

**APPENDIX 11.6****Candidate Turbine Manufacturer's Noise Emission Data****6.3 Sound Curves, Mode PO6000/PO6000-0S**

<b>Sound Power Level at Hub Height</b>		
<b>Conditions for Sound Power Level:</b>	<b>Measurement standard IEC 61400-11 ed. 3</b> <b>Maximum turbulence at hub height: 30%</b> <b>Inflow angle (vertical): <math>0 \pm 2^\circ</math></b> <b>Air density: 1.225 kg/m<sup>3</sup></b>	
<b>Wind speed at hub height [m/s]</b>	<b>Sound Power Level at Hub Height [dBA] Mode PO6000 (Blades with serrated trailing edge)</b>	<b>Sound Power Level at Hub Height [dBA] Mode PO6000-0S (Blades without serrated trailing edge)</b>
3	92.0	94.8
4	92.2	95.0
5	94.0	96.8
6	96.9	99.7
7	99.9	102.7
8	102.7	105.5
9	104.6	107.4
10	104.8	107.6
11	104.9	107.7
12	104.9	107.7
13	104.9	107.7
14	104.9	107.7
15	104.9	107.7
16	104.9	107.7
17	104.9	107.7
18	104.9	107.7
19	104.9	107.7
20	104.9	107.7

### 7.3 Sound Curves, Sound Optimized Mode SO0

Sound Power Level at Hub Height	
Conditions for Sound Power Level:	Measurement standard IEC 61400-11 ed. 3 Maximum turbulence at hub height: 30% Inflow angle (vertical): $0 \pm 2^\circ$ Air density: $1.225 \text{ kg/m}^3$
Wind speed at hub height [m/s]	Sound Power Level at Hub Height [dBA] Sound Optimized ModeSO0 (Blades with serrated trailing edge)
3	91.3
4	91.8
5	94.1
6	96.9
7	100.0
8	102.6
9	103.7
10	103.9
11	104.0
12	104.0
13	104.0
14	104.0
15	104.0
16	104.0
17	104.0
18	104.0
19	104.0
20	104.0