

Bright Mountain Solar Project
October 19, 2023 Data Request
Case No. 2022-00274



Attachment F – Noise Level Tables

Table 1. Expected Noise Levels During Construction and Operation

Receptor ID	Structure Type	Participating Status	Sound Pressure Level (dBA)		
			Construction (Based on Distance to Closest PV Panel)	Operation	
				Fixed-Tilt Layout	Single-Axis Layout
NSR6	Residential	Nonparticipating	61	<20	<20
NSR8	Residential	Nonparticipating	60	22	<20
NSR11	Church	Nonparticipating	62	28	26
NSR12	Residential	Nonparticipating	62	27	26
NSR13	Residential	Nonparticipating	62	28	26
NSR31	Residential	Nonparticipating	61	27	25
NSR66	Residential	Nonparticipating	62	27	25
NSR77	Residential	Nonparticipating	58	25	21
NSR78	Residential	Nonparticipating	62	<20	<20
NSR79	Residential	Nonparticipating	58	25	21
NSR80	Residential	Nonparticipating	67	27	25
NSR82	Residential	Nonparticipating	58	24	22
NSR85	Residential	Nonparticipating	61	27	23
NSR87	Residential	Nonparticipating	59	28	25
NSR88	Residential	Nonparticipating	63	27	24
NSR94	Residential	Nonparticipating	62	25	23
NSR96	Residential	Nonparticipating	60	23	<20
NSR99	Residential	Nonparticipating	59	24	<20
NSR101	Residential	Nonparticipating	65	27	25
NSR102	Residential	Nonparticipating	61	<20	<20
NSR105	Residential	Nonparticipating	58	<20	<20
NSR107	Residential	Nonparticipating	64	<20	<20
NSR108	Residential	Nonparticipating	58	<20	<20
NSR110	Residential	Nonparticipating	62	25	21
NSR115	Residential	Participating	67	26	21
NSR116	Residential	Nonparticipating	61	<20	<20
NSR120	Residential	Nonparticipating	59	24	<20
NSR122	Residential	Nonparticipating	62	25	22
NSR123	Residential	Nonparticipating	58	25	20
NSR124	Residential	Nonparticipating	57	26	23
NSR125	Residential	Nonparticipating	61	21	<20
NSR127	Residential	Nonparticipating	62	29	24
NSR129	Residential	Nonparticipating	59	24	<20
NSR132	Residential	Nonparticipating	62	<20	<20

Receptor ID	Structure Type	Participating Status	Sound Pressure Level (dBA)		
			Construction (Based on Distance to Closest PV Panel)	Operation	
				Fixed-Tilt Layout	Single-Axis Layout
NSR140	Residential	Nonparticipating	58	23	<20
NSR141	Residential	Nonparticipating	62	<20	<20
NSR144	Residential	Nonparticipating	58	25	22
NSR147	Residential	Nonparticipating	60	24	27
NSR148	Residential	Nonparticipating	62	<20	<20
NSR149	Residential	Nonparticipating	63	<20	<20
NSR155	Residential	Nonparticipating	58	24	<20
NSR157	Residential	Nonparticipating	58	25	22
NSR159	Residential	Nonparticipating	61	<20	<20
NSR160	Residential	Nonparticipating	63	23	<20
NSR162	Post Office	Nonparticipating	61	<20	<20
NSR163	Residential	Nonparticipating	63	27	25
NSR168	Residential	Nonparticipating	62	21	<20
NSR175	Residential	Nonparticipating	60	27	24
NSR180	Residential	Nonparticipating	63	24	<20
NSR181	Residential	Nonparticipating	63	<20	<20
NSR188	Residential	Nonparticipating	63	28	26
NSR193	Residential	Nonparticipating	57	<20	<20
NSR196	Residential	Nonparticipating	64	21	<20
NSR200	Residential	Nonparticipating	63	24	22
NSR201	Residential	Nonparticipating	64	<20	<20
NSR202	Residential	Nonparticipating	61	22	<20
NSR203	Residential	Nonparticipating	62	29	27
NSR208	Residential	Nonparticipating	57	21	<20
NSR209	Residential	Nonparticipating	61	21	<20
NSR211	Residential	Nonparticipating	63	26	24
NSR212	Residential	Nonparticipating	63	25	20
NSR213	Residential	Nonparticipating	59	21	<20
NSR214	Residential	Nonparticipating	58	25	22
NSR215	Residential	Nonparticipating	63	<20	<20
NSR217	Residential	Nonparticipating	56	22	22
NSR219	Residential	Nonparticipating	62	26	23
NSR220	Residential	Nonparticipating	58	25	23
NSR221	Residential	Nonparticipating	61	23	20
NSR227	Residential	Nonparticipating	63	25	23

Receptor ID	Structure Type	Participating Status	Sound Pressure Level (dBA)		
			Construction (Based on Distance to Closest PV Panel)	Operation	
				Fixed-Tilt Layout	Single-Axis Layout
NSR228	Residential	Nonparticipating	67	27	25
NSR232	Residential	Participating	66	42	39
NSR238	Residential	Nonparticipating	58	<20	<20
NSR239	Residential	Nonparticipating	63	<20	<20
NSR243	Residential	Nonparticipating	58	26	23
NSR244	Residential	Nonparticipating	62	22	<20
NSR249	Residential	Nonparticipating	58	23	<20
NSR250	Residential	Nonparticipating	61	<20	<20
NSR251	Residential	Nonparticipating	62	30	26
NSR254	Residential	Nonparticipating	59	28	26
NSR255	Residential	Nonparticipating	59	23	<20
NSR259	Residential	Nonparticipating	68	37	35
NSR264	Residential	Nonparticipating	62	25	21
NSR265	Residential	Nonparticipating	65	<20	<20
NSR266	Residential	Nonparticipating	62	<20	<20
NSR267	Residential	Nonparticipating	63	<20	<20
NSR272	Residential	Nonparticipating	59	21	<20
NSR273	Residential	Nonparticipating	60	23	<20
NSR276	Residential	Nonparticipating	58	24	21
NSR281	Residential	Nonparticipating	57	23	<20
NSR283	Residential	Nonparticipating	58	24	<20
NSR284	Residential	Nonparticipating	61	23	<20
NSR286	Residential	Nonparticipating	62	<20	<20
NSR288	Residential	Nonparticipating	59	23	<20
NSR290	Residential	Participating	66	23	<20
NSR297	Residential	Nonparticipating	58	24	<20
NSR304	Residential	Nonparticipating	61	29	26
NSR305	Residential	Nonparticipating	60	26	23
NSR309	Residential	Nonparticipating	62	29	25
NSR310	Residential	Nonparticipating	58	25	23
NSR314	Residential	Nonparticipating	59	23	<20
NSR320	Residential	Nonparticipating	58	24	20
NSR321	Residential	Nonparticipating	58	23	24
NSR324	Residential	Nonparticipating	63	28	27
NSR326	Residential	Nonparticipating	57	25	22

Receptor ID	Structure Type	Participating Status	Sound Pressure Level (dBA)		
			Construction (Based on Distance to Closest PV Panel)	Operation	
				Fixed-Tilt Layout	Single-Axis Layout
NSR331	Residential	Nonparticipating	63	26	24
NSR332	Residential	Nonparticipating	61	27	25
NSR334	Residential	Nonparticipating	68	30	27
NSR335	Residential	Nonparticipating	60	21	<20
NSR341	Residential	Nonparticipating	63	<20	<20
NSR343	Residential	Nonparticipating	60	21	<20
NSR344	Residential	Nonparticipating	59	23	<20
NSR347	Residential	Nonparticipating	58	24	<20
NSR348	Residential	Nonparticipating	62	29	24
NSR350	Residential	Nonparticipating	65	<20	<20
NSR351	Residential	Nonparticipating	60	22	<20
NSR352	Residential	Nonparticipating	63	29	27
NSR353	Residential	Nonparticipating	60	22	<20
NSR356	Residential	Nonparticipating	58	25	21
NSR357	Residential	Nonparticipating	61	<20	<20
NSR362	Residential	Nonparticipating	58	25	22
NSR366	Residential	Nonparticipating	60	23	<20

Table 2. Expected Noise Levels During Construction with Potential Maximum Levels

Receptor ID	Structure Type	Participating Status	Construction Sound Pressure Level (dBA) Based on Distance to Project Boundary	
			Expected	Potential Maximum (Expected + 10 dBA)
NSR6	Residential	Nonparticipating	61	71
NSR8	Residential	Nonparticipating	60	70
NSR11	Church	Nonparticipating	62	72
NSR12	Residential	Nonparticipating	62	72
NSR13	Residential	Nonparticipating	62	72
NSR31	Residential	Nonparticipating	61	71
NSR66	Residential	Nonparticipating	62	72
NSR77	Residential	Nonparticipating	58	68
NSR78	Residential	Nonparticipating	62	72
NSR79	Residential	Nonparticipating	58	68
NSR80	Residential	Nonparticipating	67	77
NSR82	Residential	Nonparticipating	58	68
NSR85	Residential	Nonparticipating	61	71
NSR87	Residential	Nonparticipating	59	69
NSR88	Residential	Nonparticipating	63	73
NSR94	Residential	Nonparticipating	62	72
NSR96	Residential	Nonparticipating	60	70
NSR99	Residential	Nonparticipating	59	69
NSR101	Residential	Nonparticipating	65	75
NSR102	Residential	Nonparticipating	61	71
NSR105	Residential	Nonparticipating	58	68
NSR107	Residential	Nonparticipating	64	74
NSR108	Residential	Nonparticipating	58	68
NSR110	Residential	Nonparticipating	62	72
NSR115	Residential	Participating	67	77
NSR116	Residential	Nonparticipating	61	71
NSR120	Residential	Nonparticipating	59	69
NSR122	Residential	Nonparticipating	62	72
NSR123	Residential	Nonparticipating	58	68
NSR124	Residential	Nonparticipating	57	67
NSR125	Residential	Nonparticipating	61	71
NSR127	Residential	Nonparticipating	62	72
NSR129	Residential	Nonparticipating	59	69
NSR132	Residential	Nonparticipating	62	72

Receptor ID	Structure Type	Participating Status	Construction Sound Pressure Level (dBA) Based on Distance to Project Boundary	
			Expected	Potential Maximum (Expected + 10 dBA)
NSR140	Residential	Nonparticipating	58	68
NSR141	Residential	Nonparticipating	62	72
NSR144	Residential	Nonparticipating	58	68
NSR147	Residential	Nonparticipating	60	70
NSR148	Residential	Nonparticipating	62	72
NSR149	Residential	Nonparticipating	63	73
NSR155	Residential	Nonparticipating	58	68
NSR157	Residential	Nonparticipating	58	68
NSR159	Residential	Nonparticipating	61	71
NSR160	Residential	Nonparticipating	63	73
NSR162	Post Office	Nonparticipating	61	71
NSR163	Residential	Nonparticipating	63	73
NSR168	Residential	Nonparticipating	62	72
NSR175	Residential	Nonparticipating	60	70
NSR180	Residential	Nonparticipating	63	73
NSR181	Residential	Nonparticipating	63	73
NSR188	Residential	Nonparticipating	63	73
NSR193	Residential	Nonparticipating	57	67
NSR196	Residential	Nonparticipating	64	74
NSR200	Residential	Nonparticipating	63	73
NSR201	Residential	Nonparticipating	64	74
NSR202	Residential	Nonparticipating	61	71
NSR203	Residential	Nonparticipating	62	72
NSR208	Residential	Nonparticipating	57	67
NSR209	Residential	Nonparticipating	61	71
NSR211	Residential	Nonparticipating	63	73
NSR212	Residential	Nonparticipating	63	73
NSR213	Residential	Nonparticipating	59	69
NSR214	Residential	Nonparticipating	58	68
NSR215	Residential	Nonparticipating	63	73
NSR217	Residential	Nonparticipating	56	66
NSR219	Residential	Nonparticipating	62	72
NSR220	Residential	Nonparticipating	58	68
NSR221	Residential	Nonparticipating	61	71
NSR227	Residential	Nonparticipating	63	73

Receptor ID	Structure Type	Participating Status	Construction Sound Pressure Level (dBA) Based on Distance to Project Boundary	
			Expected	Potential Maximum (Expected + 10 dBA)
NSR228	Residential	Nonparticipating	67	77
NSR232	Residential	Participating	66	76
NSR238	Residential	Nonparticipating	58	68
NSR239	Residential	Nonparticipating	63	73
NSR243	Residential	Nonparticipating	58	68
NSR244	Residential	Nonparticipating	62	72
NSR249	Residential	Nonparticipating	58	68
NSR250	Residential	Nonparticipating	61	71
NSR251	Residential	Nonparticipating	62	72
NSR254	Residential	Nonparticipating	59	69
NSR255	Residential	Nonparticipating	59	69
NSR259	Residential	Nonparticipating	68	78
NSR264	Residential	Nonparticipating	62	72
NSR265	Residential	Nonparticipating	65	75
NSR266	Residential	Nonparticipating	62	72
NSR267	Residential	Nonparticipating	63	73
NSR272	Residential	Nonparticipating	59	69
NSR273	Residential	Nonparticipating	60	70
NSR276	Residential	Nonparticipating	58	68
NSR281	Residential	Nonparticipating	57	67
NSR283	Residential	Nonparticipating	58	68
NSR284	Residential	Nonparticipating	61	71
NSR286	Residential	Nonparticipating	62	72
NSR288	Residential	Nonparticipating	59	69
NSR290	Residential	Participating	66	76
NSR297	Residential	Nonparticipating	58	68
NSR304	Residential	Nonparticipating	61	71
NSR305	Residential	Nonparticipating	60	70
NSR309	Residential	Nonparticipating	62	72
NSR310	Residential	Nonparticipating	58	68
NSR314	Residential	Nonparticipating	59	69
NSR320	Residential	Nonparticipating	58	68
NSR321	Residential	Nonparticipating	58	68
NSR324	Residential	Nonparticipating	63	73
NSR326	Residential	Nonparticipating	57	67

Receptor ID	Structure Type	Participating Status	Construction Sound Pressure Level (dBA) Based on Distance to Project Boundary	
			Expected	Potential Maximum (Expected + 10 dBA)
NSR331	Residential	Nonparticipating	63	73
NSR332	Residential	Nonparticipating	61	71
NSR334	Residential	Nonparticipating	68	78
NSR335	Residential	Nonparticipating	60	70
NSR341	Residential	Nonparticipating	63	73
NSR343	Residential	Nonparticipating	60	70
NSR344	Residential	Nonparticipating	59	69
NSR347	Residential	Nonparticipating	58	68
NSR348	Residential	Nonparticipating	62	72
NSR350	Residential	Nonparticipating	65	75
NSR351	Residential	Nonparticipating	60	70
NSR352	Residential	Nonparticipating	63	73
NSR353	Residential	Nonparticipating	60	70
NSR356	Residential	Nonparticipating	58	68
NSR357	Residential	Nonparticipating	61	71
NSR362	Residential	Nonparticipating	58	68
NSR366	Residential	Nonparticipating	60	70