

APPENDIX D – TURBINE COORDINATES

Latitude and Longitude Coordinates for Red Pine Wind Farm Wind Turbines

Turbine Number	Longitude (Dec. Degree)	Latitude (Dec. Degree)
2	-96.2389406	44.51980111
3	-96.23063612	44.51995711
4	-96.2168722	44.52071254
5	-96.21384417	44.52322513
6	-96.19923861	44.53088802
7	-96.19303547	44.52636062
8	-96.18609909	44.53081605
9	-96.16796357	44.52940872
10	-96.17308358	44.52097026
11	-96.16525358	44.51968043
12	-96.17814387	44.51723257
13	-96.17271409	44.51275405
14	-96.15627395	44.52963647
15	-96.14941747	44.51858238
16	-96.1586759	44.51347007
17	-96.15465472	44.50634373
18	-96.12636392	44.52541978
19	-96.23544749	44.51398268
20	-96.22394	44.5148642
21	-96.23473661	44.50722964
22	-96.2273433	44.50875522
23	-96.21517639	44.51014233
24	-96.20994473	44.51167673
25	-96.2029128	44.50586523
26	-96.137743	44.51277346
27	-96.12261925	44.50658359
28	-96.0943426	44.50452715
29	-96.08812274	44.50750888
30	-96.23714781	44.490729
31	-96.19417034	44.50055534
32	-96.19557436	44.49176116
33	-96.16407549	44.49790194

Turbine Number	Longitude (Dec. Degree)	Latitude (Dec. Degree)
34	-96.16589793	44.4904486
35	-96.15869518	44.49847731
36	-96.14804258	44.49763958
37	-96.14282458	44.49989398
38	-96.14493277	44.49035614
39	-96.13260651	44.49696369
40	-96.11670998	44.49911908
41	-96.10856013	44.49695605
42	-96.09744606	44.49402668
44	-96.18364939	44.48219889
45	-96.17773745	44.48074127
46	-96.15171364	44.48715928
47	-96.15830289	44.47740451
48	-96.15401558	44.47966815
49	-96.14493169	44.47944472
50	-96.13676447	44.48625748
51	-96.1292077	44.48323337
52	-96.12280429	44.47903508
53	-96.11770901	44.48221602
54	-96.1129527	44.48647828
55	-96.09404828	44.48642203
56	-96.23577193	44.46996544
57	-96.21574738	44.46999372
58	-96.21859257	44.4642766
60	-96.1837165	44.46611286
61	-96.17718564	44.46588081
62	-96.14440678	44.47192946
63	-96.15262241	44.46764317
64	-96.15837658	44.46201314
65	-96.14510303	44.46443531
66	-96.13694481	44.46833418
67	-96.13148313	44.47243427
68	-96.2248057	44.45850524

Turbine Number	Longitude (Dec. Degree)	Latitude (Dec. Degree)
69	-96.2342369	44.4496539
70	-96.22782829	44.45061344
71	-96.20995453	44.44982233
72	-96.20492309	44.44985303
74	-96.19035524	44.45802909
75	-96.16710007	44.44967247
76	-96.16338935	44.45136232
77	-96.15592977	44.45384719
79	-96.14278347	44.45016559
80	-96.21765879	44.4422418
81	-96.17231895	44.43639596
82	-96.16610015	44.43350665
83	-96.1361974	44.4354073
84	-96.15370725	44.42729496
85	-96.13495375	44.42205185
86	-96.11080792	44.42161569
87	-96.09384837	44.42470373
88	-96.0936487	44.41713715
89	-96.08134324	44.41705379
90	-96.11590849	44.41378222
91	-96.11396249	44.40541726
92	-96.1049207	44.40591149
93	-96.09418939	44.40848639
94	-96.09500889	44.40206216
95	-96.12680079	44.39721939
96	-96.13628968	44.39452173
97	-96.12525075	44.39102074
98	-96.10431477	44.39285786
99	-96.09739909	44.39222216
100	-96.10462321	44.38151058
101	-96.15707279	44.44632367
103	-96.22699897	44.46466651
104	-96.12383364	44.51469022

Turbine Number	Longitude (Dec. Degree)	Latitude (Dec. Degree)
105	-96.12466242	44.4965891
106	-96.14636721	44.52635757