

ID	Community	DEC_LAT	DEC_LONG	Wind Class	Census Area	Peak Load [kW]	Total KWh diesel generated FY07	Annual Wind Production	No. of Turbines	Wind Farm	Capacity factor	Capital Cost	Total Diesel used [gal]	Diesel Price \$/gal	Diesel displacement [gal]	Diesel savings (\$FY07)	Diesel reduction [%]	GHG reduction B/C	
1	Adak	51.8725	-176.62861	7	Aleutians West	160	989,880	679,000	3	50	150	52	800,000	76,145	3.94	52,231	\$205,789	69	547
2	Akiachak	59.27306	-158.61778	5	Bethel	208	1,800,172	539,000	2	100	200	31	1,000,000	181,453	3.29	41,462	\$136,408	23	453
3	Akiak	58.01418	-152.90944	4	Bethel	100	1,173,965	215,000	2	50	100	25	600,000	90,305	3.02	16,538	\$49,946	18	173
4	Akutan	54.13556	-165.77306	7	Aleutians East	91	540,924	453,000	2	50	100	52	600,000	48,005	2.74	34,846	\$95,478	73	365
5	Alakanuk	67.08611	-157.85139	5	Wade Hampton	335	1,757,214	851,000	3	100	300	32	1,400,000	132,087	1.88	65,462	\$123,068	50	716
6	Aleknagik	59.27306	-158.61778	7	Bethel	78	367,920	457,000	2	50	100	52	600,000	28,302	3.94	35,154	\$138,506	124	368
6	Andreafsky	60.86694	-162.27306	7	Wade Hampton	114	0	0	2	50	100	5	600,000	0	-	0	\$0	#DIV/0!	
7	Aniak	52.9375	173.2375	7	Bethel	449	2,569,600	1,812,000	4	100	400	52	1,800,000	195,889	2.76	139,385	\$384,702	71	1,525
8	Atnautluuk	61.17191	-151.16826	6	Bethel	380	33,269	1,311,000	4	100	400	37	1,800,000	53,931	3.22	100,846	\$324,725	187	1,103
9	Barrow	71.29056	-156.78861	3	North Slope	3003	21,067,800	11,558,000	2	1500	3000	44	12,200,000	1,620,600	1.46	889,077	\$1,298,052	55	9,311
10	Bethel	65.97972	-161.12306	3	Bethel	6005	42,140,800	22,055,000	4	1500	6000	42	24,200,000	3,084,531	3.77	1,696,385	\$6,395,870	55	17,766
11	Brevig Mission	65.33472	-166.48917	7	Nome	184	934,777	924,000	2	100	200	53	1,000,000	70,833	1.88	71,077	\$133,625	100	777
12	Chefornak	56.30995	-158.3142	6	Bethel	172	904,180	656,000	2	100	200	37	1,000,000	73,122	3.61	50,462	\$182,166	69	552
13	Chevak	57.61657	-152.16402	6	Wade Hampton	443	2,287,638	1,311,000	4	100	400	37	1,800,000	180,785	1.91	100,846	\$192,616	56	1,103
14	Cordova	60.54278	-145.2575	7	Valdez-Cordova	4054	12,073,564	24,168,000	3	1500	4500	61	18,200,000	858,775	2.45	1,859,077	\$4,554,738	216	19,469
15	Craig	55.47639	-133.14833	7	Prince of Wales-Outer Ketchikan	1799	115,082	9,016,000	3	600	1800	57	7,400,000	21,776	2.37	693,538	\$1,643,686	3,185	7,263
16	Deering	66.07497	-162.71274	6	Northwest Arctic	160	709,559	484,000	3	50	150	37	800,000	62,878	3.11	37,231	\$115,788	59	390
19	Dillingham	59.03972	-158.4575	5	Dillingham	6005	19,081,200	25,431,000	4	1500	6000	48	24,200,000	1,221,084	2.40	1,956,231	\$4,694,954	160	20,487
20	Domeed	65.758611	-168.953056	7	Nome	9	474,980	0	0	0	0	5	200,000	43,280	1.85	0	\$0	0	
21	Douglas	58.298947	-134.452699	7	Juneau	157	0	0	0	0	0	5	200,000	0	-	0	\$0	#DIV/0!	
22	Eek	64.6175	-162.26056	5	Bethel	146	775,087	396,000	3	50	150	30	800,000	56,570	1.92	30,462	\$58,486	54	319
23	Elim	64.6175	-162.26056	7	Nome	221	1,130,207	924,000	2	100	200	53	1,000,000	83,192	1.88	71,077	\$133,625	85	777
24	Emmonak	61.63557	-149.13879	5	Wade Hampton	499	2,884,529	1,418,000	5	100	500	32	2,200,000	202,893	1.90	109,077	\$207,246	54	1,193
25	Eyak	65.17194	-152.07889	7	Valdez-Cordova	69	0	0	1	50	50	5	400,000	no data	-	0	\$0	#VALUE!	
26	Gambell	63.77972	-171.74111	7	Nome	334	1,821,583	1,386,000	3	100	300	53	1,400,000	138,378	1.91	106,615	\$203,635	77	1,166
27	Golovin	64.54333	-163.02917	7	Nome	157	699,111	706,000	3	50	150	54	800,000	59,237	3.28	54,308	\$178,129	92	569
28	Goodnews Bay	59.93583	-151.73722	7	Bethel	128	686,347	462,000	2	50	100	53	600,000	54,725	1.92	35,538	\$68,234	65	372
29	Grayling	62.90361	-160.06472	7	Yukon-Koyukuk	116	586,165	461,000	2	50	100	53	600,000	46,793	2.93	35,462	\$103,802	1,736	372
30	Haines	59.23583	-135.445	6	Haines	2000	426,620	7,111,000	3	600	1800	45	7,400,000	31,208	2.70	547,000	\$1,476,900	1,736	5,728
32	Hollis	55.48389	-132.6675	6	Prince of Wales-Outer Ketchikan	134	613,200	457,000	3	50	150	35	800,000	47,169	3.82	35,154	\$134,288	75	368
33	Holy Cross	62.19944	-159.77139	5	Yukon-Koyukuk	125	635,142	396,000	3	50	150	30	800,000	48,224	3.30	30,462	\$100,523	63	319
34	Hoonah	58.111	-135.44361	6	Skagway-Hoonah-Angoon	1479	5,499,762	7,111,000	3	600	1800	45	7,400,000	380,170	2.57	547,000	\$1,405,790	144	5,728
35	Hooper Bay	55.91694	-130.02472	7	Wade Hampton	472	922,360	1,812,000	4	100	400	52	1,800,000	207,586	1.88	139,385	\$262,043	67	1,525
36	Huslia	65.69861	-156.39972	4	Yukon-Koyukuk	188	985,141	510,000	2	100	200	29	1,000,000	73,631	3.31	39,231	\$129,854	53	429
37	Hydaburg	55.20806	-132.82667	6	Prince of Wales-Outer Ketchikan	245	1,760,760	956,000	3	100	300	36	1,400,000	135,443	3.82	73,538	\$280,917	54	804
38	Juneau	58.30194	-134.41972	7	Juneau	3003	21,067,800	16,112,000	2	1500	3000	61	12,200,000	1,620,600	3.82	1,239,385	\$4,734,449	76	12,980
39	Kake	56.97583	-133.94722	5	Wrangell-Petersburg	1,479	3,326,358	6,331,000	3	600	1800	40	7,400,000	250,876	2.60	487,000	\$1,266,200	194	5,100
40	Kaktovik	70.13194	-143.62389	7	North Slope	674	3,228,900	2,849,000	6	100	600	54	2,600,000	294,318	2.25	219,154	\$493,096	74	2,397
41	Kastigluk	55.06167	-162.31028	6	Bethel	477	2,235,444	1,639,000	5	100	500	37	2,200,000	162,151	1.92	126,077	\$242,068	78	1,379
42	Ketchikan	55.34222	-131.64611	7	Ketchikan Gateway	3003	21,067,800	15,802,000	2	1500	3000	60	12,200,000	1,620,600	3.82	1,215,538	\$4,643,357	75	12,730
43	Kiana	66.975	-160.42278	6	Northwest Arctic	286	1,529,950	1,012,000	3	100	300	39	1,400,000	103,820	2.72	77,846	\$211,742	75	851
44	King Cove	55.06167	-162.31028	7	Aleutians East	538	2,167,955	2,222,000	5	100	500	51	2,200,000	157,496	2.38	170,923	\$406,797	109	1,870
45	King Salmon	58.68833	-156.66139	4	Bristol Bay	0	0	0	0	0	0	5	200,000	0	-	0	\$0	#DIV/0!	
46	Kipnuk	66.90857	-156.88102	6	Bethel	412	1,427,939	1,311,000	4	100	400	37	1,800,000	142,656	3.16	100,846	\$318,674	71	1,103
47	Kivalina	67.72694	-164.53333	5	Northwest Arctic	225	1,307,779	584,000	2	100	200	33	1,000,000	93,795	2.48	44,923	\$111,409	48	491
48	Kodiak	57.78889	-152.4019	4	Kodiak Island	3003	21,067,800	11,782,000	2	1500	3000	45	12,200,000	1,620,600	3.94	906,308	\$3,570,852	56	9,492
49	Kokhanok	59.4416	-154.75514	6	Lake & Peninsula	181	505,141	457,000	2	50	100	52	600,000	41,129	4.22	35,154	\$148,349	85	368
50	Kongiganak	60.81222	-161.43583	6	Bethel	181	951,274	656,000	2	100	200	37	1,000,000	77,820	2.94	50,462	\$148,357	65	552
51	Kotlik	59.86993	-163.13322	6	Wade Hampton	278	1,765,129	851,000	3	100	300	32	1,400,000	151,270	3.22	65,462	\$210,786	43	716
52	Kotzebue	66.89828	-162.59585	6	Northwest Arctic	3039	21,647,390	14,403,000	2	1500	3000	55	12,200,000	1,455,277	2.56	1,107,923	\$2,836,283	76	11,603
53	Kovuk	64.93194	-161.15694	6	Nome	249	1,292,120	668,000	2	100	200	38	1,000,000	97,261	1.89	51,385	\$97,117	53	562
54	Kwethluk	61.64779	-148.96363	5	Bethel	261	1,438,119	851,000	3	100	300	32	1,400,000	100,363	2.85	65,462	\$186,565	65	716
55	Kwigillingok	59.115	-156.85667	6	Bethel	223	1,065,250	656,000	2	100	200	37	1,000,000	70,347	2.69	50,462	\$135,742	72	552
56	Lower Kalskag	62.95639	-155.59583	7	Bethel	186	0	0	2	100	200	52	no data	0	-	0	\$0	#VALUE!	
57	Manokotak	58.98139	-159.05833	7	Dillingham	128	1,067,400	686,000	3	50	150	52	800,000	66,295	4.71	52,769	\$248,543	80	552
58	Marshall	62.04944	-146.53833	7	Wade Hampton	226	1,203,402	906,000	2	100	200	52	1						

65	Napaklak	64.56389	-149.09306	5	Bethel	186	876,000	567,000	2	100	200	32	\$	1,000,000	67,385	\$	4.71	43,615	\$205,428	65	477	
66	Napaskiak	60.70806	-161.76611	5	Bethel	203	934,527	567,000	2	100	200	32	\$	1,000,000	74,098	\$	3.17	43,615	\$138,261	59	477	
67	New Stuyahok	59.45278	-157.31194	6	Dillingham	225	1,206,029	649,000	2	100	200	37	\$	1,000,000	87,967	\$	3.03	49,923	\$151,267	57	546	
68	Newhalen	59.72	-154.89722	7	Lake & Peninsula	546	528,966	2,693,000	6	100	600	51	\$	2,600,000	42,686	\$	2.35	207,154	\$486,812	485	2,265	
69	Newtok	60.05139	-151.66889	5	Bethel	167	274,248	567,000	2	100	200	32	\$	1,000,000	39,791	\$	1.51	43,615	\$65,859	110	477	
70	Nightmute	67.57111	-162.96528	7	Bethel	119	588,666	462,000	2	50	100	53	\$	600,000	45,085	\$	1.87	35,538	\$66,457	79	372	
71	Noatak	67.57111	-162.96528	4	Northwest Arctic	289	149,730	787,000	3	100	300	30	\$	1,400,000	112,548	\$	4.48	60,538	\$271,212	54	662	
72	Nome	64.50111	-165.40639	7	Nome	4288	30,088,983	16,576	2	1500	3000	63	\$	12,200,000	32,943	\$	3.03	1,275	\$5,863	4	13,354	
73	Noorvik	66.83833	-161.03278	5	Northwest Arctic	363	1,991,566	1,167,000	4	100	400	33	\$	1,800,000	149,669	\$	2.46	89,769	\$220,832	60	982	
74	Nunam Iqua	63.03333	-145.49167	5	Wade Hampton	80	699,396	132,000	1	50	50	30	\$	400,000	51,717	\$	2.98	100,154	\$30,258	20	106	
75	Nunapitchuk	59.78722	-154.10611	6	Bethel	30	0	1,311,000	4	100	400	37	\$	1,800,000	no data			100,846	\$0	#VALUE!	2	1,103
76	Pelican	57.96083	-136.2275	7	Skagway-Hoonah-Ang	134	613,200	673,000	3	50	150	51	\$	800,000	47,169	\$	3.82	51,769	\$197,758	110	542	
77	Petersburg	56.8125	-132.95556	7	Wrangell-Petersburg	1,479	6,245,880	9,016,000	3	600	1800	57	\$	7,400,000	480,452	\$	3.82	693,538	\$2,649,317	144	7,263	
78	Pilot Station	69.73586	-163.01178	7	Wade Hampton	313	1,707,354	1,359,000	3	100	300	52	\$	1,400,000	128,455	\$	1.88	104,538	\$196,532	81	1,144	
79	Pitkas Point	61.23767	-150.04456	7	Wade Hampton	114	0	0	2	50	100	53	\$	600,000	no data			0	\$0	#VALUE!	1	372
80	Point Hope	68.34778	-166.80806	7	North Slope	936	4,321,081	6,364,000	2	600	1200	62	\$	5,000,000	267,998	\$	2.76	489,538	\$1,351,126	183	5,127	
81	Point Lay	69.73586	-163.01178	7	North Slope	460	2,311,765	2,374,000	5	100	500	54	\$	2,200,000	173,358	\$	6.09	182,615	\$1,112,128	105	1,998	
82	Port Alsworth	60.2025	-154.31278	7	Lake & Peninsula	144	623,387	686,000	3	50	150	52	\$	800,000	56,082	\$	4.05	52,769	\$213,715	94	552	
83	Quinhagak	61.785	-161.32028	4	Bethel	354	1,802,038	1,020,000	4	100	400	29	\$	1,800,000	134,072	\$	1.94	78,462	\$152,215	59	858	
84	Russian Mission	64.52954	-146.86473	6	Wade Hampton	160	815,679	656,000	2	100	200	37	\$	1,000,000	59,709	\$	1.87	50,462	\$94,363	85	552	
85	Saint George	56.6	-169.54167	7	Aleutians West	160	989,880	679,000	3	50	150	52	\$	800,000	76,145	\$	4.71	52,231	\$246,007	69	547	
86	Saint Mary's	63.69417	-170.47889	7	Wade Hampton	380	3,196,819	1,812,000	4	100	400	52	\$	1,800,000	215,077	\$	1.90	139,385	\$264,831	65	1,525	
87	Saint Michael	63.47806	-162.03917	7	Nome	261	1,474,768	1,386,000	3	100	300	53	\$	1,400,000	100,616	\$	1.93	106,615	\$205,768	106	1,166	
88	Saint Paul	57.12222	-170.275	7	Aleutians West	263	6,099,979	2,973,000	3	225	675	51	\$	2,900,000	446,870	\$	2.89	228,692	\$660,921	51	2,395	
89	Sand Point	55.33972	-160.49722	5	Aleutians East	664	2,719,000	2,226,000	2	500	1000	32	\$	4,200,000	301,671	\$	3.24	171,231	\$554,788	57	2,191	
90	Savoonga	63.69417	-170.47889	6	Nome	308	1,809,090	1,003,000	3	100	300	38	\$	1,400,000	147,824	\$	1.91	77,154	\$147,364	52	844	
91	Saxman	55.31833	-131.59583	7	Ketchikan Gateway	245	1,760,760	881,000	2	100	200	50	\$	1,000,000	135,443	\$	3.82	67,769	\$258,878	50	741	
92	Scammon Bay	64.33389	-161.15389	7	Wade Hampton	296	1,635,960	1,359,000	3	100	300	52	\$	1,400,000	121,579	\$	2.44	104,538	\$255,074	86	1,144	
93	Selawik	66.60389	-160.00694	4	Northwest Arctic	451	2,945,834	1,050,000	4	100	400	30	\$	1,800,000	209,058	\$	2.48	80,769	\$200,308	39	883	
94	Shageluk	60.10417	-149.44222	6	Yukon-Koyukuk	127	387,928	470,000	3	50	150	36	\$	800,000	30,297	\$	2.81	36,154	\$101,592	119	379	
95	Shishmaref	52.72458	-174.11205	5	Nome	276	1,596,490	867,000	3	100	300	33	\$	1,400,000	111,966	\$	1.86	66,692	\$124,948	60	730	
96	Shungnak	66.25667	-166.07194	5	Northwest Arctic	267	1,522,433	875,000	3	100	300	33	\$	1,400,000	109,965	\$	3.37	67,308	\$226,827	61	737	
97	Sitka	57.054096	-135.328729	6	Sitka	3003	21,067,800	13,603,000	2	1500	3000	52	\$	12,200,000	1,620,600	\$	3.82	1,046,385	\$3,997,189	65	10,959	
98	Skagway	57.054096	-135.328729	7	Skagway-Hoonah-Ang	1855	870,280	9,016,000	3	600	1800	57	\$	7,400,000	59,461	\$	2.51	693,538	\$1,740,782	1,166	7,263	
99	Stebbins	58.71556	-156.99806	7	Nome	255	1,378,185	1,386,000	3	100	300	53	\$	1,400,000	105,624	\$	1.91	106,615	\$203,635	101	1,166	
100	Tanana	61.66384	-149.43106	7	Yukon-Koyukuk	303	1,422,715	1,358,000	3	100	300	52	\$	1,400,000	104,243	\$	3.07	104,462	\$320,697	100	1,143	
101	Tattletale	60.525059	-145.628293	7	Valdez-Cordova	93	477,978	438,000	2	50	100	50	\$	600,000	38,011	\$	2.86	33,692	\$96,360	89	353	
102	Teller	62.05079	-145.43588	6	Nome	158	810,276	480,000	3	50	150	37	\$	800,000	69,455	\$	2.77	36,923	\$102,277	53	387	
103	Togiak	55.68778	-132.52222	7	Dillingham	464	2,559,306	1,795,000	4	100	400	51	\$	1,800,000	178,398	\$	2.85	138,077	\$393,519	77	1,510	
104	Toksook Bay	60.34306	-162.66306	7	Bethel	428	2,552,597	1,812,000	4	100	400	52	\$	1,800,000	139,588	\$	1.92	139,385	\$267,618	100	1,525	
105	Tuluksak	61.06806	-151.13694	4	Bethel	186	869,717	510,000	2	100	200	29	\$	1,000,000	75,738	\$	3.01	39,231	\$118,085	52	429	
106	Tuntutuliak	57.51306	-157.3975	6	Bethel	186	876,000	656,000	2	100	200	37	\$	1,000,000	67,385	\$	4.71	50,462	\$237,674	75	552	
107	Tununak	63.87306	-160.78806	7	Bethel	186	0	906,000	2	100	200	52	\$	1,000,000	no data			69,692	\$0	#VALUE!	7	762
108	Unalakleet	57.51306	-157.3975	6	Nome	932	3,942,280	4,973,000	2	600	1200	47	\$	5,000,000	290,392	\$	2.79	382,538	\$1,067,282	132	4,006	
109	Unalaska	53.87361	-166.53667	7	Aleutians West	6,629	34,819,459	31,901,000	4	1500	6000	61	\$	24,200,000	2,441,910	\$	2.37	2,453,923	\$5,815,798	100	257,000	
110	Upper Kalskag	61.58139	-149.43944	7	Bethel	212	1,255,023	906,000	2	100	200	52	\$	1,000,000	91,301	\$	1.89	69,692	\$131,718	76	762	
111	Valdez	61.53766	-160.30721	7	Valdez-Cordova	3003	21,067,800	16,112,000	2	1500	3000	61	\$	12,200,000	1,620,600	\$	3.82	1,239,385	\$4,734,449	76	12,980	
112	Wainwright	67.01389	-146.41861	5	North Slope	843	4,088,286	4,552,000	2	600	1200	43	\$	5,000,000	173,358	\$	6.09	350,154	\$2,132,437	202	3,667	
113	Wales	70.63694	-160.03833	7	Nome	108	584,426	471,000	2	50	100	54	\$	600,000	38,917	\$	1.87	36,231	\$67,752	93	379	
114	Wrangell	57.6936	-152.62291	6	Wrangell-Petersburg	1,899	7,253,280	7,111,000	3	600	1800	45	\$	7,400,000	557,945	\$	3.82	547,000	\$2,089,540	98	5,728	
<b>Totals</b>							<b>459,882,731</b>	<b>374,839,576</b>	<b>187</b>	<b>kw</b>	<b>89725</b>	<b>\$</b>	<b>380,300,000</b>	<b>31,991,210</b>	<b>\$</b>	<b>2.86</b>	<b>28,833,814</b>	<b>\$85,327,952</b>	<b>549,653</b>			
							459,883	374,840		MW	90											

total diesel displaced[%]