810
BD	6146	6359	5612	4864	4266	3506	4745	3780	2715	2196
BE	7203	7424	6671	5926	5330	4569	5769	4784	3760	3208
BF	7164	7377	6631	5883	5284	4525	5743	4763	3726	3184
BG	7138	7351	6605	5857	5258	4499	5717	4737	3700	3158
BH	5520	5706	4981	4225	3618	2868	4181	3254	2131	1691
BI	7118	7333	6585	5838	5239	4480	5696	4715	3680	3136
BJ	5557	5744	5019	4262	3656	2905	4216	3288	2167	1723
BK	5530	5726	4993	4239	3635	2881	4176	3242	2129	1672
BL	4766	4830	4223	3452	2828	2175	3696	2957	1796	1737
BM	4765	4683	4240	3497	2907	2441	4004	3455	2406	2537
BN	5497	5689	4959	4205	3600	2847	4149	3218	2100	1651
BO	5945	6136	5408	4653	4047	3295	4584	3640	2539	2061
BP	6154	6374	5622	4876	4279	3518	4744	3775	2718	2191
BQ	7131	7356	6600	5856	5261	4499	5694	4708	3687	3133
BR	5461	5666	4925	4174	3573	2815	4092	3152	2048	1578
BS	4351	4085	3886	3252	2790	2654	4057	3815	3032	3379
BT	7143	7354	6610	5861	5261	4503	5726	4747	3707	3167
BU	3916	3595	3480	2907	2520	2539	3807	3704	3078	3512
BV	5506	5710	4970	4218	3617	2860	4138	3198	2094	1623
BW	5801	5988	5263	4507	3901	3150	4452	3515	2405	1942
BX	3325	2923	2944	2489	2249	2501	3503	3608	3223	3750
BY	2395	1938	2081	1808	1809	2341	2899	3265	3221	3828
BZ	2443	1990	2123	1835	1819	2337	2924	3274	3211	3816
CA	2490	2054	2156	1837	1792	2288	2921	3245	3154	3755
CB	4819	4602	4331	3654	3138	2868	4361	3990	3072	3315
CC	4472	4320	3965	3257	2708	2377	3898	3483	2551	2804
CD	7455	7657	6920	6169	5567	4811	6045	5067	4023	3487
CE	4332	4045	3875	3259	2816	2714	4090	3879	3124	3485
CF	7682	7851	7143	6384	5773	5028	6318	5357	4279	3773
CG	7531	7757	7001	6257	5662	4901	6086	5095	4085	3525
CH	4764	4455	4314	3705	3261	3136	4533	4295	3490	3807

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DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

WTG	1	2	3	4	5	6	7	8	9	10
NSA										
CI	4868	4916	4326	3556	2933	2294	3824	3094	1936	1876
CJ	4787	4831	4245	3475	2852	2220	3755	3038	1886	1852
CK	5366	5529	4826	4064	3451	2711	4074	3177	2027	1649
CL	4569	4450	4053	3327	2757	2365	3909	3437	2453	2660
CM	4595	4540	4066	3315	2717	2225	3791	3228	2175	2317
CN	6161	6296	5619	4853	4234	3508	4889	3987	2841	2438
CO	8001	8162	7461	6701	6088	5346	6644	5684	4603	4100
CP	5614	5788	5074	4315	3705	2959	4292	3373	2242	1815
CQ	7414	7615	6879	6128	5525	4770	6008	5032	3984	3450
CR	2740	2301	2398	2047	1947	2380	3119	3386	3213	3797
CS	7651	7864	7118	6371	5772	5013	6223	5238	4211	3662
CT	2705	2265	2365	2018	1926	2368	3092	3367	3206	3792
CU	4193	4023	3693	2998	2469	2204	3689	3340	2483	2801
CV	2881	2454	2526	2142	2001	2387	3201	3424	3196	3767
CW	4471	4376	3949	3214	2634	2213	3765	3273	2279	2486
CX	4500	4414	3976	3237	2653	2216	3773	3264	2258	2451
CY	4324	4178	3816	3106	2557	2235	3750	3348	2437	2715
CZ	4865	5008	4323	3556	2939	2213	3635	2789	1614	1373
DA	6155	6392	5625	4885	4295	3530	4718	3738	2708	2158
DB	5962	6167	5426	4676	4075	3317	4578	3622	2540	2039
DC	6879	7095	6346	5599	5001	4241	5457	4478	3440	2898
DD	7175	7385	6641	5893	5293	4535	5757	4777	3738	3198
DE	4600	4532	4073	3327	2733	2261	3824	3279	2239	2392
DF	4609	4593	4074	3313	2702	2155	3719	3102	2012	2107
DG	5046	4780	4576	3928	3440	3222	4687	4358	3463	3713
DH	5568	5740	5029	4269	3658	2914	4253	3338	2203	1785
DI	4179	3889	3726	3116	2684	2611	3962	3777	3057	3442
DJ	5031	4776	4557	3901	3406	3173	4647	4305	3400	3643
DK	3987	3670	3548	2969	2573	2573	3859	3739	3093	3516
DL	4919	4681	4439	3774	3269	3022	4503	4150	3242	3487
DM	5672	5850	5133	4375	3765	3018	4343	3418	2293	1855
DN	4978	5033	4435	3665	3041	2391	3911	3161	1995	1895
DO	5447	5570	4904	4135	3515	2799	4222	3361	2192	1879
DP	4582	4637	4040	3269	2646	2009	3545	2837	1694	1703
DQ	4138	3941	3647	2971	2464	2252	3705	3402	2587	2931
DR	2459	1999	2144	1863	1850	2368	2953	3305	3241	3845
DS	7642	7818	7104	6346	5737	4989	6267	5302	4231	3718
DT	7688	7863	7150	6392	5782	5036	6315	5351	4279	3766
DU	5339	5501	4798	4036	3423	2684	4049	3154	2002	1629
DV	5214	5368	4672	3908	3293	2559	3943	3062	1901	1563
DW	5280	5420	4737	3971	3353	2627	4031	3161	1995	1674
DX	5352	5485	4810	4042	3423	2702	4116	3250	2082	1766
DY	7646	7862	7114	6367	5769	5009	6213	5226	4204	3652
DZ	7672	7888	7139	6393	5795	5035	6239	5252	4230	3678
EA	7596	7810	7063	6316	5717	4958	6168	5183	4156	3607
EB	4992	5134	4450	3683	3066	2340	3756	2903	1730	1460
EC	4183	3915	3720	3093	2641	2535	3914	3699	2954	3327
ED	6759	6993	6229	5489	4897	4133	5314	4327	3311	2753
EE	6021	6304	5501	4781	4213	3444	4521	3519	2571	1973
EF	6045	6333	5527	4809	4244	3475	4539	3535	2597	1995
EG	4427	4140	3970	3351	2902	2787	4175	3950	3176	3524
EH	3802	3475	3370	2807	2436	2486	3722	3647	3056	3507
EI	3777	3446	3348	2791	2425	2486	3712	3646	3066	3521
EJ	3739	3401	3314	2765	2410	2489	3695	3645	3083	3545
EK	4884	4629	4410	3757	3266	3046	4511	4184	3299	3561
EL	4877	4619	4404	3753	3264	3050	4511	4190	3309	3575
EM	4148	3853	3697	3092	2666	2605	3946	3772	3065	3456
EN	5283	5429	4741	3976	3359	2630	4025	3149	1985	1653
EO	3021	2607	2654	2238	2056	2394	3280	3459	3176	3733
EP	3052	2641	2682	2260	2070	2397	3299	3468	3172	3727
EQ	4160	3981	3663	2975	2453	2209	3682	3351	2512	2842
ER	4623	4684	4080	3310	2686	2040	3570	2849	1699	1686
ES	4604	4629	4064	3296	2676	2075	3627	2956	1833	1878
ET	4468	4218	3995	3347	2867	2690	4123	3843	3020	3340
EU	4598	4617	4059	3292	2673	2080	3635	2972	1854	1909
EV	6468	6719	5941	5207	4622	3856	5005	4013	3016	2445

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DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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WTG	1	2	3	4	5	6	7	8	9	10
NSA	1	2	3	4	5	6	7	8	9	10
EW	6231	6489	5705	4974	4393	3625	4762	3770	2778	2203
EX	4399	4150	3926	3279	2801	2632	4059	3787	2976	3306
EY	4385	4083	3935	3329	2895	2808	4173	3973	3225	3587
EZ	4089	3786	3641	3046	2630	2590	3912	3758	3072	3475
FA	4076	3771	3630	3037	2625	2592	3908	3759	3079	3485
FB	4713	4790	4170	3398	2775	2109	3620	2869	1705	1637
FC	4560	4490	4032	3287	2695	2227	3790	3251	2218	2382
FD	4777	4534	4300	3640	3144	2918	4386	4055	3173	3442
FE	7159	7383	6628	5883	5288	4526	5723	4737	3715	3162
FF	4955	5009	4412	3642	3019	2370	3892	3146	1982	1890
FG	4273	3980	3820	3210	2775	2691	4052	3857	3120	3493
FH	4016	3701	3576	2994	2595	2587	3880	3753	3098	3516
FI	4039	3727	3597	3011	2607	2590	3891	3756	3092	3506
FJ	4100	3811	3646	3039	2610	2548	3890	3716	3012	3407
FK	3631	3264	3223	2709	2395	2535	3674	3679	3176	3660
FL	4118	3836	3662	3049	2613	2539	3891	3705	2990	3380
FM	4804	4557	4327	3670	3176	2953	4419	4091	3209	3477
FN	4131	3873	3664	3031	2573	2459	3843	3623	2878	3254
FO	4881	4975	4338	3567	2943	2257	3744	2956	1781	1636
FP	4895	4983	4352	3581	2957	2276	3769	2986	1813	1676
FQ	4890	4975	4346	3575	2952	2273	3768	2989	1816	1685
FR	4915	4973	4372	3601	2978	2326	3846	3098	1934	1844
FS	4925	4984	4383	3612	2988	2335	3854	3104	1939	1845
FT	4516	4410	3997	3266	2691	2283	3832	3349	2360	2567
FU	4574	4467	4055	3324	2748	2337	3887	3397	2400	2595
FV	4542	4456	4018	3278	2693	2252	3809	3294	2280	2463
FW	4578	4487	4055	3318	2734	2297	3854	3342	2328	2508
FX	4615	4519	4093	3357	2776	2343	3899	3389	2374	2551
FY	4596	4495	4076	3342	2764	2341	3895	3395	2389	2574
FZ	4623	4519	4103	3370	2792	2371	3924	3424	2415	2598
GA	4638	4537	4117	3382	2802	2373	3929	3421	2407	2583
GB	4583	4509	4057	3313	2721	2258	3820	3283	2251	2413
GC	4360	4226	3849	3133	2577	2232	3757	3335	2405	2667
GD	4706	4739	4165	3397	2776	2160	3705	3011	1873	1878
GE	4250	4081	3749	3053	2521	2246	3737	3378	2507	2814
GF	6778	7006	6247	5505	4911	4148	5342	4358	3334	2782
GG	7761	7933	7222	6464	5853	5108	6392	5428	4354	3844
GH	2341	1867	2041	1799	1830	2384	2894	3286	3271	3882
GI	4236	3940	3784	3178	2747	2673	4026	3840	3114	3494
GJ	3852	3504	3430	2886	2531	2601	3817	3760	3180	3632
GK	5713	5917	5177	4426	3825	3067	4337	3389	2295	1809
GL	3581	3194	3186	2696	2409	2586	3681	3721	3251	3747
GM	3609	3224	3213	2720	2428	2597	3701	3733	3255	3748
GN	4892	4965	4349	3578	2954	2287	3795	3031	1861	1752
GO	6176	6444	5653	4925	4349	3581	4695	3698	2723	2139
GP	6150	6418	5627	4900	4324	3555	4668	3672	2697	2112
GQ	6201	6465	5676	4948	4369	3601	4724	3729	2748	2167
GR	6223	6487	5699	4970	4391	3623	4747	3752	2770	2190
GS	6488	6741	5961	5228	4645	3878	5020	4027	3035	2462
GT	4539	4448	4016	3279	2696	2262	3818	3311	2302	2490
GU	4431	4150	3971	3347	2893	2768	4163	3929	3148	3492
GV	6200	6412	5666	4917	4318	3559	4800	3835	2770	2251
GW	3554	3164	3161	2676	2394	2580	3664	3712	3252	3752
GX	3538	3146	3146	2664	2386	2578	3655	3708	3254	3756
GY	6852	7075	6320	5575	4980	4218	5421	4439	3409	2861
GZ	4486	4192	4032	3417	2972	2860	4245	4022	3246	3590
HA	3527	3141	3132	2644	2360	2547	3631	3678	3221	3723
HB	3552	3168	3155	2663	2375	2554	3648	3688	3222	3721
HC	6665	6906	6137	5398	4810	4044	5213	4224	3216	2652
HD	4245	4049	3753	3074	2561	2330	3796	3475	2635	2959
HE	4072	3834	3596	2949	2477	2341	3741	3503	2748	3124
HF	4784	4544	4304	3642	3143	2911	4382	4046	3158	3424
HG	4789	4553	4308	3644	3142	2904	4379	4038	3145	3407
HH	4795	4563	4313	3646	3141	2897	4376	4029	3131	3389
HI	4441	4191	3968	3320	2840	2666	4097	3820	3001	3325
HJ	7334	7547	6801	6053	5454	4695	5909	4926	3894	3349

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DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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WTG	1	2	3	4	5	6	7	8	9	10
NSA										
HK	7251	7469	6718	5973	5375	4615	5819	4835	3809	3259
HL	4430	4270	3925	3221	2678	2365	3877	3479	2563	2829
HM	5906	6109	5370	4619	4017	3260	4527	3575	2488	1993
HN	5847	6048	5311	4559	3956	3200	4475	3527	2433	1946
HO	6087	6324	5557	4817	4227	3463	4652	3673	2640	2092
HP	4459	4196	3991	3352	2882	2725	4144	3881	3074	3403
HQ	4456	4190	3990	3354	2887	2736	4151	3893	3091	3422
HR	6055	6292	5525	4785	4196	3431	4619	3641	2608	2060
HS	4690	4465	4206	3536	3029	2785	4263	3919	3029	3298
HT	6690	6928	6161	5422	4832	4067	5240	4252	3241	2679
HU	5210	5298	4667	3896	3272	2586	4065	3259	2081	1875
HV	4985	5092	4441	3671	3048	2349	3814	3000	1823	1626
HW	6023	6183	5483	4720	4107	3368	4713	3793	2663	2230
HX	5743	5927	5205	4448	3840	3091	4401	3470	2353	1900
HY	4529	4452	4004	3262	2673	2221	3780	3256	2236	2414
HZ	5355	5494	4813	4046	3428	2703	4108	3236	2071	1743
IA	5433	5563	4890	4122	3503	2782	4196	3327	2161	1837
IB	5448	5615	4907	4146	3535	2792	4143	3237	2094	1697
IC	6680	6916	6151	5411	4820	4056	5235	4248	3232	2674
ID	6811	7037	6280	5536	4942	4179	5377	4394	3367	2817
IE	1998	1454	1779	1712	1898	2550	2798	3326	3466	4095
IF	1980	1427	1770	1718	1916	2573	2802	3340	3491	4121
IG	2186	1688	1914	1737	1833	2432	2834	3283	3335	3955
IH	2621	2190	2278	1933	1850	2308	3008	3295	3156	3747
II	2647	2212	2307	1963	1880	2334	3039	3324	3179	3769
IJ	2541	2090	2217	1911	1869	2362	2996	3321	3224	3822
IK	2581	2131	2253	1937	1884	2364	3020	3334	3221	3817
IL	2628	2183	2295	1967	1898	2364	3047	3345	3214	3806
IM	2678	2237	2340	1999	1914	2364	3075	3358	3207	3795
IN	2691	2260	2346	1992	1894	2334	3063	3335	3172	3758
IO	2757	2331	2407	2037	1920	2339	3103	3354	3166	3747
IP	2812	2388	2457	2078	1947	2349	3139	3376	3168	3744
IQ	2835	2413	2479	2094	1956	2350	3153	3382	3165	3740
IR	2849	2428	2492	2105	1963	2353	3162	3387	3165	3738
IS	2881	2462	2522	2128	1978	2358	3183	3399	3164	3735
IT	2943	2521	2584	2187	2028	2394	3239	3444	3192	3757
IU	3003	2581	2643	2239	2070	2421	3287	3480	3209	3769
IV	2966	2547	2604	2201	2035	2392	3250	3447	3185	3748
IW	3057	2656	2682	2249	2048	2366	3282	3441	3136	3689
IX	3099	2692	2726	2296	2094	2406	3329	3485	3172	3721
IY	3126	2719	2752	2319	2112	2417	3350	3500	3178	3725
IZ	3164	2763	2785	2340	2121	2409	3365	3499	3160	3702
JA	3160	2754	2785	2348	2136	2432	3377	3519	3187	3731
JB	3215	2807	2839	2398	2179	2463	3423	3556	3208	3746
JC	3257	2853	2879	2431	2202	2472	3451	3571	3207	3741
JD	3338	2942	2952	2488	2239	2480	3497	3591	3197	3721
JE	3283	2880	2903	2452	2219	2482	3470	3584	3212	3743
JF	3365	2964	2983	2523	2277	2519	3534	3630	3234	3756
JG	3419	3019	3034	2569	2314	2542	3575	3659	3246	3762
JH	3510	3123	3117	2632	2353	2546	3622	3675	3225	3729
JI	3490	3094	3102	2628	2360	2568	3626	3692	3256	3764
JJ	3579	3199	3180	2683	2388	2556	3662	3693	3216	3711
JK	3698	3327	3292	2778	2462	2594	3741	3740	3223	3702
JL	3649	3289	3237	2715	2391	2519	3672	3665	3150	3630
JM	3713	3369	3291	2750	2404	2496	3688	3650	3101	3569
JN	3685	3335	3267	2732	2394	2500	3678	3652	3116	3589
JO	3726	3376	3308	2772	2431	2529	3715	3682	3135	3604
JP	3861	3527	3432	2873	2504	2552	3790	3714	3116	3562
JO	3860	3542	3423	2851	2466	2493	3753	3656	3042	3483
JR	3964	3617	3540	2988	2623	2670	3910	3832	3224	3662
JS	3956	3644	3516	2934	2537	2537	3822	3702	3059	3484
JT	3976	3643	3545	2981	2601	2627	3888	3791	3165	3595
JU	4001	3692	3558	2971	2567	2553	3852	3720	3061	3479
JV	4024	3719	3579	2988	2580	2557	3864	3724	3056	3469
JW	4057	3748	3614	3025	2618	2595	3902	3762	3091	3502
JX	4061	3762	3612	3014	2596	2556	3879	3723	3039	3444

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DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

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WTG	1	2	3	4	5	6	7	8	9	10
NSA										
JY	4473	4231	3997	3343	2857	2667	4109	3817	2985	3299
JZ	4509	4257	4036	3389	2908	2728	4164	3880	3052	3367
KA	4629	4356	4164	3529	3061	2898	4323	4052	3227	3538
KB	4077	3782	3626	3024	2602	2554	3884	3721	3029	3431
KC	4125	3846	3666	3049	2609	2528	3886	3694	2973	3360
KD	4381	4096	3924	3305	2857	2746	4130	3909	3143	3496
KE	4567	4336	4086	3423	2924	2705	4167	3847	2985	3277
KF	4542	4278	4074	3435	2962	2797	4223	3951	3130	3448
KG	4536	4267	4070	3434	2966	2808	4229	3964	3150	3471
KH	4532	4259	4067	3435	2970	2819	4234	3975	3167	3491
KI	4521	4243	4060	3431	2971	2830	4238	3988	3188	3517
KJ	4608	4339	4142	3505	3034	2867	4295	4021	3195	3506
KK	4687	4432	4214	3564	3079	2881	4330	4027	3171	3461
KL	4674	4406	4206	3566	3092	2915	4350	4066	3227	3529
KM	4688	4415	4222	3585	3114	2942	4373	4094	3258	3561
KN	4705	4432	4239	3602	3130	2957	4389	4108	3270	3570
KO	4765	4494	4298	3658	3182	2999	4439	4147	3297	3587
KP	4814	4548	4345	3701	3220	3025	4473	4170	3307	3588
KQ	4722	4459	4252	3608	3128	2939	4383	4087	3235	3527
KR	4795	4536	4323	3675	3190	2986	4440	4130	3262	3541
KS	4797	4545	4323	3670	3179	2965	4425	4105	3229	3502
KT	4753	4494	4281	3633	3149	2950	4400	4095	3233	3517
KU	4812	4569	4333	3673	3175	2945	4415	4080	3192	3455
KV	4766	4514	4292	3639	3149	2938	4397	4080	3209	3486
KW	4852	4620	4369	3700	3193	2942	4425	4070	3163	3412
KX	4855	4638	4368	3691	3173	2901	4396	4022	3100	3337
KY	4796	4570	4311	3640	3130	2875	4360	4003	3098	3351
KZ	4922	4709	4433	3752	3230	2945	4448	4060	3124	3348
LA	4976	4765	4485	3802	3277	2983	4490	4093	3147	3361
LB	5021	4817	4527	3839	3309	3001	4515	4104	3144	3346
LC	4141	3875	3676	3048	2597	2492	3869	3657	2918	3296
LD	4114	3862	3644	3006	2543	2422	3812	3586	2837	3212
LE	4091	3847	3618	2975	2507	2377	3773	3540	2787	3163
LF	4090	3890	3601	2928	2426	2228	3671	3382	2582	2937
LG	4106	3914	3614	2935	2425	2211	3665	3361	2548	2895
LH	4154	3966	3660	2977	2462	2233	3697	3379	2551	2887
LI	4123	3940	3627	2942	2425	2193	3658	3339	2512	2851
LJ	4169	3994	3671	2980	2455	2203	3680	3343	2497	2823
LK	4183	4011	3684	2991	2464	2205	3686	3343	2491	2812
LL	4231	4052	3733	3044	2520	2264	3744	3402	2546	2863
LM	4217	4049	3716	3020	2488	2217	3705	3350	2486	2798
LN	4164	3998	3663	2968	2437	2171	3656	3308	2454	2775
LO	4247	4086	3745	3045	2508	2222	3719	3351	2473	2776
LP	4291	4133	3787	3084	2544	2247	3750	3370	2480	2772
LQ	4255	4102	3749	3044	2501	2199	3704	3322	2433	2728
LR	4347	4196	3840	3132	2586	2268	3781	3383	2472	2748
LS	4368	4236	3857	3139	2581	2232	3759	3333	2398	2657
LT	4536	4379	4030	3323	2775	2445	3966	3549	2610	2854
LU	4482	4342	3972	3257	2701	2350	3879	3447	2500	2742
LV	4334	4213	3819	3096	2533	2168	3701	3264	2323	2581
LW	4408	4291	3892	3168	2600	2221	3760	3307	2348	2587
LX	4561	4434	4047	3325	2760	2381	3921	3460	2486	2702
LY	4428	4317	3911	3183	2613	2223	3766	3302	2335	2565
LZ	4361	4259	3842	3111	2537	2141	3685	3219	2254	2492
MA	4598	4487	4079	3349	2775	2366	3915	3427	2429	2623
MB	4503	4404	3982	3248	2670	2253	3804	3313	2319	2522
MC	4462	4362	3942	3210	2633	2223	3772	3289	2303	2517
MD	4672	4585	4148	3408	2822	2371	3931	3401	2369	2525
ME	4679	4632	4148	3395	2793	2284	3850	3266	2195	2308
MF	4702	4617	4178	3437	2848	2391	3952	3416	2377	2524
MG	4660	4598	4132	3383	2786	2299	3864	3302	2247	2380
MH	4818	4746	4291	3544	2950	2466	4031	3464	2399	2509
MI	4642	4597	4110	3356	2754	2243	3809	3226	2158	2277
MJ	4613	4576	4080	3325	2720	2201	3767	3177	2105	2223
MK	4596	4596	4058	3295	2680	2111	3672	3034	1932	2011
ML	4632	4632	4094	3330	2715	2142	3703	3060	1953	2021

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

WTG	1	2	3	4	5	6	7	8	9	10
NSA	1	2	3	4	5	6	7	8	9	10
MM	4638	4645	4099	3334	2718	2137	3696	3045	1932	1991
MN	4595	4605	4056	3290	2673	2091	3650	2999	1889	1956
MO	4633	4648	4093	3327	2709	2118	3673	3011	1893	1942
MP	4634	4652	4094	3327	2708	2113	3667	3001	1879	1924
MQ	4601	4631	4060	3292	2672	2063	3613	2934	1807	1845
MR	4638	4666	4097	3329	2709	2101	3651	2971	1841	1871
MS	4614	4654	4072	3303	2681	2060	3604	2912	1777	1797
MT	4642	4673	4101	3333	2712	2100	3648	2963	1831	1856
MU	4644	4682	4102	3333	2712	2092	3636	2943	1806	1821
MV	4650	4691	4108	3338	2717	2092	3634	2935	1795	1803
MW	4833	4856	4293	3525	2905	2295	3842	3147	2006	1992
MX	4824	4856	4283	3514	2893	2272	3814	3108	1961	1935
MY	4681	4732	4138	3368	2745	2108	3642	2926	1778	1761
MZ	4746	4814	4203	3432	2808	2151	3670	2926	1765	1704
NA	4845	4922	4301	3530	2906	2237	3743	2978	1809	1704
NB	4823	4895	4280	3509	2885	2221	3733	2977	1810	1721
NC	4803	4880	4259	3488	2864	2195	3703	2941	1774	1680
ND	4895	4973	4352	3580	2956	2285	3788	3017	1846	1727
NE	4889	4956	4345	3574	2951	2290	3804	3048	1880	1782
NF	4988	5049	4445	3674	3051	2395	3910	3153	1984	1873
NG	4907	4998	4364	3593	2969	2286	3775	2988	1813	1668
NH	4899	4997	4355	3584	2961	2270	3750	2954	1778	1619
NI	6714	6950	6184	5445	4854	4090	5266	4278	3265	2705
NJ	4902	4649	4427	3772	3279	3055	4522	4191	3301	3560
NK	1981	1448	1753	1676	1859	2511	2763	3287	3428	4057
NL	1945	1402	1730	1676	1877	2538	2759	3299	3456	4087
NM	4304	4017	3848	3233	2790	2693	4066	3858	3109	3474
NN	4130	3952	3633	2944	2423	2182	3652	3325	2492	2827
NO	4116	3930	3622	2940	2425	2200	3661	3348	2527	2869
NP	4699	4420	4236	3605	3138	2977	4401	4130	3301	3606
NQ	4401	4117	3943	3321	2872	2755	4143	3917	3145	3495
NR	4466	4301	3963	3262	2721	2411	3922	3525	2608	2871
NS	4912	5004	4368	3597	2974	2288	3775	2986	1810	1661
NT	2234	1745	1953	1754	1829	2415	2851	3282	3313	3930
NU	4186	3990	3694	3016	2505	2284	3743	3431	2604	2938
NV	2144	1637	1882	1727	1843	2454	2823	3289	3360	3982
NW	4349	4056	3895	3283	2844	2749	4119	3913	3162	3524
NX	4220	3963	3752	3116	2653	2524	3921	3686	2921	3283
NY	4969	5029	4426	3655	3031	2375	3891	3136	1968	1862
NZ	4513	4267	4037	3385	2899	2708	4151	3858	3021	3331
OA	6803	7032	6272	5530	4937	4174	5364	4379	3357	2803
OB	6793	7024	6263	5521	4928	4165	5353	4367	3347	2792
OC	6752	6982	6222	5480	4887	4124	5314	4329	3307	2753
OD	6728	6960	6197	5456	4864	4100	5287	4301	3281	2726
OE	6550	6796	6022	5286	4699	3933	5092	4102	3099	2532
OF	6475	6729	5949	5216	4633	3866	5007	4013	3022	2448
OG	6369	6630	5844	5114	4534	3766	4894	3899	2916	2337
OH	6499	6748	5972	5237	4652	3885	5038	4047	3047	2478
OI	6353	6604	5826	5092	4508	3741	4890	3899	2901	2330
OJ	6166	6431	5642	4914	4336	3568	4690	3695	2713	2132
OK	6128	6393	5604	4875	4298	3529	4652	3658	2675	2095
OL	6125	6394	5602	4875	4300	3531	4643	3646	2672	2087
OM	6776	7008	6246	5504	4912	4149	5334	4348	3329	2773
ON	5993	6270	5471	4749	4178	3409	4501	3502	2541	1949
OO	6838	7066	6307	5564	4970	4208	5402	4418	3393	2841
OP	6909	7133	6377	5633	5038	4276	5475	4492	3465	2915
OQ	6993	7216	6461	5717	5122	4360	5558	4574	3549	2998
OR	7042	7268	6511	5768	5173	4411	5604	4618	3597	3043
OS	7229	7450	6697	5952	5355	4595	5797	4812	3787	3236
OT	7277	7494	6744	5998	5400	4640	5847	4864	3836	3287
OU	7285	7498	6752	6004	5405	4646	5861	4879	3846	3301
OV	7315	7530	6783	6036	5437	4678	5889	4906	3875	3329
OW	7318	7529	6784	6036	5437	4678	5896	4915	3880	3337
OX	7337	7547	6803	6055	5455	4697	5917	4937	3900	3358
OY	7359	7571	6826	6078	5478	4720	5937	4955	3921	3377
OZ	7378	7588	6845	6096	5496	4738	5959	4978	3941	3399

To be continued on next page...

DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

WTG	1	2	3	4	5	6	7	8	9	10
NSA	1	2	3	4	5	6	7	8	9	10
PA	7361	7569	6827	6078	5477	4720	5945	4965	3926	3386
PB	7394	7602	6860	6111	5510	4753	5977	4997	3958	3418
PC	7381	7586	6846	6096	5495	4738	5967	4989	3947	3408
PD	7407	7613	6872	6123	5521	4764	5992	5012	3972	3433
PE	7395	7598	6860	6110	5507	4751	5984	5007	3962	3426
PF	7446	7641	6911	6158	5553	4799	6047	5074	4020	3492
PG	7464	7662	6929	6177	5573	4818	6061	5086	4036	3504
PH	7422	7626	6887	6137	5535	4779	6010	5032	3989	3452
PI	7477	7680	6942	6192	5590	4833	6064	5085	4043	3505
PJ	7491	7693	6957	6206	5603	4847	6082	5105	4060	3524
PK	7510	7713	6975	6225	5622	4866	6098	5119	4077	3539
PL	7498	7704	6964	6214	5613	4856	6083	5103	4064	3524
PM	7528	7735	6994	6245	5644	4887	6109	5128	4092	3549
PN	7535	7740	7001	6251	5649	4892	6120	5141	4101	3561
PO	7556	7762	7021	6272	5671	4914	6138	5158	4120	3579
PP	7543	7751	7009	6260	5660	4902	6122	5140	4106	3562
PQ	7570	7780	7036	6288	5688	4930	6146	5163	4132	3586
PR	7585	7793	7051	6302	5701	4944	6164	5182	4148	3604
PS	7606	7815	7072	6324	5723	4965	6182	5199	4168	3622
PT	7629	7841	7096	6348	5748	4990	6203	5219	4190	3643
PU	7678	7892	7145	6398	5799	5040	6247	5261	4237	3687
PV	7576	7791	7043	6296	5698	4939	6144	5158	4134	3584
PW	7546	7761	7013	6266	5668	4908	6115	5130	4104	3555
PX	7553	7772	7021	6276	5678	4918	6118	5132	4111	3558
PY	7528	7745	6995	6249	5651	4891	6094	5108	4085	3534
PZ	7537	7757	7005	6260	5663	4902	6099	5111	4093	3538
QA	7513	7732	6981	6235	5638	4878	6077	5090	4070	3517
QB	7516	7739	6984	6240	5644	4883	6075	5086	4071	3514
QC	7476	7701	6945	6201	5606	4845	6031	5041	4029	3471
QD	7504	7732	6974	6231	5637	4874	6057	5066	4057	3497
QE	7490	7685	6955	6202	5597	4843	6092	5118	4064	3536
QF	7515	7704	6978	6224	5617	4866	6123	5152	4093	3569
QG	7553	7737	7016	6260	5653	4903	6169	5201	4136	3617
QH	7548	7728	7011	6254	5646	4897	6170	5204	4135	3620
QI	7581	7762	7043	6287	5679	4930	6201	5234	4167	3650
QJ	7606	7785	7068	6311	5702	4954	6228	5263	4193	3678
QK	7610	7786	7072	6315	5705	4958	6239	5275	4202	3691
QL	7646	7820	7108	6350	5740	4993	6276	5313	4239	3729
QM	7730	7904	7192	6434	5824	5078	6360	5396	4323	3812
QN	7792	7962	7253	6494	5884	5138	6424	5461	4386	3877
QO	7758	7927	7220	6460	5849	5105	6393	5432	4355	3847
QP	7818	7988	7279	6520	5909	5164	6451	5489	4413	3904
QQ	7842	8005	7302	6542	5930	5187	6484	5525	4443	3940
QR	7820	7987	7281	6522	5910	5166	6458	5497	4419	3913
QS	7868	8036	7329	6570	5959	5214	6503	5541	4464	3956
QT	7935	8098	7395	6635	6023	5280	6577	5617	4537	4033
QU	7957	8120	7418	6658	6045	5303	6600	5640	4559	4055
QV	8019	8183	7480	6720	6108	5365	6659	5697	4619	4113
QW	8054	8214	7515	6754	6141	5400	6699	5739	4658	4155
QX	6617	6867	6090	5356	4771	4004	5150	4157	3164	2592
QY	6957	7181	6426	5681	5086	4324	5523	4540	3513	2963
QZ	7472	7695	6941	6196	5601	4839	6031	5043	4027	3471
RA	6705	6938	6175	5434	4842	4078	5262	4276	3257	2701
RB	6569	6813	6041	5304	4717	3951	5113	4123	3118	2552
RC	6587	6830	6059	5322	4734	3968	5132	4143	3137	2572
RD	6609	6851	6081	5343	4754	3989	5156	4168	3159	2596
RE	6628	6868	6099	5361	4772	4007	5177	4189	3179	2617
RF	6645	6884	6116	5377	4788	4023	5195	4207	3196	2635
RG	6665	6902	6136	5396	4806	4042	5218	4231	3217	2657
RH	4409	4159	3936	3289	2810	2640	4068	3795	2982	3310
RI	5768	6021	5241	4507	3925	3157	4317	3335	2317	1757
RJ	6082	6308	5550	4806	4213	3450	4662	3690	2641	2107
RK	4498	4340	3992	3286	2739	2414	3932	3522	2590	2842
RL	3712	3345	3302	2784	2461	2584	3742	3733	3208	3683
RM	5860	6049	5322	4567	3960	3209	4506	3566	2459	1990
RN	7646	7813	7107	6348	5736	4992	6286	5327	4246	3743

To be continued on next page...

Project:

Burchill_10_Turbine_2020

Licensed user:

Natural Forces Wind Inc
1801 Hollis Street, Suite 1205
CA-HALIFAX, Nova Scotia B3J 3N4
902 422 9663
Meg / mmorris@naturalforces.ca
Calculated:
2020-01-31 11:49 AM/3.1.633

DECIBEL - Main Result

Calculation: Noise: Realistic Case - Burchill 10Tc - E-141 (4.2 MW, 135 m HH)

...continued from previous page

WTG	1	2	3	4	5	6	7	8	9	10
NSA	1	2	3	4	5	6	7	8	9	10
RO	7643	7809	7104	6344	5732	4989	6284	5326	4243	3741
RP	7646	7812	7107	6347	5735	4992	6289	5331	4248	3746
RQ	7670	7840	7131	6372	5761	5016	6304	5343	4265	3758
RR	7661	7826	7122	6362	5750	5007	6305	5348	4264	3763
RS	7670	7834	7131	6371	5759	5016	6315	5358	4273	3773
RT	7686	7850	7147	6386	5774	5032	6331	5374	4289	3789
RU	7695	7859	7155	6395	5783	5040	6339	5381	4297	3796
RV	7679	7844	7140	6380	5768	5025	6322	5363	4281	3779
RW	7702	7866	7163	6402	5790	5047	6345	5387	4304	3802
RX	7706	7872	7167	6407	5795	5052	6348	5389	4307	3805
RY	7665	7835	7126	6367	5756	5012	6301	5341	4262	3756
RZ	7673	7841	7134	6374	5763	5019	6311	5351	4271	3766
SA	7666	7833	7127	6367	5756	5012	6306	5346	4265	3762
SB	7653	7821	7114	6355	5744	4999	6292	5333	4252	3748
SC	4402	4171	3921	3261	2768	2570	4017	3719	2886	3204
SD	4398	4159	3922	3268	2782	2598	4036	3750	2929	3253
SE	7949	8111	7409	6649	6036	5294	6591	5631	4551	4047
SF	7627	7800	7089	6330	5720	4974	6259	5297	4221	3713
SG	3066	2655	2697	2274	2083	2407	3312	3480	3181	3734
SH	3081	2673	2710	2282	2085	2403	3318	3479	3172	3723
SI	3128	2731	2747	2301	2083	2377	3326	3464	3132	3677
SJ	3662	3306	3247	2720	2391	2510	3673	3659	3135	3613
SK	3930	3616	3490	2910	2516	2523	3802	3688	3052	3482
SL	4995	4713	4532	3897	3422	3233	4679	4378	3508	3777
SM	4165	3970	3673	2994	2484	2264	3722	3412	2589	2926
SN	4691	4753	4148	3378	2754	2105	3631	2901	1747	1711
SO	4691	4763	4147	3376	2752	2092	3609	2865	1705	1652
SP	5939	6232	5421	4707	4144	3376	4427	3422	2493	1887