

**Summary of Turbine Shifts within 325 feet from December 15, 2017 Facility Permit Layout**

Turbine Number	Turbine Shift Distance (ft)	Turbine Shift Direction	Distance to nearest residence (ft) <sup>1</sup>	Type of Residence	Max Sound Level modeled at nearest residence (dBA) <sup>2</sup>	Shadow Flicker modeled at nearest residence (hours/year) <sup>3</sup>	Distance to nearest Road (ft) <sup>4</sup>	Distance to nearest Cemetery (ft) <sup>5</sup>	Distance to nearest non-participating parcel (ft) <sup>4</sup>
4	20	N	5,795	Participant	45	19.1	1,185	9,166	1,223
13	15	N	7,030	Participant	47	8.4	5,384	14,988	4,955
16	41	NW	5,282	Participant	47	8.4	5,390	17,542	2,603
21	41	NW	3,195	Participant	47	8.4	2,953	17,827	4,097
93	214	E	3,691	Participant	46	16.3	3,583	17,246	1,391
155	12	SE	2,779	Participant	45	19.1	1,392	12,479	1,913
186	59	NW	5,162	Participant	47	11.1	3,007	10,554	745
213	20	N	6,105	Participant	43	0.0	616	27,080	2,025

<sup>1</sup> Setback requirements – 3,960 feet from non-participating residences; 1,000 feet from participating residences  
<sup>2</sup> Max sound level for all residences: 50 dBA at a participant and 41 dBA at a non-participant  
<sup>3</sup> Max shadow flicker hours/year at all residences: 19.1 at a participant and 7.5 at a non-participant  
<sup>4</sup> Setback requirements – 550 feet  
<sup>5</sup> Setback requirements – 5,280 feet