Audible Noise Predictions for the Midway - Daniels Park Transmission Project

Exhibit No. AS-3

Notes:

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1	Bonneville Power noise program used for calculations		
2	Readings predicted for mid-span, tower influences are not known		
3	Elevation of project 6900' above sea level		
4	Operating voltage of the new circuits 230kV		
5	"Wet" means water droplets are formed on the line due to precipitation, this is known as the L(50) condition		
6	Noise reflection due to the ground or other objects is not known		
7	There will be slightly higher readings after initial energization until the line "burns in" and ages and creeps for a few months		
8	The db(A) scale is used		
9	Locations of predicted readings are for a points 25' outside of the existing right-of-way		
10	Noise modeling is not precise, a variance of 10-15% from field readings is normal		
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	Model Case	Fair Weather dB(A)	Wet Conditions L50 - dB(A)
. A	Existing Corridor where two 230kV K-frames exist and the 115kV is in parallel	22	47
В	Existing Corridor where the two 230kV K-frames exists	22	47
С	Corridor with new structures and circuits operated at 230kV and existing 230kV and 115kV is in parallel	19	44
D	Corridor with new structures and circuits operated at 230kV and existing 230kV is in parallel	20	45