

ALASKA LEGISLATURE COMMITTEE FILES, 1989-1990 8672  
6451 SENATE RESOURCES

855

ANNUAL STATISTICS FY 88

AVR. FUEL \$/GAL	FUEL CONSUMED GAL.	FUEL COST (\$)	OPERATING COSTS (\$)	TOTAL DISBURSEMENTS (\$)	ELIGIBLE KWH/M				KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR ANN DISBUR/ CUST (\$)	AVR PCE AMOUNT C/KWH
					RESID	FACIL	COMRCL	TOTAL				
1.533	23,420	40,601	33,938	40,408	123	1,361	458	238	6.0	0.240	1,036	36.3
1.221	12,685	15,488	21,772	25,588	108	528	269	206	6.3	0.272	984	39.8
1.000	44,556	44,766	80,596	52,721	403	1,181	402	462	9.5	0.190	995	18.0
1.125	140,969	158,327	463,561	346,526	278	897	409	354	11.9	0.277	1,392	32.7
0.729	162,903	110,094	202,928	102,098	446	1,491	282	481	7.7	0.162	543	9.4
-	0	0	55,708	20,142	129	318	728	207	-	0.467	480	21.1
-	0	0	0	10,748	169	313	253	188	-	-	290	38.7
-	0	0	0	19,523	169	17	149	150	-	-	296	16.4
0.938	1,225,806	1,157,884	1,932,586	668,909	442	3,813	469	529	11.1	0.142	683	10.8
0.894	2,858	2,544	6,064	6,531	71	852	353	121	12.5	0.113	133	22.0
-----												
1.698	87,530	153,530	72,457	69,437	208	106	375	231	7.2	0.115	463	16.7
1.012	43,502	43,865	109,062	81,457	319	250	349	317	9.1	0.274	993	26.1
1.000	51,020	51,020	45,619	54,820	256	666	608	332	6.5	0.137	843	21.1
1.022	37,539	38,665	124,604	66,340	222	722	209	240	8.7	0.383	896	31.2
1.048	30,618	30,029	55,000	63,438	134	297	324	173	7.8	0.231	721	38.0
1.251	59,791	75,667	9,108	76,007	388	1,711	566	426	8.7	0.018	809	21.1
1.158	294,676	307,748	420,000	293,191	339	4,018	435	438	9.5	0.150	1,217	23.1
1.142												38.9
"	25,659	29,364	44,025	42,653	179	482	436	228	6.8	0.251	1,066	"
"	23,096	26,442	44,024	52,193	175	518	470	233	7.0	0.274	1,087	"
-----												
"	15,153	17,152	44,025	22,002	222	0	289	251	7.6	0.384	1,158	"
"	17,094	19,540	44,025	33,035	140	399	506	181	7.1	0.361	847	"
"	17,545	20,071	44,031	21,235	185	112	402	208	5.5	0.460	965	"
0.753	1,279,805	1,117,576	1,545,176	488,025	444	2,354	491	470	11.8	0.102	738	13.1
0.990	0	0	0	125,700	263	182	280	262	-	-	1,209	38.5
1.420	36,615	51,993	19,546	75,703	192	318	268	212	7.0	0.076	814	38.5
1.500	38,356	44,861	36,045	39,692	453	461	674	474	7.1	0.133	1,203	21.2
1.532	24,459	37,388	27,250	35,754	119	1,061	400	294	10.2	0.109	730	20.7
0.949	1,618,212	1,535,850	1,938,641	812,675	425	4,571	428	502	13.2	0.090	498	8.3
2.250												
-----												
"	130,103	174,361	502,031	62,634	370	601	412	388	9.8	0.393	564	12.0
"	141,718	193,113	407,740	56,072	483	2,606	575	547	7.0	0.410	825	12.6
"	152,676	200,162	405,358	49,182	384	914	501	421	9.0	0.293	546	10.9
"	140,896	183,670	430,033	67,952	335	1,264	448	381	8.0	0.383	581	12.6
"	265,498	352,490	433,390	115,970	443	1,164	450	459	8.2	0.199	601	10.9
"	85,721	112,855	421,129	30,716	313	1,203	526	395	8.1	0.606	558	12.0
"	225,983	299,525	419,750	85,481	321	1,419	521	399	8.3	0.225	521	10.9
0.852	138,799	118,241	127,115	77,456	244	1,240	668	337	9.5	0.096	704	17.4
0.799	1,010,903	865,019	-	507,285	440	1,279	429	464	12.9	-	465	8.4
0.988	50,493	57,356	27,944	40,938	246	1,132	389	335	9.1	0.061	487	12.1
-----												
1.337	10,508	25,199	26,186	29,447	211	110	281	212	4.3	0.315	1,015	40.0
0.796	49,893	40,262	217,165	20,449	398	887	599	491	55.7	0.078	176	3.0
0.966	20,314	19,595	15,689	12,356	303	9	483	313	5.7	0.137	412	16.4
1.033	23,846	24,553	12,570	27,106	369	4	356	354	6.1	0.087	797	20.5
0.985	44,775	40,975	5,350	25,895	375	0	672	386	6.8	0.018	489	11.5

ANNUAL STATISTICS FY 88

UTILITY	COMM		# OF CUSTOMERS			KWH GENERATED	KWH SOLD	RESID	ELIGIBLE KWH		TOTAL
	M OF POPUL	DATA ATION	RESID	FACIL	COMRCL				COMM	COMRCL	
Puvurnaq Power Co. (Kong.)	12	233	53	2	9	-	375,520	201,108	3,116	53,850	258,074
Rampart Village	12	50	23	3	4	108,243	101,780	24,438	13,231	28,848	66,517
Ruby Elec. Co.	7	233	110	10	13	323,436	280,697	115,207	29,925	34,916	180,048
Sand Point Elec.	12	890	148	16	45	5,863,040	5,435,115	1,223,546	394,349	424,450	2,042,345
Sheldon Pt. City Council	6	127	23	5	3	17,859	118,998	21,629	20,813	13,485	55,927
Stevens Village Sys.	12	111	35	4	9	113,308	101,366	32,813	8,606	26,987	68,406
St. George Elec. Utility	12	195	56	2	19	587,732	587,732	234,793	95,982	98,951	429,726
St. Paul Mun. Elec.	12	595	140	26	21	3,286,960	2,334,047	1,029,793	432,280	117,038	1,579,111
Takotna Comm. Assoc.	12	76	27	7	8	50,898	139,262	37,288	41,742	37,891	116,921
Tanana Power Co.	12	420	130	11	39	0	1,585,733	338,492	165,991	165,826	670,309
Tatitlek Elec. Utility	12	105	38	1	9	175,209	157,895	125,273	1,887	40,156	167,316
Yelida Village Utility	11	26	7	1	2	39,815	33,262	11,342	2,320	11,695	25,357
Teller Power	12	258	66	4	16	582,493	526,418	138,961	15,320	89,712	243,993
Tenakee Springs Elec.	12	123	76	9	14	333,440	295,506	124,222	42,364	69,701	236,287
Tetlin Village Energy	8	125	26	2	2	18,154	49,958	27,587	7,473	3,750	38,810
Thorne Bay Public Utility	9	475	158	9	31	1,113,663	1,014,039	523,377	129,997	133,585	786,959
Tlingit Haida REA											
Angoon	12	639	134	7	22	-	1,470,250	748,335	131,827	164,616	1,044,778
Hoonah	12	886	225	10	53	-	2,831,508	1,171,307	278,539	324,255	1,774,101
Kake	12	665	193	8	42	-	2,297,447	1,043,991	360,676	228,107	1,632,774
Kasaan	12	88	19	2	7	-	112,431	77,368	3,052	25,172	105,592
Klawock	12	693	213	4	45	-	2,145,526	1,116,023	155,547	359,860	1,631,430
Tulkisarmute Inc (Tuluksak)	9	321	67	5	5	187,961	192,459	162,941	8,719	6,487	178,147
Tuntutuliak Comm. Serv.	11	216	71	5	7	450,105	447,137	195,393	20,289	34,208	249,890
Umnak Power Co.(Nikolski)	5	50	22	4	6	56,140	44,408	23,421	6,868	9,994	40,283
Unalakleet Valley Elec.	12	760	218	9	46	2,611,740	2,962,045	1,055,273	232,693	267,766	1,555,732
Unalaska Elec. Utility	12	1,848	289	29	67	16,676,762	16,015,139	1,470,824	997,669	422,900	2,891,393
Unqsrag Power Co (Newtok)	12	207	38	5	6	125,337	132,143	100,522	13,568	17,717	131,807
Venetie Village Elec.	7	237	55	5	8	110,400	105,966	70,474	4,842	16,744	92,060
White Mountain Utility	12	167	62	5	11	241,392	371,338	139,193	36,720	59,963	235,876
Yakutat Power Inc.	12	462	228	16	38	5,094,041	4,420,079	1,341,582	164,379	298,979	1,804,940
<b>FY 88 TOTAL</b>		<b>65,886</b>	<b>18,823</b>	<b>1,054</b>	<b>4,578</b>	<b>251,539,527</b>	<b>256,653,078</b>	<b>76,586,060</b>	<b>16,684,575</b>	<b>24,508,772</b>	<b>117,779,407</b>
<b>WEIGHTED AVERAGE</b>											

FOOTNOTES

1. The following utilities have had adjustments to their KWH SOLD/GAL FUEL calculation due to partially missing FUEL CONSUMED data; Koliganek, Koyukuk, Napakiak, Pedro Bay, and THREA (Klawock).
2. The KWH SOLD/GAL FUEL calculation for Bethel was adjusted because of one month of missing data for KWH SOLD.
3. The following utilities have had adjustments to their OP COSTS/KWH SOLD calculation due to partially missing OPERATING COSTS data
4. The KWH SOLD/GAL FUEL calculation for Pelican and Skagway (THREA) include some hydro generation.
5. The following utilities had one or more months of missing KWH GENERATED data; Akiachak, Akiak, Akhiok, AVEC (Upper Klaskag & Elfin Cove, False Pass, Far North, Kobuk, Kokhanok, Koliganek, Larsen Bay, Levelok, Napakiak, North Slope (Wainwright), Ouzinkie, Puvurnaq, Sheldon Point, Takotna, Tanana, Tatitlek, Teller, Tetlin, THREA, Tulkisarmute, Venetie, and White Mountain.
6. The following utilities purchase power from their respective school district: Kokhanok, Koliganek, and Napakiak. Kobuk purchases
7. Refer to the FY 88 "Monthly PCE Statistics Report" dated October 24, 1988 for further details. Because of adjustments made after

## ANNUAL STATISTICS FY 88

AVR. FUEL \$/GAL	FUEL CONSUMED GAL.	FUEL COST (\$)	OPERATING COSTS (\$)	TOTAL DISBURSE- MENTS (\$)	ELIGIBLE KWH/M				KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR ANH DISBUR/ CUST (\$)	AVR PCE AMOUNT C/KWH
					RESID	FACIL	COMRCL	TOTAL				
1.148	42,745	48,206	119,001	62,554	316	130	499	336	8.8	0.317	977	24.2
1.163	23,674	27,699	28,104	27,804	89	368	601	185	4.3	0.276	927	41.8
1.283	28,485	37,327	31,213	42,669	150	428	384	193	9.9	0.111	321	23.7
0.772	447,779	347,930	560,263	90,045	689	2,054	786	814	12.1	0.103	431	4.4
0.951	13,740	12,794	29,615	12,608	157	694	749	301	8.7	0.249	407	22.5
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1.030	28,866	29,732	20,698	18,125	78	179	250	119	3.5	0.204	378	26.5
1.040	63,828	66,381	116,626	109,398	349	3,999	434	465	9.2	0.198	1,421	25.5
0.952	290,036	274,397	222,611	227,607	613	1,386	464	704	8.0	0.095	1,217	14.4
1.217	17,540	21,326	18,26	15,057	115	497	395	232	7.9	0.134	358	12.9
1.135	148,240	167,974	363,417	123,290	217	1,258	354	310	10.7	0.229	685	18.4
1.001	34,464	37,386	2,268	48,806	275	157	372	290	4.6	0.034	1,017	29.2
2.480	7,586	18,819	1,680	10,256	147	211	532	231	4.4	0.396	1,026	40.4
1.461	62,764	91,635	134,073	79,303	175	319	467	236	8.4	0.239	922	32.5
1.072	35,404	34,355	58,830	51,436	136	392	415	199	8.3	0.199	520	21.8
1.498	14,291	21,422	2,007	9,389	133	467	234	162	3.5	0.082	313	24.2
-----												
0.807	136,444	110,515	79,569	102,923	368	1,605	479	442	7.4	0.078	520	13.1
			1,191,030							0.134		
-	144,085	105,249	"	227,349	465	1,569	624	534	10.2	"	1,395	21.8
-	286,258	249,827	"	384,656	434	2,321	510	513	9.9	"	1,336	21.7
-	230,219	170,623	"	353,420	451	3,757	453	560	10.0	"	1,454	21.6
-	14,692	1,772	"	22,983	339	127	300	314	7.7	"	821	21.8
-	124,741	101,412	"	354,064	437	3,241	666	510	14.4	"	1,351	21.7
1.990	17,084	33,988	28,807	38,032	270	194	144	257	11.3	0.150	494	21.3
0.995	41,162	40,879	76,745	40,795	250	369	444	274	10.9	0.194	492	16.3
1.080	56,849	8,998	9,233	13,495	213	343	333	252	0.8	0.209	422	33.5
-----												
0.805	229,932	182,212	324,410	189,867	403	2,155	485	475	12.9	0.135	695	12.2
0.654	1,190,922	775,143	1,118,251	180,379	424	2,867	526	626	13.4	0.070	469	6.2
1.380	17,705	23,910	52,584	46,319	220	226	246	224	7.5	0.398	945	35.1
1.238	29,436	37,064	11,391	15,635	183	138	299	193	3.6	0.107	230	17.0
1.029	53,905	55,401	90,136	51,475	187	612	454	252	6.9	0.243	660	21.8
1.022	367,771	374,197	160,500	110,583	490	856	656	533	12.0	0.036	392	6.1
-----												
1.102	22,860,328	21,638,546	32,003,859	16,787,586	275	1,001	444	333	11.2	0.132	686	14.3
0.970					302	2,366	474	445				

AVEC (Pitkas Point, Upper Kalskag, Wales), Brevig Mission, Buckland, Ekwok, False Pass, Kobuk, Kokhanok,

; Akhiok, Bettles, Brevig Mission, Ekwok, Tatitlek, Teller, Tetlin, THREA, Tuntutuliak, and Unalakleet.

Wales), Bethel, Brevig Mission, Buckland, Chefornak, Chenega Bay, Ekwok, Koyukuk, Coffman Cove, Egegik, Perryville, Pilot Point, Port Heiden,

power from Shungnak (AVEC).

October 24, 1988, later reports will not be exactly consistent with this report for a few utilities.

Statistics from Table III were used to derive the information presented in Tables IV-V and Figures #2-8.

Size can be a limiting factor in achieving efficient utility operations. Figure #2 shows that most of the utilities that participate in the PCE program are not much larger than an Anchorage subdivision. In FY 88, 66% of the 98 participating utilities served fewer than 100 customers and accounted for 14% of the total customers who received PCE benefits. Some of these utilities operate several independent power systems with each system serving an isolated community. If each isolated power system/community is considered as a separate utility, then 98 utilities, or 61% of the total, served fewer than 100 customers and accounted for 23% of total customers.

**FIGURE #2**

**DISTRIBUTION OF UTILITIES  
By Number of Customers**

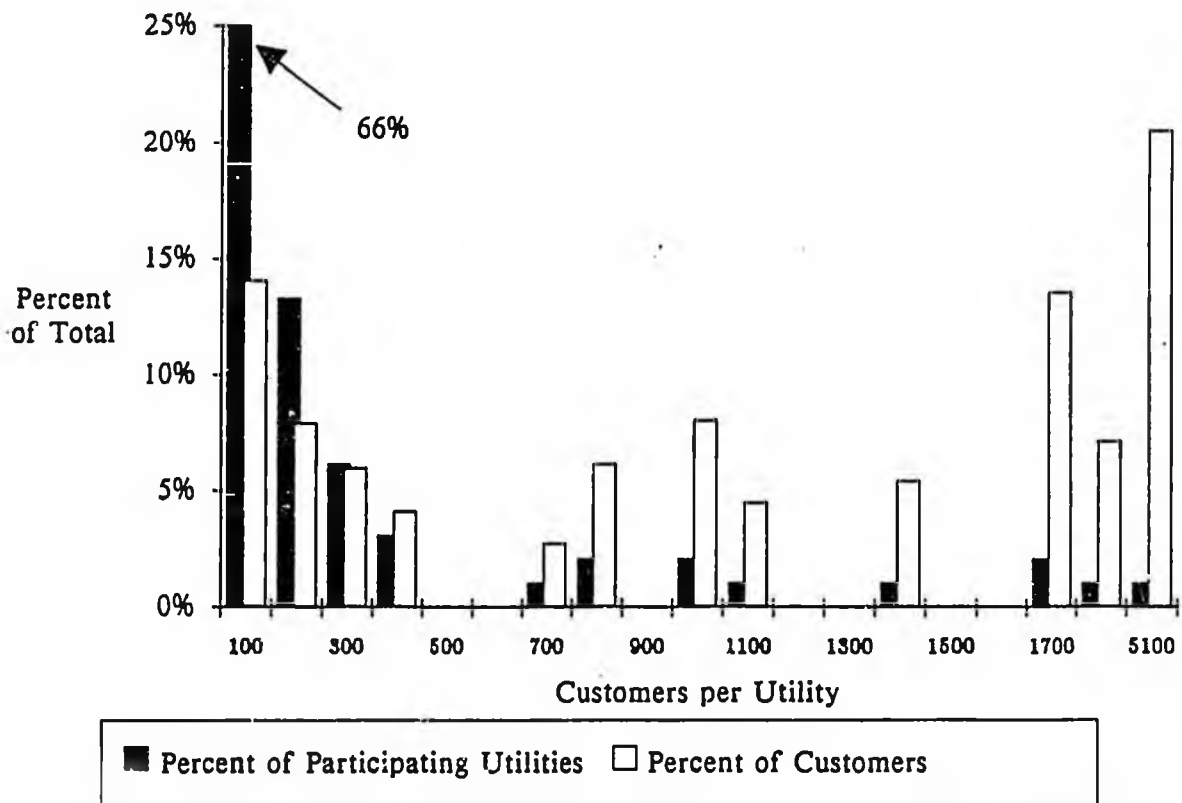


TABLE IV

DISTRIBUTION OF UTILITIES BY SIZE

CUSTOMERS PER UTILITY	BY SEPARATE COMMUNITIES				BY SEPARATE UTILITIES			
	COMMUNITIES		CUSTOMERS		UTILITIES		CUSTOMERS	
	#	%	#	%	#	%	#	%
1-99	98	61	5,605	23	65	66	3,438	14
100-199	38	24	5,325	22	13	13	1,937	8
200-299	12	7	2,871	12	6	6	1,457	6
300-399	3	2	1,002	4	3	3	1,002	4
400-499	1	1	484	2	0	0	0	0
500-599	2	1	1,092	4	0	0	0	0
600-699	1	1	661	3	1	1	661	3
700-799	1	1	703	3	2	2	1,501	6
800-899	0	0	0	0	0	0	0	0
900-999	1	1	980	4	2	2	1,964	8
1,000-1,099	1	1	1,090	4	1	1	1,090	4
1,100-1,199	0	0	0	0	0	0	0	0
1,200-1,299	0	0	0	0	0	0	0	0
1,300-1,399	1	1	1,324	5	1	1	1,324	5
1,400-1,499	0	0	0	0	0	0	0	0
1,500-1,599	0	0	0	0	0	0	0	0
1,600-1,699	2	1	3,318	14	2	2	3,318	14
1,700-1,799	0	0	0	0	1	1	1,742	7
5,000-5,099	0	0	0	0	1	1	5,021	21
<b>TOTAL</b>	<b>161</b>		<b>24,455</b>		<b>98</b>		<b>24,455</b>	

FOOTNOTES

- a. Each of the separate systems/communities served by Alaska Power & Telephone, Alaska Village Electric Co-op, Middle Kuskokwim Electric Co-Op, North Slope Borough and Tlingit-Haida Regional Electric Authority are considered as separate utilities under "By Separate Communities".
- b. The total number of communities in Table IV is less than the number of communities served in Table II because a few power systems serve more than one community.

Figure #3 indicates that the smaller utilities tend to have higher cents/KWH PCE subsidies. Because of scale, this figure excludes the 5 largest utilities that participate in the PCE program but, consistent with the graph, all have low PCE amounts (see Table V).

FIGURE #3

COMPARISON OF  
Utility Size to Average PCE Amount

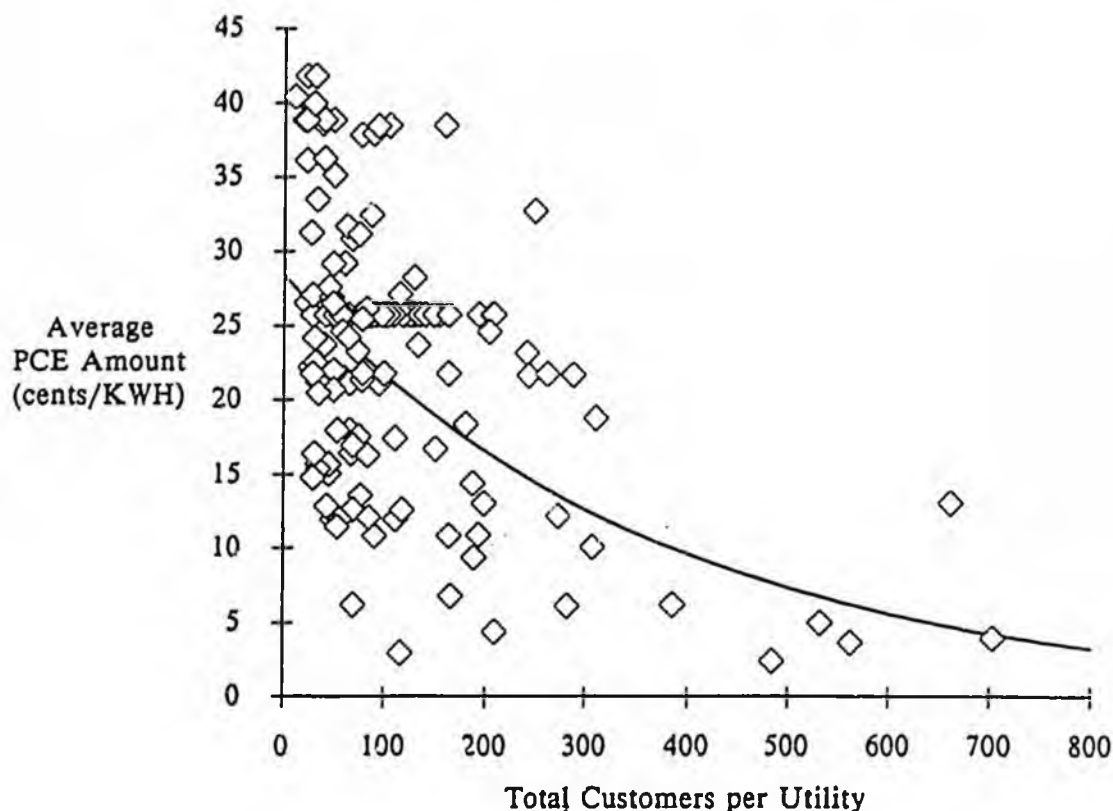


TABLE V

UTILITIES EXCLUDED FROM FIGURES 3-7

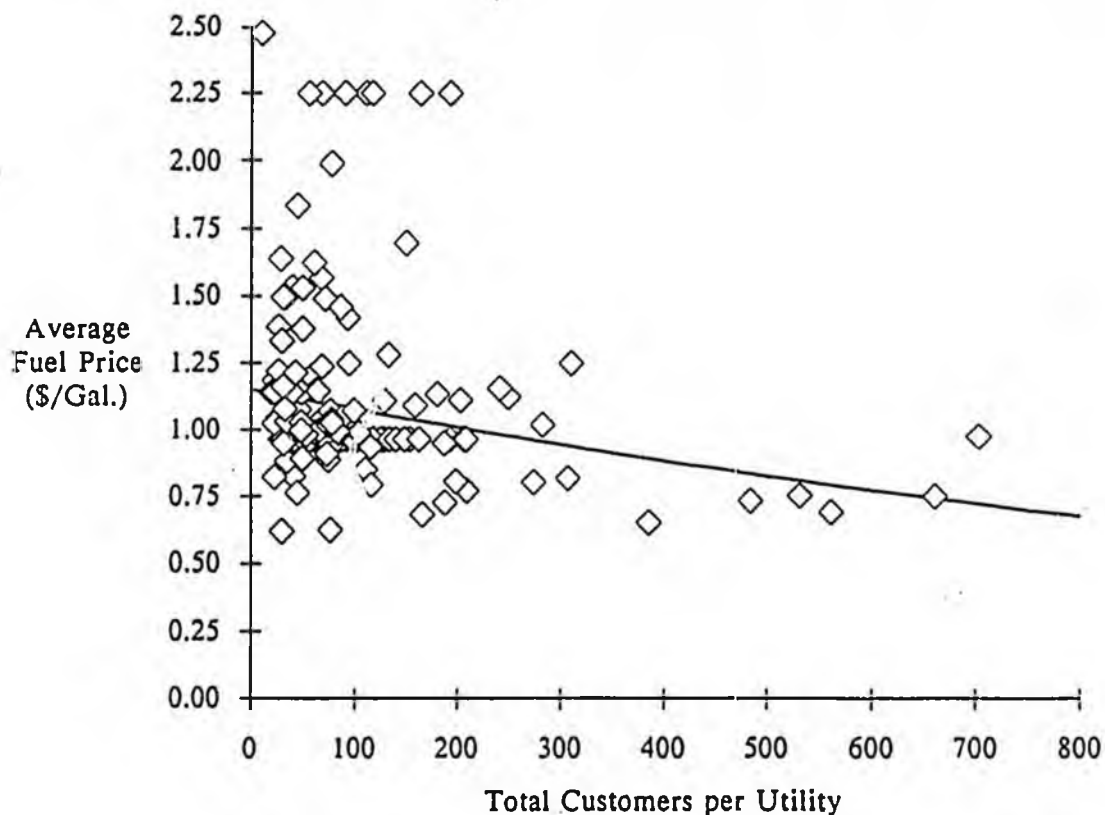
UTILITY	# OF CUST	AVR PCE AMOUNT	KWH/ GAL.	OP \$/ KWH	FUEL PRICE	KWH/ MONTH
Bethel	1,687	7.2	12.6	0.072	1.163	425
Cordova	1,324	7.5	12.5	0.087	0.757	523
Kotzebue	980	10.8	11.1	0.142	0.938	529
Nome	1,631	8.3	13.2	0.090	0.949	502
Nushagak	1,090	8.4	12.9	N/A	0.799	464

The PCE amounts for utilities that serve smaller villages tends to be higher because fuel prices and operating costs tend to be higher and fuel efficiency tends to be lower. These relationships are illustrated by the scatter diagrams in Figures 4, 5 and 6. Again, because of scale, the 5 largest utilities have not been included in these figures but the data in Table V indicates that the correlations would not have changed if they had been included.

Although smaller utilities generally have less favorable economies-of-scale than larger utilities, there are numerous improvements that can be made to improve fuel efficiency and reduce operating costs. An example is Nikolai which received Rural Technical Assistance from the APA to improve their generation and distribution system. Data from Appendix C shows that from FY 85 to FY 88, Nikolai's fuel efficiency has improved from 5.2 to 10.2 KWH Sold/Gallon of Fuel and operating costs have been reduced from 0.164 to 0.109 \$/KWH Sold.

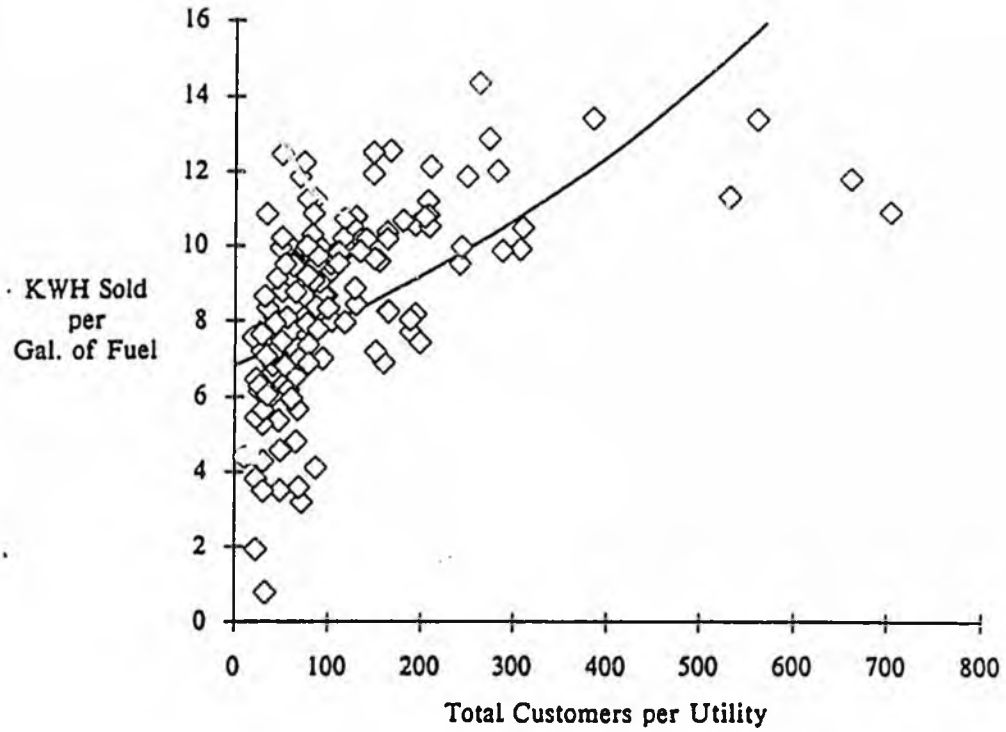
FIGURE #4

COMPARISON OF  
Utility Size to Average Fuel Price



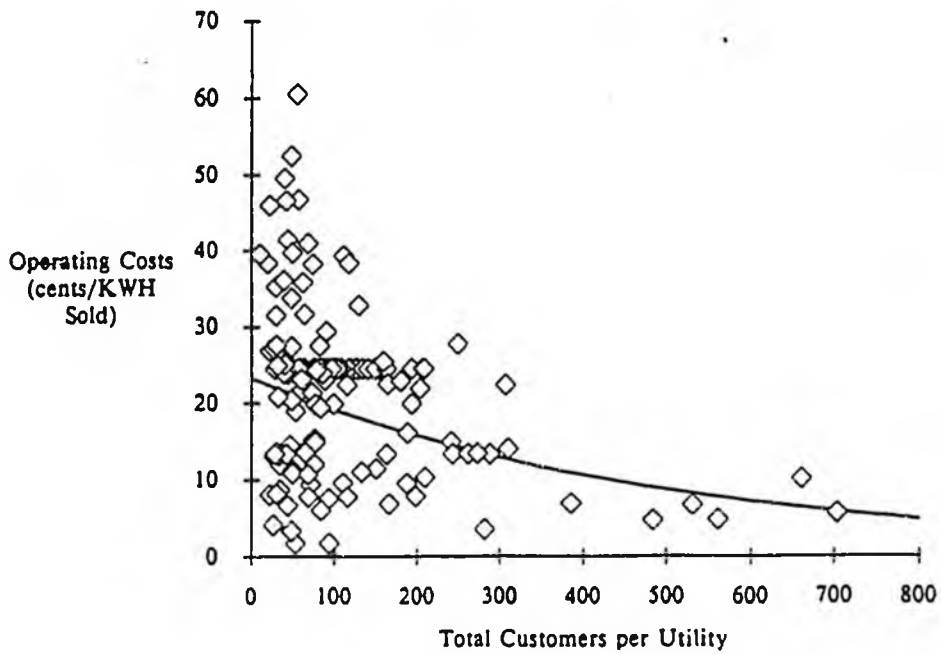
**FIGURE #5**

**COMPARISON OF  
Utility Size to Fuel Efficiency**



**FIGURE #6**

**COMPARISON OF  
Utility Size to Operating Costs**



Another size-related correlation is that electrical consumption, as measured by KWH/month/customer, tends to be less with smaller utilities. Figure #7, which illustrates this point, again excludes the five largest utilities (see Table V). KWH/month refers to the average consumption of eligible KWH's for all customers of the respective utility.

FIGURE #7

COMPARISON OF  
Utility Size to KWH/Month/Customer

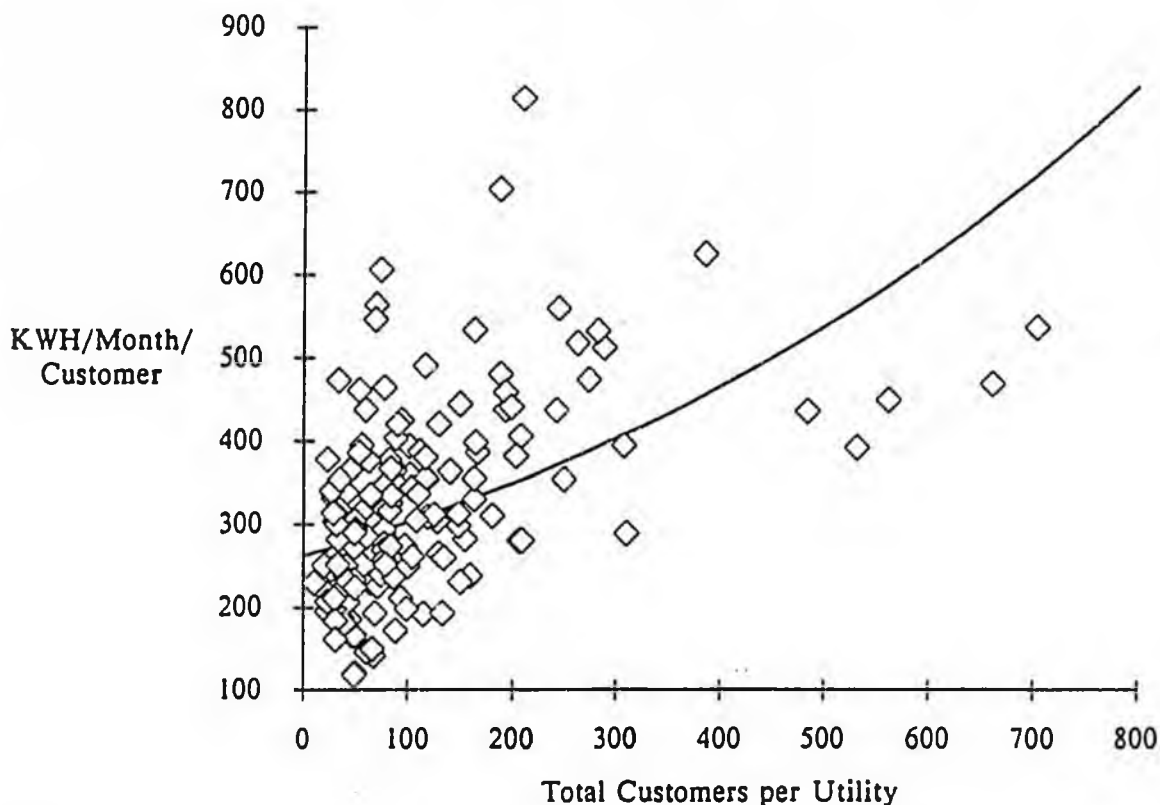


Figure #8 and Table VI brackets utilities by their average eligible residential KWH's per month and then compares, within each bracket, the number of utilities with total KWH's consumed. In FY 88, 65.2% of the utilities accounted for only 22.6% of the total PCE eligible consumption by residential customers. Utilities with residential consumers averaging between 400 and 499 eligible KWH/month accounted for 54.6% of the total. Only 3.7% of residential consumption exceeded 500 KWH's.

It should be noted that the data in Table VI are utility averages. If data had been available to analyze the distribution of FY 88 customer averages, it would probably find that more than 3.7% of the residential customers consume more than 500 KWH's. A January 1988 report by the Division of Policy entitled The Power Cost Equalization Program mentioned a 1987 study which indicated a bimodal distribution of consumption by residential customers. In this survey of 11 utilities that participate in the PCE program, approximately 25% of the residential customers consumed less than 200 KWH per month and 5.8% of total (not just PCE eligible) residential KWH consumption. Another 25% consumed between 501 and 750 KWH per month which accounted for 40.6% of total residential KWH consumption.

FIGURE #8

DISTRIBUTION OF UTILITIES  
By Eligible Residential KWH

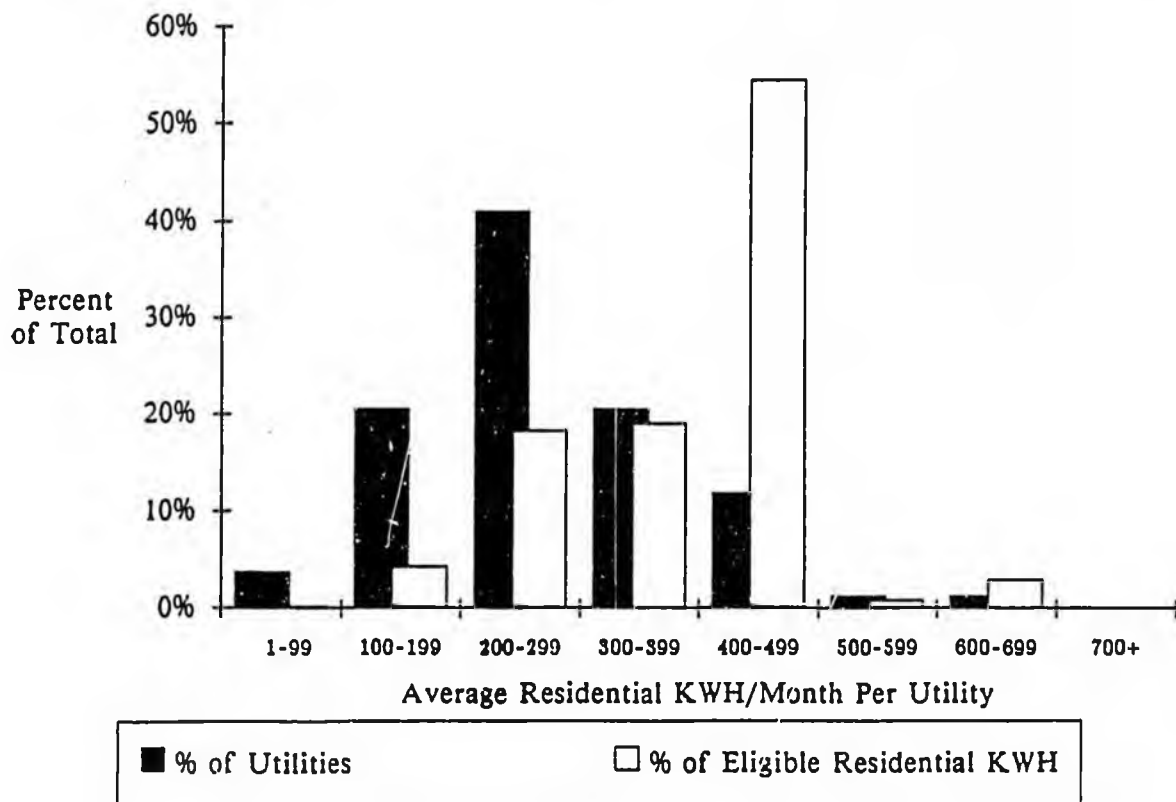


TABLE VI

## DISTRIBUTION OF RESIDENTIAL CONSUMPTION

ELIGIBLE RESID KWH/M PER UTILITY	# OF UTILITIES	ELIGIBLE RESID KWH	# OF UTILITIES	ELIGIBLE RESID. KWH
1-99	6	113,038	3.7%	0.1%
100-199	33	3,249,092	20.5%	4.2%
200-299	66	13,982,898	41.0%	18.3%
300-399	33	14,584,972	20.5%	19.0%
400-499	19	41,819,446	11.8%	54.6%
500-599	2	583,275	1.2%	0.8%
600-699	2	2,253,339	1.2%	2.9%
700-799	0	0	0.0%	0.0%
TOTAL	161	76,586,060	100.0%	100.0%

Table VII compares, for each utility that participated in the PCE program during FY 88, its unsubsidized rate for residential customers with its PCE amount. This table illustrates that even with State assistance, the effective electric rate paid by residential customers who receive PCE benefits is considerably higher than electric rates in urban Alaska. The weighted average residential rate of utilities that participate in the PCE program is 27.5 cents/KWH. This, less the average PCE amount of 14.3 cents/KWH results in an effective residential rate of 13.2 cents/KWH. According to its 1987 Annual Report, the 1987 average rate for Chugach Electric Co-Op residential customers was 6.92 cents/KWH.

TABLE VII  
COMPARISON OF RESIDENTIAL RATES TO PCE AMOUNTS  
FY 88

UTILITY	A. AVR RESID RATE C/KWH	B. ACTUAL PCE AMOUNT C/KWH	C. AVR PCE AMOUNT C/KWH	D. EFFECTIVE RESID RATE C/KWH
Akhiok, City of	-	-	26.5	-
Akiachak Ltd.	49.0	26.8	28.3	22.2
Akiak City Council	35.0	18.1	18.0	16.9
Alaska Power & Telephone				
Craig	18.7	3.3	3.7	15.4
Hydaburg	22.3	7.9	6.8	14.4
Skagway	19.0	2.3	2.4	16.8
Tok	24.3	4.4	5.0	19.9
Alaska Village Elec Co-Op	37.2	26.0	25.8	11.2
Allakaket Energy Systems	60.0	29.8	30.9	30.2
-----				
Alutiiq Power Co. (Karluk)	42.0	27.0	27.1	15.0
Andreanof Elec. (Atka)	-	16.5	15.1	-
Aniak L & P	43.4	24.6	24.6	18.8
Arctic Village Elec.	71.0	21.5	21.5	49.5
Atmautluak Joint Utility	46.4	26.4	24.6	20.0
Beaver Elec.	50.0	21.8	27.0	28.2
Bethel Utility Corp.	16.7	6.8	7.2	9.9
Bettles L & P	52.2	29.6	31.7	22.7
Birch Creek Village	60.0	32.9	31.3	27.1
Brevig Mission Utility	35.0	21.2	21.7	13.9
-----				
Buckland City Council	-	-	17.0	-
Chefornak Elec. Co.	42.0	21.9	17.6	20.1
Chenega Bay IRA Vil. Coun.	38.0	22.2	22.2	15.8
Chignik Elec.	30.0	12.7	13.6	17.3
Chitina Elec. Inc.	43.9	24.5	23.7	19.4
Circle Elec. Utility	45.0	36.5	36.1	8.5
Clarks Pt., City of	39.0	15.7	15.7	23.3
Coffman Cove Utility Assoc	20.0	7.3	6.2	12.7
Cordova Elec. Co-Op.	19.5	7.2	7.5	12.2
Diomedea City Council	45.0	9.8	12.0	35.2
-----				
Eagle Power Co.	40.0	29.5	27.1	10.5
Eagle Village	55.0	41.8	41.8	13.2
Egegik L & P	57.0	37.5	37.9	19.5
Ekwok, City of	30.0	15.7	15.7	14.3
Elfin Cove Elec. Utility	29.0	15.7	15.4	13.3
False Pass Elec. Assoc.	42.0	18.0	14.8	24.0
Far North Utility (Central)	50.9	27.9	27.6	23.0
G & K, Inc. (Cold Bay)	25.4	14.8	23.3	10.6
Galena, City of	40.9	13.5	10.1	27.4
Golovin Power Utility	45.0	29.2	29.2	15.8
-----				
Gustavus Elec. Co.	47.0	38.5	38.5	8.5
Gwitchyaa Zhee (Ft Yukon)	39.8	18.4	18.8	21.4
Haines L & P	19.0	3.2	4.0	15.8
Hughes P & L	51.0	36.5	36.3	14.5
Igiugig Vil. Council	58.0	41.8	39.8	16.2

12-Dec-88

UTILITY	A. AVR RESID RATE C/KWH	B. ACTUAL PCE AMOUNT C/KWH	C. AVR PCE AMOUNT C/KWH	D. EFFECTIVE RESID RATE C/KWH
Ipnatinaq Co. (Deering)	38.5	13.9	18.0	24.6
INN Elec. Co-Op (Iliamna)	44.5	33.6	32.7	10.9
King Cove, City of	20.0	9.9	9.4	10.1
Kobuk Valley Elec. Co-Op	53.0	20.6	21.1	32.4
Kokhanok Vil. Council	55.1	36.6	38.7	18.6
Koliganek Vil. Council	30.0	21.5	16.4	8.5
Kotzebue Elec. Assoc.	25.4	11.9	10.8	13.5
Koyukuk, City of	-	-	22.0	-
Kwethluk, Inc.	44.0	16.7	16.7	27.3
Kwig Power Co.	50.0	25.7	26.1	24.3
Larsen Bay Utility	40.0	22.8	21.1	17.2
Levelock Elec. Co-Op	43.2	28.9	31.2	14.3
Manley Utility Co.	-	23.1	38.0	-
Manokotak Natives Ltd.	30.0	21.1	21.1	8.9
McGrath L & P	38.8	24.4	23.1	14.4
Middle Kuskokwim Co-Op	59.0	41.8	38.9	17.2
Naknek Elec.	24.2	10.0	13.1	14.2
Napakiaq Ircinraq Power	47.0	38.5	38.5	8.5
Napaskiak Inc.	59.0	38.5	38.5	20.5
Nelson Lagoon Elec.	42.0	23.1	21.2	18.9
Nikolai L & P	60.0	26.8	20.7	33.2
Nome Joint Utility	15.0	8.7	8.3	6.3
North Slope Borough				0.0
Anaktuvuk	15.0	12.5	12.0	2.5
Atkasuk	15.0	13.5	12.6	1.5
Kaktovik	15.0	10.5	10.9	4.5
Nuiqsut	15.0	13.5	12.6	1.5
Pt. Hope	15.0	10.5	10.9	4.5
Pt. Lay	15.0	12.5	12.0	2.5
Wainwright	15.0	10.5	10.9	4.5
Northway P & L	29.4	17.5	17.4	12.0
Nushagak Elec. Co-Op	21.9	9.6	8.4	12.3
Ouzinkie, City of	28.8	13.6	12.1	15.2
Pedro Bay Vil. Council	63.0	41.8	40.0	21.2
Pelican Utility Co.	15.1	3.0	3.0	12.1
Perryville, City of	35.0	18.8	16.4	16.2
Pilot Point Vil. Council	35.0	24.2	20.5	10.8
Port Heiden, City of	20.0	11.5	11.5	8.5
Puvuruaq Power Co. (Kong.)	45.0	22.4	24.2	22.6
Rampart Village	60.0	41.8	41.8	18.2
Ruby Elec. Co.	54.0	24.2	23.7	29.8
Sand Point Elec.	25.2	4.4	4.4	20.8
Sheldon Pt. City Council	50.0	23.3	22.5	26.7
Stevens Village Sys.	55.0	21.2	26.5	33.8
St. George Elec. Utility	58.9	25.0	25.5	33.9

12-Dec-88

UTILITY	A. A/R RESID RATE C/KWH	B. ACTUAL PCE AMOUNT C/KWH	C. AVR PCE AMOUNT C/KWH	D. EFFECTIVE RESID RATE C/KWH
St. Paul Mun. Elec.	38.0	15.2	14.4	22.8
Takotna Comm. Assoc.	48.1	11.6	12.9	36.6
Tanana Power Co.	46.8	19.1	18.4	27.8
Tatitlek Elec. Utility	39.0	29.2	29.2	9.8
Telida Village Utility	63.0	41.8	40.4	21.2
Teller Power	53.8	40.4	32.5	13.4
Tenakee Springs Elec.	39.0	22.7	21.8	16.3
Tetlin Village Energy	47.0	26.5	24.2	20.5
Thorne Bay Public Utility	31.2	14.1	13.1	17.1
Tlingit Haida REA	36.7	21.4	21.7	15.3
-----				
Tulkisarmute Inc (Tuluksak)	30.0	21.5	21.3	8.5
Tuntutuliak Comm. Serv.	46.0	14.8	16.3	31.2
Umnak Power Co.(Nikolski)	58.0	33.5	33.5	24.5
Unalakleet Valley Elec.	26.7	12.5	12.2	14.2
Unalaska Elec. Utility	20.0	6.3	6.2	13.7
Unqsrug Power Co (Newtok)	52.0	38.9	35.1	13.1
Venetie Village Elec.	51.0	7.2	17.0	43.8
White Mountain Utility	40.8	23.7	21.8	17.2
Yakutat Power Inc.	20.6	5.5	6.1	15.1

FOOTNOTES

- The sources of information for each column are;
  - Regulated utilities; "Rates For Regulated Electric Utilities", APUC, Aug. 11, 1987. Fuel surcharges are not included in these rates.
  - Unregulated utilities; "Power Cost Equalization Participants" APUC, Oct. 1, 1987.
  - "Power Cost Equalization Program Status Sheet" APUC, Sept. 28, 1987.
  - Table II, "Annual Statistics FY 88" APA, Oct. 26, 1988.
  - Column A minus column B.
- If a utility had more than one residential rate, the average rate was determined based on the average KWH/month/customer for that utility.
- Some utilities have a separate PCE amount for non-residential customers which will increase any difference between column B and C.

## IV. HISTORICAL PERSPECTIVE

### A. PROGRAM OVERVIEW

Revenues to the State of Alaska increased substantially in 1977 when the Trans-Alaska pipeline began operation. Two years later, crude oil prices nearly tripled and the State's unrestricted revenues increased from \$1.1 billion in FY 79 to \$2.5 billion in FY 80.

With its new wealth, the State assumed a broader role in improving basic services for its residents. Rising oil prices, in addition to increasing State revenues, substantially increased the cost of generating electricity for utilities that were mostly dependent on diesel generation. This included nearly all of the utilities in rural Alaska which already had high rates. To provide relief, the 1980 Legislature established the Power Production Cost Assistance (PPCA) program as part of an omnibus energy bill (HCS SB 438) which also established several other new energy programs for the State.

The objective of the PPCA program was to have the State pay a portion of generation and transmission (but not distribution) costs being incurred by utilities with high rates. This payment was to be used by the utilities to reduce the rates residential customers, community facilities and charitable organizations.

The APUC determined an "Adjusted Power Production Cost" for each utility participating in the program. This amounted to 7.65 cents plus 15% of the eligible costs between 7.65 and 40 cents per KWH and 0% of the costs over 40 cents per KWH. The Adjusted Power Production Cost was, effectively, the rate to be paid by eligible customers. The PPCA payment was the difference between a utility's unsubsidized rate and the adjusted power production cost times the number of kilowatt hours that were sold to eligible customers.

In 1981, the PPCA program was amended and became the Power Cost Assistance (PCA) program with expanded eligibility and benefits. Key features of the new PCA program were:

1. Distribution and operation costs were now eligible for reimbursement. Return on equity continued to be ineligible.
2. Complete cost records were no longer required of utilities because of the difficulties that many smaller utilities had in presenting records to APUC's satisfaction.
3. Payment to utilities was increased to cover 95% of the costs between 12 cents per KWH and 45 cents per KWH.
4. The program was given a finite life by adding one cent per KWH per year to the base cost of 12 cents per KWH.

5. A cap was established of 55 KWH per month per resident for community facilities and 600 KWH per month for each other customer.
6. Commercial and industrial customers were eligible to partake in the program.

The 1984 Legislature once again amended and renamed the program. The Power Cost Equalization program (PCE) replaced PCA and again expanded benefits. However, utility eligibility was made more restrictive. Essentially, larger urban utilities and the utilities that purchased wholesale power from the APA's Four Dam Pool were not eligible to participate in the PCE program. Section IIIA of this report provides a more complete description of the PCE program.

Table VIII provides a comparison of the criteria used for determining the PPCA, PCA and PCE subsidy amounts per kilowatt hour.

**TABLE VIII**

**AMOUNT PER KILOWATT HOUR CRITERIA**

	PPCA	PCA	PCE
<b>AMOUNT/KWH</b>			
Entry Rate (cent/KWH)	7.65	12.0 + 1.0/yr.	8.5
Ceiling Rate (cent/KWH)	40.0	45.0	52.5
Eligible Costs Allowed *	85%	95%	95%
Eligible Costs Over Ceiling	100%	0%	0%
<b>CONSUMPTION LIMITS</b>			
Comm Facil (KWH/Month)	No Limit	55/Resident	70/Resident
All Others (KWH/Month)	No Limit	600	750

**FOOTNOTE**

\* Eligible Costs Allowed includes those eligible costs that exceed the entry rate but are less than the ceiling rate.

**B. PROGRAM STATISTICS OVERVIEW**

Table IX provides a comparison, by fiscal year, of key PPCA, PCA and PCE program statistics. It should be noted that PCA data from Copper Valley Electric Association (CVEA) and Kodiak Electric Association (KEA) have been deleted from this table because these utilities are not eligible for PCE and, due to their size, they significantly influence the statistics and distort the trends. Also, FY 85 statistics combine PCA data (3 months) with PCE data (9 months). Appendix A includes two similar tables; both with FY 85 PCA and PCE data separated and one table that includes CVEA and KEA data.

Table IX

ADJUSTED PROGRAM STATISTICS  
POWER COST ASSISTANCE/EQUALIZATION  
FY 81 - 88

	PPCA FY 81	PCA FY 82	PCA FY 83	PCA FY 84	PCA/PCE FY 85	PCE FY 86	PCE FY 87	PCE FY 88
=====								
FUNDING								
Appropriations	\$2,657,600	\$9,300,000	\$8,300,000	\$8,300,000	\$19,100,000	\$21,700,000	\$13,840,299	\$15,067,900
Total Disbursements	\$2,183,168	\$6,419,408	\$8,327,152	\$8,740,820	\$13,800,868	\$17,785,390	\$16,771,338	\$17,642,895
Disbursements Less CVEA & KEA	\$1,781,104	\$5,606,201	\$7,795,705	\$8,531,713	\$13,740,030	\$17,785,390	\$16,771,338	\$16,787,586
Disbursements/Customer	\$235	\$442	\$476	\$385	\$623	\$766	\$686	\$686
PARTICIPATION								
# of Utilities	13	31	48	61	83	94	97	98
Communities Served	66	84	112	127	149	162	164	165
Population Served	NA	40,488	45,969	51,435	59,007	62,042	63,025	65,886
CUSTOMERS								
Residential & Commercial	6,982	11,930	15,579	18,057	21,106	22,175	23,372	23,401
Community Facilities	603	757	739	890	1,040	1,040	1,093	1,054
Total Customers	7,585	12,687	16,318	18,946	22,146	23,215	24,465	24,455
CONSUMPTION								
Total MWH Generated	49,389	122,743	169,244	183,968	182,065	211,553	227,907	251,540
Total MWH Sold	50,809	NA	NA	NA	160,804	225,414	242,621	256,653
Elig. MWH Resid. & Comrc'l.	15,396	37,730	54,445	63,729	81,253	91,788	97,578	101,095
Elig. KWH/Month, Resid. & Comrc'l	350	341	329	330	357	371	376	396
Elig. MWH Comm. Facil.	4,521	7,717	9,487	12,305	14,193	16,551	17,014	16,685
Elig. KWH/Month, Comm. Facil.	1,354	1,204	1,605	1,679	1,980	2,196	2,166	2,366
Total Elig. MWH	19,916	45,450	63,931	76,031	95,446	108,339	114,592	117,779
Elig. KWH/Month, Total Cust.	393	376	369	375	402	421	424	445
COSTS								
Average Fuel Price (per gallon)	\$1.150	\$1.279	\$1.283	\$1.265	\$1.172	\$1.147	\$0.984	\$0.970
Fuel Consumed (gallons)	NA	NA	NA	NA	14,861,722	20,994,795	20,155,802	22,860,328
Total Fuel Costs	NA	NA	NA	NA	\$18,706,253	\$23,284,918	\$18,930,252	\$21,638,546
Total Operating Costs	NA	NA	NA	NA	\$20,179,674	\$31,707,920	\$29,053,402	\$32,003,859
EFFICIENCY RATIOS								
Fuel Efficiency (KWH Sold/Gal.)	NA	NA	NA	NA	10.6	10.7	11.0	11.2
Operating Costs/KWH Sold	NA	NA	NA	NA	\$0.154	\$0.140	\$0.122	\$0.132
RATES								
Avr. PCA/PCE Amount (\$/KWH)	\$0.089	\$0.123	\$0.122	\$0.112	\$0.144	\$0.164	\$0.146	\$0.143

FOOTNOTES

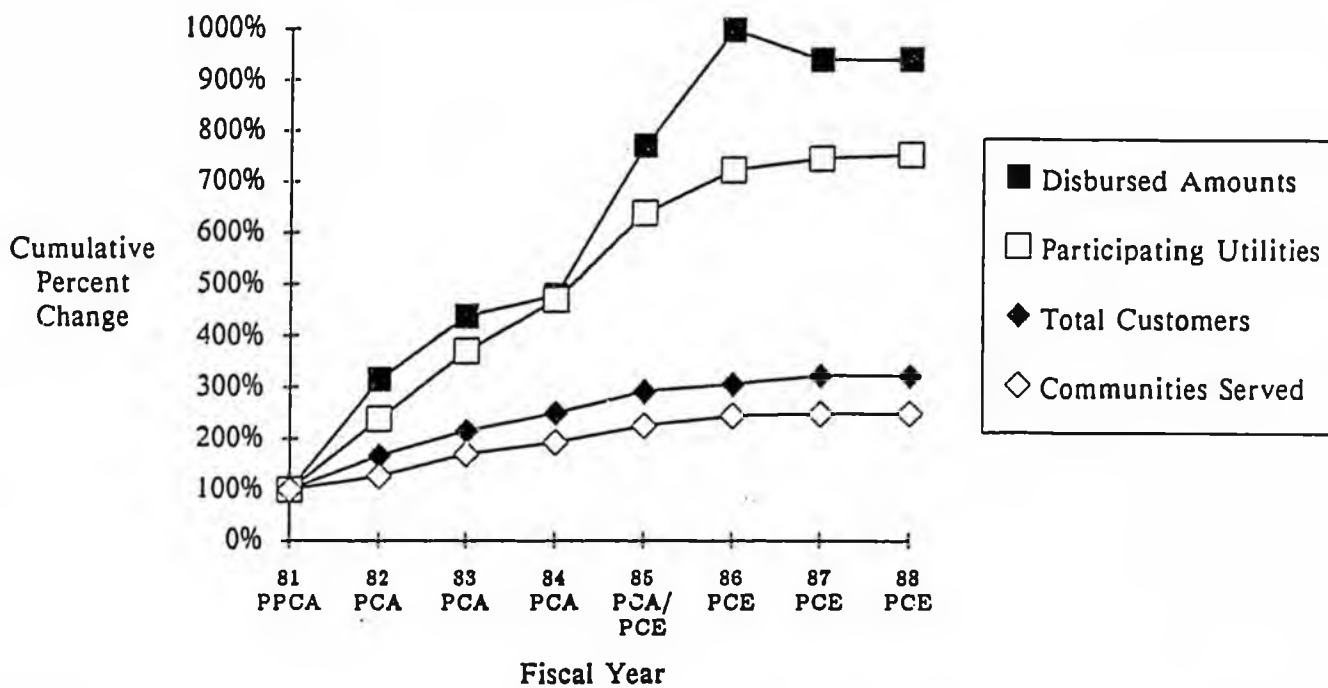
1. On October 20, 1984 (FY 85), the PCE program supplanted the PCA program.
2. The data in this table have been modified to delete PPCA and PCA data from Copper Valley Elec. Assoc. and Kodiak Elec. Assoc. and to combine FY 85 PCA and PCE statistics.
3. For FY 85, PCE statistics are used for PARTICIPATION, CUSTOMERS, and COSTS (except for Average Fuel Cost). All other statistics are a combination of PCA and PCE data.
4. KWH Generated is less than KWH Sold because some utilities have not reported generation data.
5. Average Fuel Cost calculations are weighted according to KWH Generated of each utility. KWH Sold was used when KWH Generated was not reported.
6. KWH/ Month calculations are weighted according to the amount of Elig KWH per utility.
7. FY 88 statistics are current as of October 24, 1988. Total Disbursements includes estimated accounts payables that are expected to be made after this date. Any disbursements will affect the other statistics for FY 88.

Following are some observations regarding Table IX.

1. The statistics under FUNDING PARTICIPATION and CUSTOMERS illustrate step increases when PPCA became PCA in FY 82 and when PCA became PCE in FY 85. This can be largely attributed to the program changes that increased benefits and expanded eligibility. Figure #9 converts the statistics to percentages so that they are in common units and illustrates the correlation between these factors.

FIGURE #9

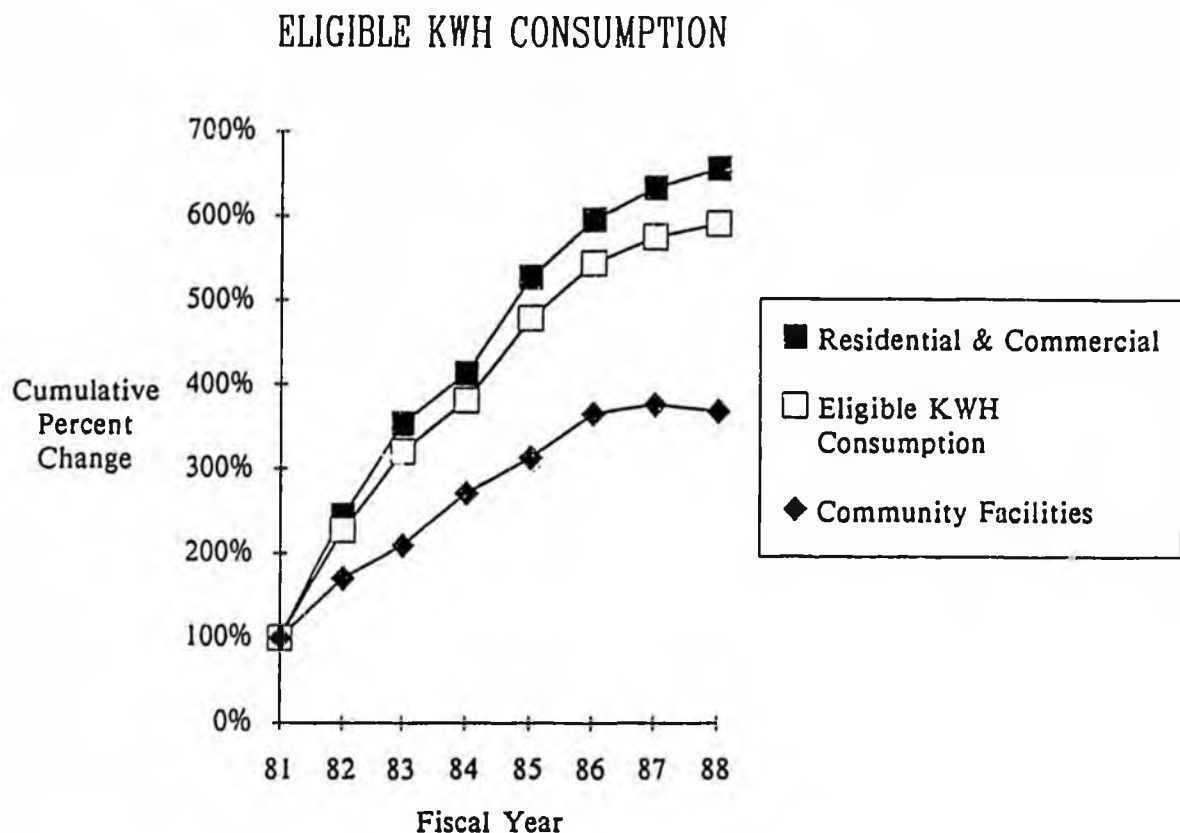
PROGRAM PARTICIPATION  
Compared to Disbursements



2. As illustrated by Figure #10, the statistics under CONSUMPTION show a steady increase in eligible KWH's sold. From FY 82 through FY 88, the average annual growth rate was 17.2% for total eligible KWH's, 17.9% for residential and commercial eligible KWH's, and 13.7% for community facility eligible KWH's. (FY 81 was not included in this calculation since the program was not in operation for a full year.) The one exception is community facilities in FY 88 when there was a slight decrease in eligible KWH's. This decrease may be due, in part, to some customers losing eligibility as community facilities because of the funding source for their operating budget.

Much of the growth in consumption since FY 81 is due to an increase in the number of customers. Although the number of customers may now be near the saturation level, there was some increase between FY 87 and FY 88, but at a reduced rate.

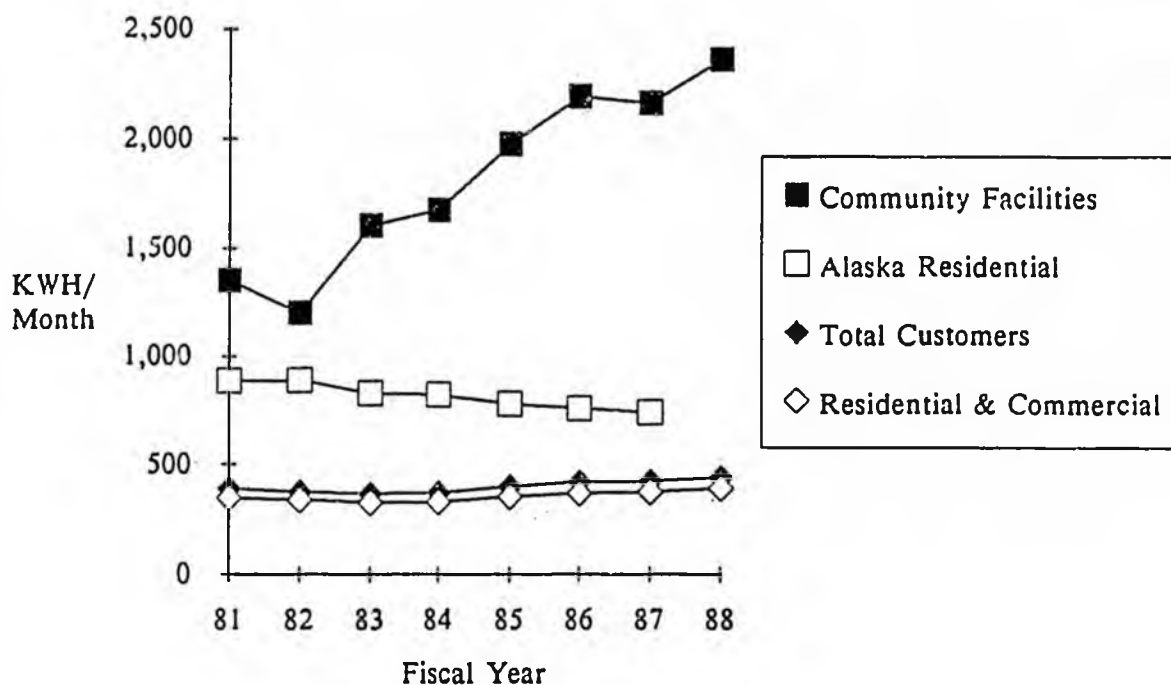
FIGURE #10



3. In Figure #11, the eligible KWH per month consumed by residential and commercial customers tends to decrease during the PPCA and PCA programs but increases under the more liberal PCE program. The decline appears to be due to a dilution effect by newer participants rather than an actual reduction in consumption per customer. Data in Appendix B indicates that the new participants were usually smaller utilities with lower KWH per month per customer usage than the larger utilities, most of which were early participants. For example, of the 18 utilities added to the PCA program in FY 82, 15 consumed fewer eligible KWH's per month for residential and commercial customers than the weighted average for all the utilities participating during FY 81. The PCE program was not as affected by this dilution since fewer new participants had less marginal effect.

FIGURE #11

CONSUMPTION PER CUSTOMER  
by Class



FOOTNOTES

- a. Residential and Community Facilities and Total Customers data is based on eligible KWH per month rather than actual consumption. Alaska Residential data is based on actual consumption.
- b. Alaska Residential is the statewide average as reported in Alaska Electric Power Statistics, 1960-1986, which is based on the calendar year. For comparison with PCE fiscal year data, this data was advanced by half a year (e.g. CY 80 data became FY 81 data).

4. Total eligible KWH's consumed per month per customer was fairly stable under the PCA program but increased under the PCE program. A more detailed look (Table X), shows a mix, during the PCA program, of positive and negative growth rates by individual utilities. These growth rates became mostly positive during the PCE program. It cannot be inferred, however, that this can be solely attributed to the PCE program. A number of factors, other than affordable electric rates, influence electric consumption, particularly with the utilities that participate in the PCE program. Many of their customers are still adjusting to having electricity available and have yet to reach a saturation level in their use of electrical appliances.

TABLE X

KWH CONSUMPTION TRENDS

Eligible KWH's Per Month Per Customer

UTILITY	FY81	FY82	FY83	FY84	FY85	FY86	FY87	FY88	GROWTH RATE
AVEC	210	231	254	268	283	305	323	331	6.2
Cordova	510	453	401	416	440	463	481	523	2.4
Egegik	130	242	218	237	286	311	317	346	6.1
Haines	505	444	413	426	454	475	467	538	3.3
Kotzebue	512	484	494	409	457	511	511	529	1.5
Manley	149	239	254	242	237	175	187	173	-5.2
McGrath	367	356	338	344	353	407	475	438	3.5
Naknek	379	394	361	355	399	413	414	470	3.0
Nome	531	456	407	445	468	481	494	502	1.6
Nushagak	443	426	407	415	416	423	444	464	1.4
Takotna	199	245	192	222	361	367	316	232	-0.9
THREA	367	374	445	480	549	561	566	524	5.8
Unalakleet	461	443	463	487	501	489	498	475	1.2

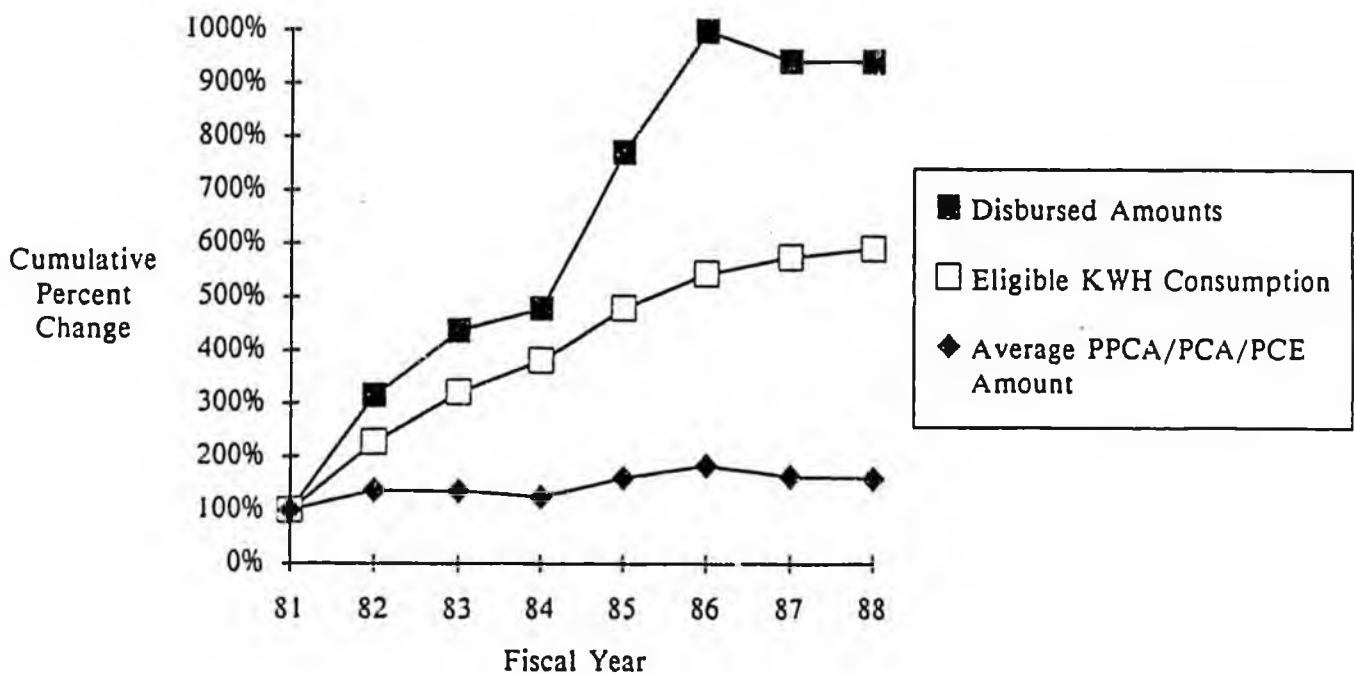
FOOTNOTES

- FY 82 was used as the first year in calculating growth rates since the PPCA program was in effect during only part of FY 81.
- This table includes all of the utilities reporting 12 months of data in FY 82 and still participating in FY 88.

5. Utilities serving smaller villages may currently have a greater marginal affect on program costs than utilities serving larger communities. The statistics indicate that utilities which serve smaller communities tend to have higher consumption growth rates as well as higher power rates and PCE amounts. For example, in FY 88, the PCE program paid an average of 25.8 cents per eligible KWH to AVEC (which serves 49 villages, all having populations of less than 800) but only 8.3 cents to Nome Joint Utilities (which serves a population of 3,666). From FY 82 through FY 88, the average annual growth rate for eligible KWH per month was 6.2% for AVEC and 1.6% for Nome Joint Utilities.
  
6. Total eligible KWH consumed appears to have a greater influence on program costs than the amount of assistance per KWH. Program costs are determined by disbursements to participating utilities and a small amount of funding for program administration. Under the PPCA, PCA and PCE programs, the disbursement to each utility has been determined by multiplying its eligible KWH consumed by its program amount as expressed in cents/KWH. Figure #12 illustrates that on a program basis, total eligible KWH more closely tracks the increase in disbursements than has program amount.

FIGURE #12

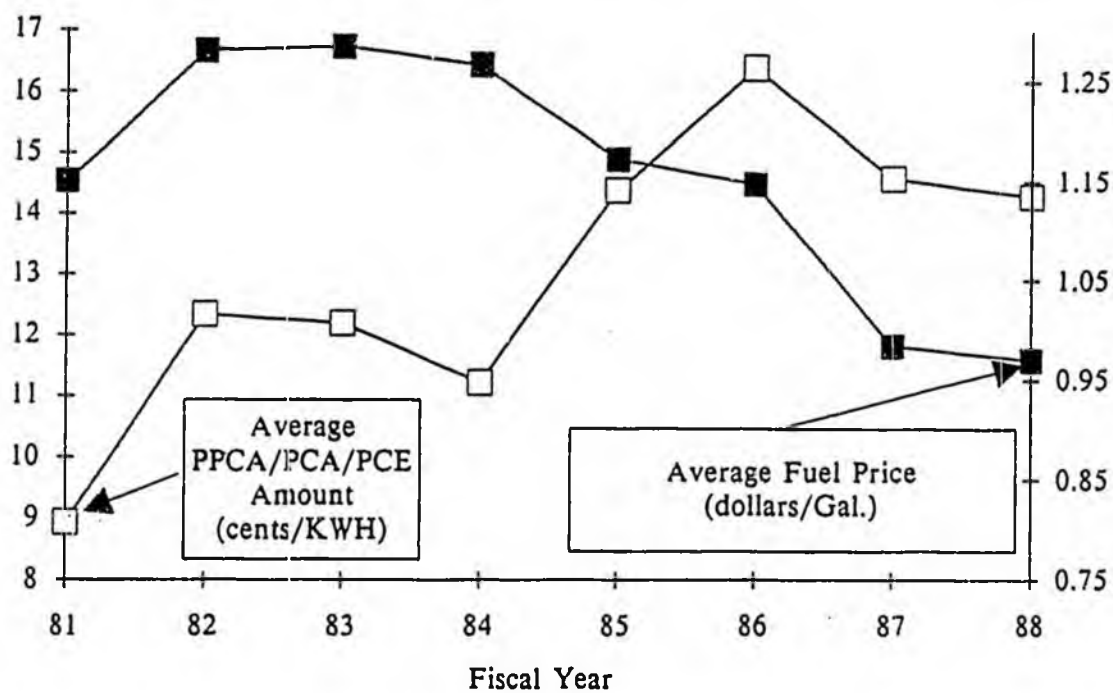
PROGRAM COST FACTORS



7. In most years, the average PPCA, PCA or PCE amount has changed with oil prices. The one exception is FY 85 and FY 86 when statutory program changes increased eligible costs. Then, the average PCE amount increased even though average fuel oil prices decreased, as shown in Figure #13.

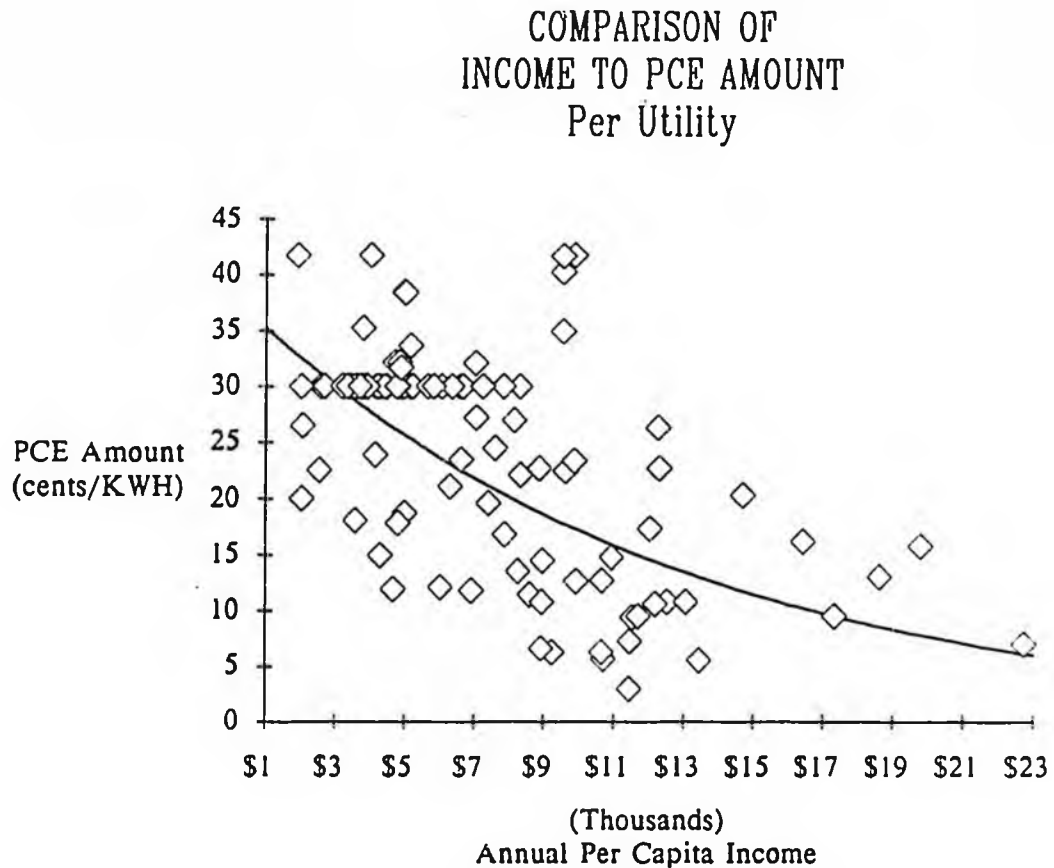
FIGURE #13

COMPARISON OF  
Fuel Price to PPCA/PCA/PCE Amount



8. Most of the utilities that have high PCE amounts serve communities that have low per capita income. Although PCE was not intended to be a needs based program, as illustrated by Table XI and Figure #14 which compare FY 86 PCE statistics to U.S. Census Bureau data on annual per capita income for 1985, there appears to be a correlation between a utility's PCE subsidy amount and the economic need for assistance by its consumers.

FIGURE #14



POWER COST EQUALIZATION  
ANNUAL STATISTICS COMPARED TO PER CAPITA INCOME  
FY 86

CENSUS AREA OR BOROUGH	UTILITY	PER CAPITA		RESID & DISBURSEMENTS		RESID & AVR PCE		
		INCOME 1985	POPUL- ATION	COMRCL CUST	\$ PER CUSTOMER	% OF INCOME ELIG KWH/M	COMRCL KWH/M	AMOUNT C/KWH
Aleutian Islands CA		13,897	8,000					
Aleutian Islands CA	Akutan Elec	8,956	189	33	536	6.0	330	14.5
Aleutian Islands CA	G & K, Inc (Cold Bay)	19,810	250	69	1,085	5.5	572	15.8
Aleutian Islands CA	King Cove, City of	9,242	540	153	369	4.0	416	6.3
Aleutian Islands CA	Sand Point Elec	22,729	876	370	323	1.4	332	7.1
Aleutian Islands CA	St. George Elec Utility	7,582	172	78	1,538	20.3	439	24.5
Aleutian Islands CA	St. Paul Mun Elec	7,859	595	137	1,613	20.5	676	16.8
Aleutian Islands CA	Unalaska Elec Utility	14,706	1,922	329	1,314	8.9	398	20.3
-----								
Bethel CA		6,925	12,100					
Bethel CA	Akiak City Council	3,581	265	63	774	21.6	342	18.1
Bethel CA	Aniak L & P	9,618	483	113	1,748	18.2	648	22.5
Bethel CA	Atmautluak Joint Utility	3,795	241	56	1,459	38.4	344	35.3
Bethel CA	AVEC Eek	4,911	259	78	758	15.4	197	30.1
Bethel CA	AVEC Goodnews Bay	6,570	234	70	799	12.2	217	30.1
Bethel CA	AVEC Lower Kalskag	2,566	271	65	896	34.9	208	30.1
Bethel CA	AVEC Mekoryuk	5,133	182	69	874	17.0	220	30.1
Bethel CA	AVEC Nunapitchuk	3,223	747	186	947	29.4	236	30.1
Bethel CA	AVEC Quinhagak	4,173	424	123	949	22.7	241	30.1
Bethel CA	AVEC Toksook Bay	3,717	368	99	1,050	28.2	277	30.1
Bethel CA	AVEC Tununak	4,297	335	86	873	20.3	222	30.1
Bethel CA	AVEC Upper Kalskag	4,476	133	49	1,042	23.3	281	30.1
Bethel CA	Bethel Utility Corp	11,460	3,681	1,659	344	3.0	392	7.3
Bethel CA	Chefornak Elec Co	4,978	270	64	688	13.8	297	18.7
Bethel CA	Kwethluk, Inc	4,151	507	128	1,054	25.4	377	23.9
Bethel CA	Mid Kusk Co-Op Chauthbaluk	1,905	130	36	870	45.7	167	41.8
Bethel CA	Napakia Ircinraq Power	4,968	324	81	1,109	22.3	247	38.5
Bethel CA	Napaskiak Inc	5,008	276	83	1,329	26.5	284	38.5
Bethel CA	Nightmute Power	4,307	145	35	580	13.5	334	15.0
Bethel CA	Tulkisarmute Inc (Tuluksak)	2,027	291	67	469	23.1	337	20.1
Bethel CA	Unqusrag Power Co (Newtok)	2,525	186	42	481	19.0	176	22.5
-----								
Bristol Bay B		18,618	1,200					
Bristol Bay B	Naknek Elec	18,618	1,275	640	649	3.5	403	13.1
-----								
Dillingham CA		8,599	5,500					
Dillingham CA	AVEC New Stuyahok	4,824	337	84	1,158	24.0	274	30.1
Dillingham CA	AVEC Togiak	4,958	554	138	1,334	26.9	324	30.1
Dillingham CA	Chignik Elec	12,032	124	50	749	6.2	359	17.4
Dillingham CA	INN Elec Co-Op (Ililamna)	7,029	499	207	1,420	20.2	317	32.2
Dillingham CA	Manokotak Natives Ltd	6,303	299	80	815	12.9	357	21.1
Dillingham CA	Nushagak Elec Co-Op	11,525	2,128	1,036	480	4.2	407	9.4
Dillingham CA	Port Heiden, City of	8,599	94	40	512	6.0	399	11.5
-----								
Haines B		11,173	1,700					
Haines B	Haines L & P	10,676	1,079	735	324	3.0	449	5.7
-----								
Kodiak Island B		12,146	13,800					
Kodiak Island B	Larsen Bay Utility	8,869	180	52	872	9.8	268	22.7

CENSUS AREA OR BOROUGH	UTILITY	PER CAPITA		RESID & COMRCL CUST	DISBURSEMENTS \$ PER CUSTOMER	% OF INCOME	RESID & COMRCL ELIG KWH/M	AVR PCE AMOUNT C/KWH
		INCOME 1985	POPUL- ATION					
Kodiak Island B	Ouzinkie, City of	10,934	233	74	499	4.6	231	14.8
Multi CA	Tlingit Haida REA	8,320	2,670	892	1,488	17.9	422	22.1
Nome CA		8,305	7,400					
Nome CA	AVEC Elim	4,817	248	75	1,084	22.5	259	30.1
Nome CA	AVEC Gambell	4,973	500	132	1,019	20.5	266	30.1
Nome CA	AVEC Koyuk	6,053	213	55	1,145	18.9	275	30.1
Nome CA	AVEC Savoonga	3,813	477	134	1,097	28.8	272	30.1
Nome CA	AVEC Shaktoolik	5,201	171	49	1,604	30.8	383	30.1
Nome CA	AVEC Shishmaref	5,658	412	131	1,255	22.2	282	30.1
Nome CA	AVEC Stebbins	3,392	339	88	962	28.4	214	30.1
Nome CA	AVEC St. Michael	4,218	283	78	1,192	28.3	293	30.1
Nome CA	AVEC Wales	3,450	136	47	1,082	31.4	211	30.1
Nome CA	Diomedes City Council	2,037	166	33	1,198	58.8	260	26.5
Nome CA	Golovin Power Utility	8,305	121	55	845	10.2	209	30.0
Nome CA	Nome Joint Utility	11,704	3,732	1,561	553	4.7	410	9.6
Nome CA	Teller Power	4,716	247	73	740	15.7	182	32.2
Nome CA	Unalakleet Valley Elec	6,919	787	247	693	10.0	427	11.8
Nome CA	White Mountain Utility	5,148	156	54	579	11.2	159	33.7
North Slope B		15,581	4,800					
North Slope B	NSB Anaktuvuk	6,032	232	83	642	10.6	438	12.1
North Slope B	NSB Atkasuk	10,648	216	59	790	7.4	509	12.7
North Slope B	NSB Kaktovik	12,519	208	65	635	5.1	490	10.8
North Slope B	NSB Nulqsut	9,911	309	108	660	6.7	428	12.6
North Slope B	NSB Pt. Hope	8,951	580	167	603	6.7	463	10.8
North Slope B	NSB Wainwright	13,050	514	136	547	4.2	414	10.8
Northwest Arctic B		8,128	5,500					
Northwest Arctic B	AVEC Ambler	7,817	275	87	1,278	16.4	281	30.1
Northwest Arctic B	AVEC Kiana	6,674	404	108	1,268	19.0	294	30.1
Northwest Arctic B	AVEC Kivalina	3,421	272	69	1,065	31.1	269	30.1
Northwest Arctic B	AVEC Noorvik	5,644	517	114	1,399	24.8	306	30.1
Northwest Arctic B	AVEC Selawik	3,859	637	151	1,025	26.6	233	30.1
Northwest Arctic B	AVEC Shungnak	6,361	238	76	1,254	19.7	316	30.1
Northwest Arctic B	Ipnatchiaq Co. (Deering)	4,794	158	43	935	19.5	408	17.8
Northwest Arctic B	Kobuk Valley Elec Co-Op	8,128	86	25	561	6.9	160	27.0
Northwest Arctic B	Kotzebue Elec Assoc	12,181	2,978	954	654	5.4	345	10.7
Prince of Wales CA		11,271	5,000					
Prince of Wales CA	AP&T Craig	10,622	907	529	293	2.8	359	6.3
Prince of Wales CA	AP&T Hydaburg	8,246	429	168	563	6.8	328	13.6
Prince of Wales CA	Thorne Bay Public Utility	16,429	393	175	831	5.1	359	16.2
Skagway-Yakutat-Angoon CA		9,224	3,500					
Skagway-Yakutat-Angoon CA	AP&T Skagway	13,436	790	493	253	1.9	337	5.6
Skagway-Yakutat-Angoon CA	Pelican Utility Co	11,441	213	117	151	1.3	422	3.0
Skagway-Yakutat-Angoon CA	Tenakee Springs Elec	7,041	152	84	612	8.7	163	27.3
Skagway-Yakutat-Angoon CA	Yakutat Power Inc	8,934	462	268	422	4.7	511	6.6

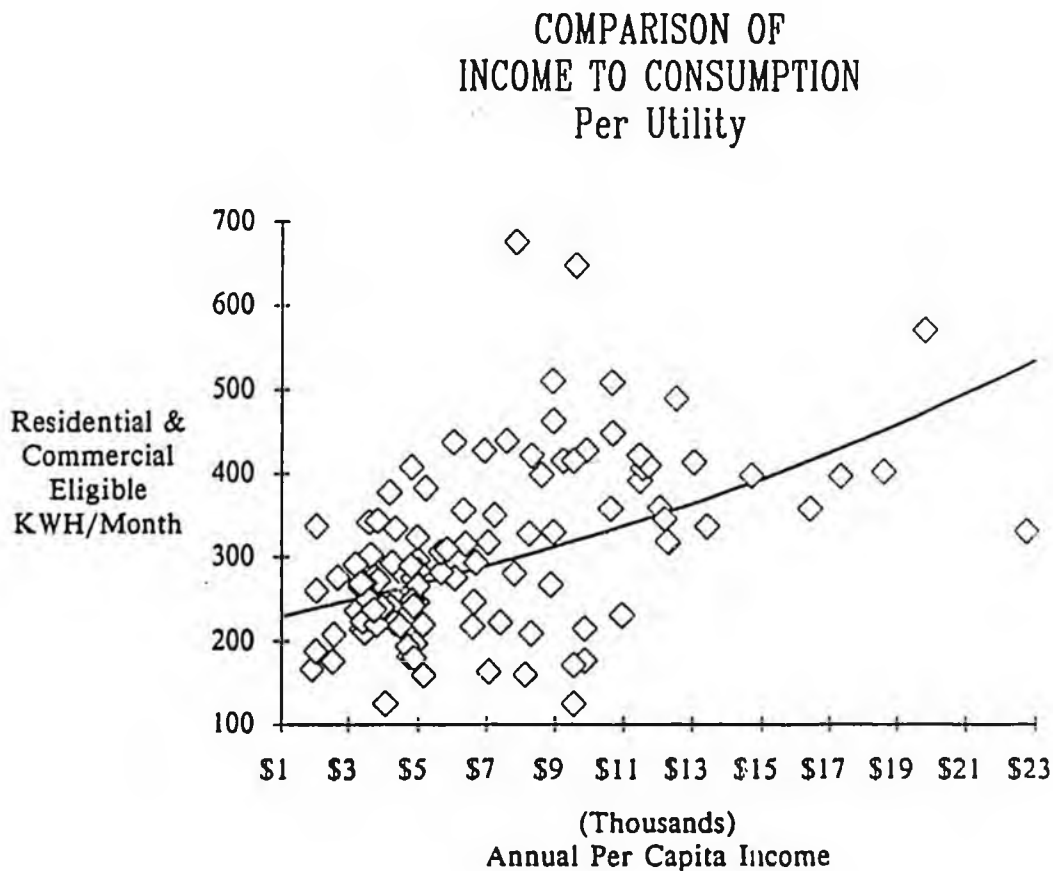
CENSUS AREA OR BOROUGH	UTILITY	PER CAPITA		RESID & COMRCL CUST	DISBURSEMENTS		RESID & COMRCL ELIG KWH/H	AVR PCE AMOUNT C/KWH
		INCOME 1985	POPUL- ATION		\$ PER CUSTOMER	% OF INCOME		
Southeast Fairbanks CA		9,028	6,600					
Southeast Fairbanks CA	Eagle Power Co	9,852	142	64	589	6.0	214	23.4
Southeast Fairbanks CA	Eagle Village	9,852	55	18	1,184	12.0	177	41.8
-----								
Valdez-Cordova CA		14,948	8,600					
Valdez-Cordova CA	Cordova Elec Co-Op	17,320	2,520	1,308	532	3.1	397	9.6
-----								
Wade Hampton CA		4,666	4,800					
Wade Hampton CA	Alaiianuk	3,399	539	114	1,003	29.5	224	30.1
Wade Hampton CA	Chevak	4,440	532	133	964	21.7	218	30.1
Wade Hampton CA	AVEC Emmonak	3,617	641	160	1,458	40.3	302	30.1
Wade Hampton CA	AVEC Hooper Bay	4,799	680	159	949	19.8	248	30.1
Wade Hampton CA	AVEC Mountain Village	5,824	666	184	1,361	23.4	310	30.1
Wade Hampton CA	AVEC Pilot Station	2,678	404	105	1,146	42.8	276	30.1
Wade Hampton CA	AVEC Russian Mission	2,006	175	56	293	14.6	188	30.1
Wade Hampton CA	AVEC Scammon Bay	4,769	297	72	1,051	22.0	290	30.1
Wade Hampton CA	AVEC St. Mary's	7,220	563	134	1,458	20.2	351	30.1
Wade Hampton CA	Kotlik	4,845	413	96	1,116	23.0	242	32.2
Wade Hampton CA	Sheldon Pt. City Council	4,666	138	21	230	4.9	193	11.9
-----								
Yukon-Koyukuk CA		9,544	6,100					
Yukon-Koyukuk CA	Allakaket Energy Systems	4,029	180	57	673	16.7	126	41.8
Yukon-Koyukuk CA	AVEC Anvik	3,774	114	45	788	20.9	219	30.1
Yukon-Koyukuk CA	AVEC Grayling	3,353	217	67	983	29.3	264	30.1
Yukon-Koyukuk CA	AVEC Holy Cross	3,198	266	72	1,221	38.2	291	30.1
Yukon-Koyukuk CA	AVEC Huslia	3,554	283	76	951	26.8	249	30.1
Yukon-Koyukuk CA	AVEC Kaltag	3,349	257	76	1,148	34.3	269	30.1
Yukon-Koyukuk CA	AVEC Nulato	3,932	382	104	1,049	26.7	240	30.1
Yukon-Koyukuk CA	AVEC Shageluk	3,702	149	37	1,054	28.5	237	30.1
Yukon-Koyukuk CA	Bettles L & P	9,544	94	51	1,744	18.3	416	35.0
Yukon-Koyukuk CA	Galena, City of	12,287	938	273	1,091	8.9	317	22.7
Yukon-Koyukuk CA	Gwitchyaa Zhee (Ft Yukon)	7,398	643	284	639	8.6	222	19.6
Yukon-Koyukuk CA	Hughes P & L	9,544	98	39	871	9.1	125	40.3
Yukon-Koyukuk CA	McGrath L & P	12,259	510	231	1,287	10.5	319	26.3
Yukon-Koyukuk CA	Nikolai L & P	9,544	118	39	1,428	15.0	171	41.7
Yukon-Koyukuk CA	Ruby Elec Co	4,873	233	118	1,112	22.8	180	31.7
Yukon-Koyukuk CA	Tanana Power Co	6,615	417	171	898	13.6	247	23.5
-----								
Other Areas of Interest								
United States		10,797	241,010,000					
State of Alaska		13,650	534,000					
Anchorage B.		15,517	235,000					
Fairbanks North Star B.		13,079	67,600					
Juneau B.		17,070	25,000					

FOOTNOTES

1. Per capita income and borough or census area population data is from "1986 Population and 1985 Per Capita Income Estimates for Counties and Incorporated Places: West" published by the U.S. Census Bureau.
2. The City of Clarks Point, having a per capita income of \$8,599, was excluded because of one month of PCE data.

9. Given the expense of electricity in rural Alaska, even with subsidization, it is not surprising that those communities that have low per capita income also tend to have low consumption per customer (see Figure #15). However, there is no correlation between per capita income and average annual disbursement per customer. This is because PCE amounts and consumption per customer tend to offset each other. Utilities that have high PCE amounts tend to have low consumption per customer, and vice versa.

FIGURE #15



10. Communities that have low per capita income usually have fewer customers. Figure #16 shows that all of the communities with a per capita income of less than \$7,000 have less than 200 residential and commercial customers. Accordingly, as illustrated by Figure #17, the ratio of average annual disbursement per customer to annual per capita income is highest with smaller utilities. (Disbursements to customers are not considered as income.) These statistics indicate that the significance of the PCE program, in terms of discretionary income, varies considerably, based on utility size. The smaller utilities, which tend to have low income/low consumption customers seem to be more vitally dependent on the PCE program than larger utilities that tend to have a greater percentage of high income/high consumption customers.

FIGURE #16

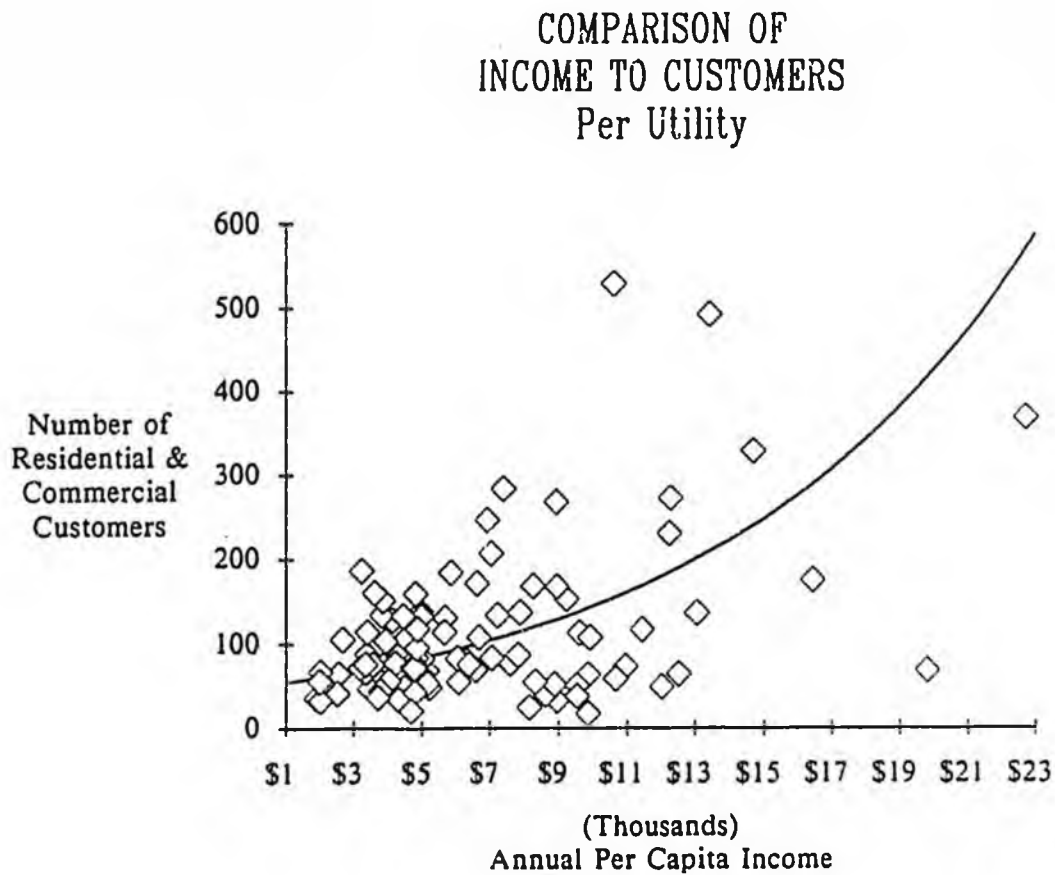
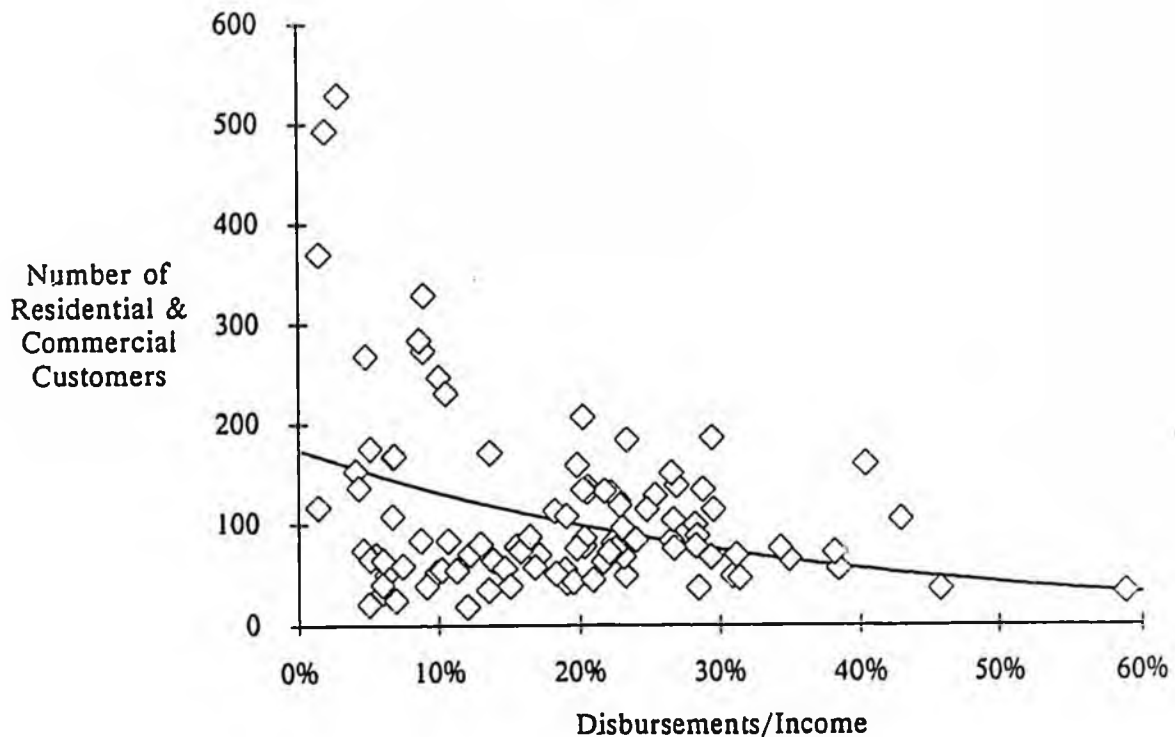


FIGURE #17

DISBURSEMENTS/INCOME



Footnote for Figure #16 and #17:

1. The following utilities have been excluded from these graphs because of the scale; Bethel, Naknek, Nushagak, Haines, THREA, Nome, Kotzebue, and Cordova.

The Appendices provide more detailed statistics. Appendix A includes two additional variations of the program statistics given in Table VIII. Appendix B gives annual statistics, for each participating utility. Appendix C is a condensed set of the statistics in Appendix B, but sorted first by utility and then by fiscal year.

APPENDICES

- A. PROGRAM STATISTICS REPORT
- B. ANNUAL STATISTICS REPORT, FY 81-87
- C. SUMMARY STATISTICS REPORT

APPENDICES

- A. PROGRAM STATISTICS REPORT
- B. ANNUAL STATISTICS REPORT, FY 81-87
- C. SUMMARY STATISTICS REPORT

APPENDIX A.

PROGRAM STATISTICS  
POWER COST ASSISTANCE/EQUALIZATION  
FY 81 - 88

	PPCA FY 81	PCA FY 82	PCA FY 83	PCA FY 84	PCA FY 85	PCE FY85	PCE FY 86	PCE FY 87	PCE FY 88
=====									
FUNDING									
Appropriations	\$2,657,600	\$9,300,000	\$8,300,000	\$8,300,000	\$2,800,000	\$16,300,000	\$21,700,000	\$13,840,299	\$13,067,900
Disbursements	\$2,183,168	\$6,419,408	\$8,327,152	\$8,740,820	\$1,989,431	\$11,811,437	\$17,785,390	\$16,771,338	\$16,787,586
Disbursements/Customer	\$180	\$359	\$421	\$385	\$100	\$537	\$766	\$686	\$686
PARTICIPATION									
# of Utilities	15	33	49	61	62	83	94	97	98
Communities Served	70	88	114	129	128	149	162	164	165
Population Served	NA	51,028	50,858	56,324	53,265	59,007	62,042	63,025	65,886
CUSTOMERS									
Residential & Commercial	11,405	17,029	18,957	21,702	18,998	20,967	22,175	23,372	23,401
Community Facilities	711	864	816	985	890	1,023	1,040	1,093	1,054
Total Customers	12,116	17,893	19,773	22,687	19,888	21,990	23,215	24,465	24,455
CONSUMPTION									
Total MWH Generated	124,496	215,511	232,646	249,293	48,599	150,638	211,553	227,909	251,540
Total MWH Sold	109,033	NA	NA	NA	NA	160,804	225,414	242,621	256,653
Elig. MWH Resid. & Comrcl.	30,676	60,862	70,975	81,067	16,756	64,591	91,788	97,578	101,095
Elig. KWH/Month, Resid. & Comrcl	401	369	347	345	317	374	371	376	396
Elig. MWH Comm. Facil.	9,815	13,675	13,918	15,454	2,848	11,358	16,551	17,014	16,685
Elig. KWH/Month, Comm. Facil.	3,195	2,658	2,756	1,951	2,225	2,181	2,196	2,166	2,366
Total Elig. MWH	40,491	74,537	84,893	96,520	19,603	75,950	108,339	114,592	117,779
Elig. KWH/Month, Total Cust.	482	435	403	375	356	422	421	424	445
COSTS									
Average Fuel Price (gal.)	\$1.054	\$1.180	\$1.209	\$1.170	\$1.209	\$1.158	\$1.147	\$0.984	\$0.970
Fuel Consumed (gal.)	NA	NA	NA	NA	NA	14,861,722	20,994,795	20,155,802	22,860,328
Total Fuel Costs	NA	NA	NA	NA	NA	\$18,706,253	\$23,284,918	\$18,930,252	\$21,638,546
Total Operating Costs	NA	NA	NA	NA	NA	\$20,179,674	\$31,707,920	\$29,053,402	\$32,003,859
EFFICIENCY RATIOS									
Fuel Efficiency (KWH Sold/Gal.)	NA	NA	NA	NA	NA	10.6	10.7	11.0	11.2
Operating Costs/KWH Sold	NA	NA	NA	NA	NA	\$0.154	\$0.140	\$0.122	\$0.132
RATES									
Avr. PCA/PCE Amount (\$/KWH)	\$0.054	\$0.086	\$0.098	\$0.091	\$0.101	\$0.156	\$0.164	\$0.146	\$0.143

FOOTNOTES

1. KWH Generated is less than KWH Sold because some utilities have not reported generation data.
2. Average Fuel Cost calculations are weighted according to the KWH Generated of each utility. KWH Sold was used when KWH Generated was not reported.
3. KWH/ Month calculations are weighted according to the amount of Elig KWH per utility.
4. For FY 81-82, Community Facilities data includes data for Charitable Organizations.
5. In FY 85, the PCE program supplanted the PCA program on October 20, 1984.
6. FY 88 data is current as of October 24, 1988. As of this date, there is approximately \$700,000 of estimated accounts payable. The statistical data base will be updated after payments are made.

PROGRAM STATISTICS  
POWER COST ASSISTANCE/EQUALIZATION  
FY 81 - 88  
(WITHOUT CVEA and KEA)

	PPCA FY 81	PCA FY 82	PCA FY 83	PCA FY 84	PCA FY 85	PCE FY85	PCE FY 86	PCE FY 87	PCE FY 88
=====									
FUNDING									
Appropriations	\$2,657,600	\$9,300,000	\$8,300,000	\$8,300,000	\$2,800,000	\$16,300,000	\$21,700,000	\$13,840,299	\$15,067,900
Disbursements	\$1,781,104	\$5,606,201	\$7,795,705	\$8,531,713	\$1,959,012	\$11,811,437	\$17,785,390	\$16,771,338	\$16,787,586
Disbursements/Customer	\$235	\$442	\$476	\$385	\$99	\$537	\$766	\$686	\$686
PARTICIPATION									
# of Utilities	13	31	48	61	61	83	94	97	98
Communities Served	66	84	112	127	127	149	162	164	165
Population Served	NA	40,488	45,969	51,435	53,054	59,007	62,042	63,025	65,886
CUSTOMERS									
Residential & Commercial	6,982	11,930	15,579	18,057	18,884	20,967	22,175	23,372	23,401
Community Facilities	603	757	739	890	874	1,023	1,040	1,093	1,054
Total Customers	7,585	12,687	16,318	18,946	19,758	21,990	23,215	24,465	24,455
CONSUMPTION									
Total MWH Generated	49,389	122,743	169,244	183,968	48,441	150,638	211,553	227,909	251,540
Total MWH Sold	50,809	NA	NA	NA	NA	160,804	225,414	242,621	256,653
Elig. MWH Resid. & Comrc.	15,396	37,730	54,445	63,729	16,662	64,591	91,788	97,578	101,095
Elig. KWH/Month, Resid. & Comrc.	350	341	329	330	317	374	371	376	396
Elig. MWH Comm. Facil.	4,524	7,717	9,487	12,305	2,741	11,358	16,551	17,014	16,685
Elig. KWH/Month, Comm. Facil.	1,354	1,204	1,605	1,679	2,308	2,181	2,196	2,166	2,366
Total Elig. MWH	19,916	45,450	63,931	76,031	19,403	75,950	108,339	114,592	117,779
Elig. KWH/Month, Total Cust.	393	376	369	375	356	422	421	424	445
COSTS									
Average Fuel Price (per gallon)	\$1.150	\$1.279	\$1.283	\$1.265	\$1.208	\$1.158	\$1.147	\$0.984	\$0.970
Fuel Consumed (gallons)	NA	NA	NA	NA	NA	14,861,722	20,994,795	20,155,802	22,860,328
Total Fuel Costs	NA	NA	NA	NA	NA	\$18,706,253	\$23,284,918	\$18,930,252	\$21,638,546
Total Operating Costs	NA	NA	NA	NA	NA	\$20,179,674	\$31,707,920	\$29,053,402	\$32,003,859
EFFICIENCY RATIOS									
Fuel Efficiency (KWH Sold/Gal.)	NA	NA	NA	NA	NA	10.6	10.7	11.0	11.2
Operating Costs/KWH Sold	NA	NA	NA	NA	NA	\$0.154	\$0.140	\$0.122	\$0.132
RATES									
Avr. PCA/PCE Amount (\$/KWH)	\$0.089	\$0.123	\$0.122	\$0.112	\$0.101	\$0.156	\$0.164	\$0.146	\$0.143

FOOTNOTES

1. Copper Valley Electric Assoc. was not eligible to participate in the PCA after FY 82.
2. Kodiak Electric Assoc was not eligible to participate in the PCE program.

## APPENDIX B

### ANNUAL STATISTICS REPORT

FY 81 - 87

Appendix B provides annual statistics for each utility that participated in the Power Production Cost Assistance program (FY 81), the Power Cost Assistance program (FY 82 - 85), and the Power Cost Equalization program (FY 85 - 87). Annual statistics for FY 88 are given in the main body of this report.

All of the data in the Annual Statistics Report is derived from the Monthly PCE Statistics Report which is compiled by the Alaska Power Authority. The Monthly PCE Statistics Report is based on monthly reports that are submitted to the Alaska Power Authority by each utility that participates in the program. Although Alaska Power Authority staff reviews the reports for calculation errors, the accuracy of these reports is the responsibility of each respective utility.

Numerous abbreviations are used with each Annual Statistics Report. Following is a legend which offers explanation.

ANN - Annual	DISBUR - Disbursements
AVR - Average	FACIL - Facility
CHAR ORG - Charitable Organization	GAL - Gallon
COMM - Community	M - Month
COMRCL - Commercial	OP - Operating
CUST - Customer	RESID - Residential

The tables use a blank (-) when data for a cell is not available and a zero (0) when that is the actual value.

The data for each table is divided by a vertical dotted line into two sections. The section to the left is data taken directly from the Monthly PCE Statistics Report. The data to the right is a calculation based on the submitted data.

Following are the Lotus formulas that were used for making the calculations.

#### AVR FUEL \$/GAL

##### 1. TOTAL

- a. The total was calculated by dividing the sum by the number of entries in the column.

##### 2. WEIGHTED AVERAGE

- a.  $(\text{KWH GENERATED} / \text{TOTAL KWH GENERATED}) * (\text{AVR FUEL } \$/\text{GAL}) =$   
Proportionate Fuel Price
- b. If a utility did not provide KWH GENERATED data, then KWH SOLD or TOTAL ELIGIBLE KWH data was used as a substitute, providing that AVR FUEL \$/GAL was available.
- c. Sum the Proportionate Fuel Prices.

#### ELIGIBLE KWH/M

These formulas were applied to each class of customer (e.g. RESID & COMRCL).

##### 1. UTILITY

- a. ELIGIBLE KWH/# OF CUSTOMERS/M OF DATA

##### 2. TOTAL

- a. Divide the sum by the number of entries for the column, not including cells having a 0 value.

##### 3. WEIGHTED AVERAGE

- a.  $(\text{ELIGIBLE KWH} / \text{TOTAL ELIGIBLE KWH}) * (\text{ELIGIBLE KWH} / \# \text{ OF CUSTOMERS} / \text{M OF DATA}) =$  Proportionate KWH's.
- b. Sum Proportionate KWH's for each class of customer.

AVR ANN DISBUR/CUST \$

1. UTILITY

- a. TOTAL DISBURSEMENTS (\$)/ # OF CUSTOMERS.
- b. # OF CUSTOMERS = RESIDE & COMRCL + COMM FACIL + others.

2. TOTAL

- a. Same formula as 1.

KWH SOLD/GAL FUEL

1. UTILITY

- a. KWH SOLD/FUEL CONSUMED GAL
- b. If a utility did not provide KWH SOLD, then KWH GENERATED or TOTAL ELIGIBLE KWH data was used as a substitute providing that FUEL CONSUMED GAL data was available.
- c. KWH GENERATED was not used as the numerator since many utilities did not report this information.

2. TOTAL

- a. The TOTAL was calculated with the same formula but by subtracting out KWH SOLD for utilities that did not report FUEL CONSUMED GAL or vice versa.

OP COSTS/KWH

1. UTILITY

a. OPERATING COSTS (\$)/KWH SOLD

b. If a utility did not provide KWH SOLD, then KWH GENERATED or TOTAL ELIGIBLE KWH data was used as a substitute providing that OPERATING COSTS (\$) data was available.

2. TOTAL

a. The TOTAL was calculated with the same formula but by subtracting out KWH SOLD for utilities that did not report OPERATING COSTS (\$) or vice versa.

AVR PCE AMOUNT C/KWH

1. UTILITY

a. TOTAL DISBURSEMENTS (\$)/TOTAL ELIGIBLE KWH

2. TOTAL

a. Same formula as 1.

POWER COST EQUALIZATION  
ANNUAL STATISTICS  
FY 87

UTILITY	COMM # OF CUSTOMERS				KWH GENERATED	KWH SOLD	ELIGIBLE KWH		
	M OF DATA	POPUL- ATION	RESID COMRCL	COMM FACIL			RESID & COMRCL	COMM FACIL	TOTAL
Akiachak Ltd	11	416	112	1	475,777	475,777	322,432	14,477	336,909
Akiak City Council	8	277	70	3	247,627	244,926	162,968	84,659	247,627
Akutan Elec	12	189	32	5	245,950	160,263	111,493	32,567	144,060
Alaska Power & Telephone									
Craig	12	907	589	9	5,256,540	4,894,802	2,596,110	195,046	2,791,156
Hydaburg	12	429	173	2	1,281,710	1,139,295	696,548	26,371	722,919
Skagway	12	790	496	11	5,993,800	5,440,685	2,141,921	299,822	2,441,743
Tok	12	1,181	567	1	8,689,620	7,045,641	2,430,892	19,463	2,450,355
Alaska Village Elec Co-Op					34,290,903	31,062,694			
Alakanuk	12	562	121	7	"	"	336,228	115,231	451,459
Anbler	12	275	83	13	"	"	329,483	127,676	457,159
Anvik	12	114	46	3	"	"	117,303	22,629	139,932
Chevak	12	532	136	15	"	"	378,659	139,410	518,069
Eek	12	259	78	6	"	"	192,589	30,745	223,334
Elim	12	248	76	5	"	"	248,947	87,699	336,646
Emmonak	12	641	174	9	"	"	627,588	350,308	977,896
Gambell	12	500	137	10	"	"	470,277	58,287	528,564
Goodnews Bay	12	235	69	3	"	"	195,001	26,250	221,251
Grayling	12	216	71	6	"	"	248,402	29,825	278,227
Holy Cross	12	261	89	8	"	"	336,577	91,384	427,961
Hooper Bay	12	680	182	13	"	"	522,947	87,507	610,454
Huslia	12	279	77	10	"	"	228,107	40,865	268,972
Kaltag	12	260	74	6	"	"	238,097	61,726	299,823
Kiana	12	404	109	12	"	"	361,626	142,363	503,989
Kivalina	12	272	68	8	"	"	230,827	40,418	271,245
Koyuk	12	211	56	8	"	"	199,131	62,411	261,542
Lower Kalskag	12	273	69	5	"	"	168,169	40,589	208,758
Marshall	12	273	77	8	"	"	273,677	73,166	346,843
Mekoryuk	12	177	69	8	"	"	199,025	38,308	237,333
Minto	12	152	85	5	"	"	282,396	93,842	376,238
Mountain Village	12	666	192	13	"	"	748,155	213,206	961,361
New Stuyahok	12	337	81	7	"	"	307,440	69,496	376,936
Noatak	12	273	86	6	"	"	299,828	120,751	420,579
Noorvik	12	517	118	6	"	"	437,091	171,991	609,082
Nulato	12	382	105	12	"	"	304,892	118,301	423,193
Nunapitchuk	12	751	193	12	"	"	577,763	62,571	640,334
Old Harbor	12	370	115	10	"	"	346,385	111,695	458,080
Pilot Station	12	406	108	11	"	"	385,706	102,415	488,121
Pitkas Point	12	88	27	2	"	"	94,088	24,370	118,458
Quinhagak	12	428	128	5	"	"	376,290	56,023	432,313
Russian Mission	12	184	59	4	"	"	146,017	26,499	172,516
Savoonga	12	477	139	9	"	"	460,649	60,593	521,242
Scammon Bay	12	298	94	7	"	"	323,034	40,285	363,319
Selawik	12	629	153	11	"	"	449,702	122,942	572,644
Shageluk	12	148	35	5	"	"	100,842	48,626	149,468

AVR. FUEL \$/GAL	FUEL CONSUMED GAL	FUEL COST (\$)	OPERATING COSTS (\$)	TOTAL DISBURSE- MENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST \$	KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR PCE AMOUNT C/KWH
					RESID COMRCL	COMM FACIL	TOTAL				
1.342	49,826	62,702	269,862	81,074	262	1,316	271	717	9.5	0.697	24.1
1.390	43,000	58,770	27,048	44,746	291	3,527	424	613	5.7	0.110	18.1
0.819	31,435	25,856	28,517	20,889	290	543	324	565	5.1	0.178	14.5
0.688	366,111	265,600	263,300	109,377	367	1,806	389	183	13.4	0.054	3.9
0.612	95,907	58,900	79,800	54,102	336	1,099	344	309	11.9	0.070	7.5
0.830	234,120	193,600	271,200	95,045	360	2,271	401	187	23.2	0.050	3.9
0.682	640,947	448,800	417,200	111,847	357	1,622	360	197	11.0	0.059	4.6
1.015	3,193,299	3,050,300	7,166,357						9.7	0.231	26.7
"	"	"	"	117,862	232	1,372	294	921	"	"	"
"	"	"	"	122,154	331	818	397	1,272	"	"	"
"	"	"	"	37,674	213	629	238	769	"	"	"
"	"	"	"	140,011	232	775	286	927	"	"	"
"	"	"	"	60,652	206	427	222	722	"	"	"
"	"	"	"	87,871	273	1,462	346	1,085	"	"	"
"	"	"	"	247,075	301	3,244	445	1,350	"	"	"
"	"	"	"	142,907	286	486	300	972	"	"	"
"	"	"	"	60,117	236	729	256	835	"	"	"
"	"	"	"	75,521	292	414	301	981	"	"	"
"	"	"	"	114,110	315	952	368	1,176	"	"	"
"	"	"	"	164,743	239	561	261	845	"	"	"
"	"	"	"	73,066	247	341	258	840	"	"	"
"	"	"	"	79,416	268	857	312	993	"	"	"
"	"	"	"	133,687	276	989	347	1,105	"	"	"
"	"	"	"	73,662	283	421	297	969	"	"	"
"	"	"	"	70,997	296	650	341	1,109	"	"	"
"	"	"	"	55,484	203	676	235	750	"	"	"
"	"	"	"	93,896	296	762	340	1,105	"	"	"
"	"	"	"	64,435	240	399	257	837	"	"	"
"	"	"	"	100,226	277	1,564	348	1,114	"	"	"
"	"	"	"	255,087	325	1,367	391	1,244	"	"	"
"	"	"	"	101,830	316	827	357	1,157	"	"	"
"	"	"	"	109,632	291	1,677	381	1,192	"	"	"
"	"	"	"	157,067	309	2,389	409	1,267	"	"	"
"	"	"	"	111,854	242	822	301	956	"	"	"
"	"	"	"	173,876	249	435	260	848	"	"	"
"	"	"	"	121,178	251	931	305	969	"	"	"
"	"	"	"	131,258	298	776	342	1,103	"	"	"
"	"	"	"	31,850	290	1,015	340	1,098	"	"	"
"	"	"	"	115,809	245	934	271	871	"	"	"
"	"	"	"	46,872	206	552	228	744	"	"	"
"	"	"	"	141,532	276	561	293	956	"	"	"
"	"	"	"	98,612	286	480	300	976	"	"	"
"	"	"	"	152,263	245	931	291	928	"	"	"
"	"	"	"	40,631	240	810	311	1,016	"	"	"

ANNUAL STATISTICS FY 87

UTILITY	COMM # OF CUSTOMERS				KWH GENERATED	KWH SOLD	ELIGIBLE KWH		
	M OF DATA	POPULATION	RESID COMRCL	COMM FACIL			RESID & COMRCL	COMM FACIL	TOTAL
Shaktoolik	12	170	48	5	"	"	240,278	70,782	311,060
Shishmaref	12	412	132	8	"	"	474,269	121,738	596,007
Shungnak	12	229	69	9	"	"	305,375	84,488	389,863
St. Mary's	12	563	139	11	"	"	553,420	219,074	772,494
St. Michael	12	286	75	6	"	"	267,907	55,596	323,503
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Stebbins	12	342	86	11	"	"	218,429	74,326	292,755
Togiak	12	554	148	9	"	"	577,885	143,039	720,924
Toksook Bay	12	368	101	6	"	"	368,125	38,711	406,836
Tununak	12	336	87	10	"	"	238,552	56,541	295,093
Upper Kalskag	12	135	48	1	"	"	165,490	6,125	171,615
Wales	12	138	47	8	"	"	131,495	66,433	197,928
Allakaket Energy Systems	8	185	61	7	93,700	81,621	67,411	14,210	81,621
Alutiq Power Co (Karluk)	12	85	24	3	194,546	126,262	79,972	4,394	84,366
Andreanof Elec (Atka)	12	89	32	6	192,366	192,139	115,431	39,960	155,391
Aniak L & P	12	483	206	0	1,770,590	1,638,199	918,971	0	918,971
-----									
Arctic Village Elec	12	150	55	5	205,320	189,675	71,059	59,436	130,495
Atmoutluak Joint Utility	12	240	55	1	492,484	442,954	244,179	4,360	248,539
Bethel Utility Corp	12	3,681	1,694	0	-	25,687,234	8,264,649	0	8,264,649
Bettles L & P	12	94	50	0	961,800	849,100	264,660	0	264,660
Birch Creek Village	8	50	17	4	90,075	76,806	31,808	16,635	48,443
Brevig Mission Utility	9	159	38	7	-	64,810	38,307	22,257	60,564
Chefornak Elec Co	12	270	72	3	363,535	363,535	266,129	16,880	283,009
Chenega Bay IRA Vil Coun	12	75	21	2	113,374	104,934	53,766	2,166	55,932
Chignik Elec	12	124	63	7	370,745	369,321	230,120	26,205	256,325
Chitina Elec Inc	12	42	31	3	140,433	134,632	118,699	14,125	132,824
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Circle Elec Utility	12	70	20	3	85,753	204,716	89,427	9,870	99,297
Clarks Pt., City of	1	88	28	4	8,928	8,546	7,042	1,304	8,346
Coffman Cove Utility Assoc	8	175	60	3	146,590	391,451	255,121	35,725	290,846
Cordova Elec Co-Op	12	2,520	1,326	51	19,191,094	18,278,320	6,262,931	1,687,895	7,950,826
Diomedes City Council	8	178	43	2	286,396	225,388	99,150	7,459	106,609
Eagle Power Co	12	142	90	3	407,520	361,873	212,456	5,149	217,605
Eagle Village	11	55	21	3	34,281	49,702	32,632	18,590	51,222
Egegik L & P	12	104	70	4	-	454,680	254,428	26,758	281,186
Ekwok, City of	10	107	37	5	76,197	81,824	62,376	22,160	84,536
Elfin Cove Elec Utility	12	58	31	2	117,400	111,397	91,987	21,058	113,045
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False Pass Elec Assoc	7	72	29	3	-	117,343	60,668	2,829	63,497
Far North Utility (Central)	12	44	43	1	-	225,142	147,156	3,478	150,634
G & K, Inc (Cold Bay)	12	250	68	0	3,430,800	2,936,708	483,144	0	483,144
Galena, City of	12	984	306	12	2,298,000	2,298,000	1,192,615	402,187	1,594,802
Golovin Power Utility	12	121	52	6	216,770	216,770	139,290	40,719	180,009
Gustavus Elec Co	12	151	141	1	572,709	484,066	377,454	14,789	392,243
Gwitchyaa Zhee (Ft Yukon)	12	643	285	9	2,450,300	1,865,210	753,781	266,405	1,020,186
Haines L & P	12	1,079	752	8	8,824,800	8,104,850	4,018,291	237,658	4,255,949
Hughes P & L	12	98	36	3	116,668	116,668	64,461	23,308	87,769
Iglugig Vil Council	12	33	21	3	3,930	76,059	47,517	17,625	65,142

ANNUAL STATISTICS FY 87

AVR. FUEL \$/GAL	FUEL CONSUMED GAL	FUEL COST (\$)	OPERATING COSTS (\$)	TOTAL DISBURSE- MENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST \$	KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR PCE AMOUNT C/KWH
					RESID COMRCL	COMM FACIL	TOTAL				
"	"	"	"	83,844	417	1,180	489	1,582	"	"	"
"	"	"	"	160,149	299	1,268	355	1,144	"	"	"
"	"	"	"	104,037	369	782	417	1,334	"	"	"
"	"	"	"	201,165	332	1,660	429	1,341	"	"	"
"	"	"	"	87,963	298	772	333	1,086	"	"	"
-----											
"	"	"	"	79,438	212	563	252	819	"	"	"
"	"	"	"	192,216	325	1,324	383	1,224	"	"	"
"	"	"	"	110,316	304	538	317	1,031	"	"	"
"	"	"	"	79,488	228	471	254	819	"	"	"
"	"	"	"	46,619	287	510	292	951	"	"	"
"	"	"	"	53,647	233	692	300	975	"	"	"
1.614	12,500	19,799	12,004	32,054	138	254	150	471	6.5	0.147	39.3
1.640	15,515	25,637	32,004	7,549	278	122	260	280	8.1	0.253	8.9
1.080	27,675	29,240	10,240	21,272	301	555	341	560	6.9	0.053	13.7
1.139	160,528	210,372	310,000	217,745	372	0	372	1,057	10.2	0.189	23.7
-----											
1.583	25,505	40,264	18,350	28,004	108	991	181	467	7.4	0.097	21.5
1.232	43,304	53,397	118,386	65,589	370	363	370	1,171	10.2	0.302	26.4
1.052	507,500	525,752	1,800,000	521,730	407	0	407	308	11.9	0.070	6.3
1.465	86,357	101,476	-	87,163	441	0	441	1,743	9.8	-	32.9
1.383	10,506	14,135	13,594	17,682	234	520	288	842	6.8	0.177	36.5
-	-	-	32,444	12,830	112	353	150	285	-	0.534	21.2
1.129	47,921	54,186	44,265	58,271	308	469	314	777	7.6	0.122	20.6
1.275	22,717	28,966	6,860	15,397	213	542	203	669	4.6	0.065	27.5
0.802	41,131	33,185	61,616	41,602	304	312	305	594	9.0	0.167	16.2
0.748	20,279	15,372	50,098	35,440	319	392	326	1,042	6.6	0.404	26.7
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0.704	30,080	21,739	-	31,527	373	274	360	1,371	6.8	-	31.8
0.956	820	784	-	1,309	252	326	261	41	10.4	-	15.7
0.879	38,693	35,638	26,919	32,474	532	1,489	577	515	10.1	0.069	11.2
0.609	1,448,287	974,000	517,360	547,121	394	2,758	481	397	12.6	0.028	6.9
1.060	18,712	20,209	42,423	23,207	288	466	296	516	11.0	0.222	21.8
0.812	38,475	31,123	65,008	57,747	197	143	195	621	9.4	0.180	26.5
1.173	19,457	22,703	15,672	21,411	141	563	194	892	2.6	0.315	41.8
1.136	46,235	52,066	68,508	103,064	303	557	317	1,393	9.8	0.151	36.7
1.723	-	5,490	19,177	12,697	169	443	201	302	-	0.256	15.0
0.825	13,412	11,005	15,629	21,908	247	877	285	664	8.3	0.140	19.4
-----											
0.499	18,342	9,153	15,764	11,570	299	135	283	362	6.4	0.134	18.2
0.710	26,407	18,749	88,642	43,829	285	290	285	996	8.5	0.394	29.1
0.893	268,954	235,074	384,796	70,096	592	0	592	1,031	10.9	0.131	14.5
1.090	215,178	232,731	311,601	249,046	325	2,793	418	783	10.7	0.136	15.6
1.089	41,171	44,775	70,010	48,872	223	566	259	843	5.3	0.323	27.2
1.223	70,250	85,442	80,277	151,014	223	1,232	230	1,063	6.9	0.285	38.5
1.349	194,373	273,092	253,020	191,996	220	2,467	289	653	9.6	0.136	18.8
1.014	717,184	515,230	484,402	161,100	445	2,476	467	212	11.3	0.060	3.8
1.604	19,170	45,519	17,312	26,506	149	647	188	680	6.1	0.148	30.2
1.280	11,428	14,916	45,667	24,140	189	490	226	1,006	6.7	0.600	37.1

## ANNUAL STATISTICS FY 87

UTILITY	COMM # OF CUSTOMERS		# OF CUSTOMERS		KWH GENERATED	KWH SOLD	ELIGIBLE KWH		
	M OF POPUL- DATA	ATION	RESID COMRCL	COMM FACIL			RESID & COMRCL	COMM FACIL	TOTAL
Ipnatchiaq Co. (Deering)	12	158	47	4	413,784	413,784	227,533	55,599	283,132
INW Elec Co-Op (Iliamna)	12	499	214	15	1,852,500	1,613,038	826,440	161,433	987,873
King Cove, City of	12	551	176	10	1,854,720	1,487,227	826,349	207,475	1,033,824
Kobuk Valley Elec Co-Op	8	86	25	17	0	66,826	37,151	24,936	62,087
Kokhanok Vil Council	12	130	30	3	0	94,432	71,663	22,769	94,432
Koliganek Vil Council	12	154	50	2	0	117,133	115,619	1,514	117,133
Kotlik	11	417	111	7	481,809	453,572	299,951	81,097	381,048
Kotzebue Elec Assoc	12	3,130	970	33	16,257,600	13,282,765	5,050,553	1,094,258	6,144,811
Kwethluk, Inc	5	507	140	0	302,186	302,186	154,271	0	154,271
Kwig Power Co	12	354	69	8	377,568	298,719	238,890	18,524	257,414
-----									
Larsen Bay Utility	12	180	53	7	56,715	295,735	173,110	58,692	231,802
Levelock Elec Co-Op	12	110	57	3	-	283,917	186,902	28,589	215,491
Manley Utility Co	12	83	77	1	256,467	256,467	171,863	3,334	175,197
Manokotak Natives Ltd	9	299	89	3	466,921	466,921	282,946	36,050	318,996
McGrath L & P	12	510	202	6	3,008,800	2,678,285	927,639	257,834	1,185,473
Middle Kuskokwim Co-Op									
Chauthbaluk	12	130	35	4	184,583	184,459	81,587	10,111	91,698
Crooked Creek	12	114	44	4	158,685	158,614	91,260	16,237	107,497
Red Devil	12	44	10	0	85,935	85,870	55,963	0	55,963
Sleetmute	12	86	34	4	117,463	117,373	63,031	13,022	76,053
-----									
Stony River	12	70	24	2	96,079	96,001	52,259	2,205	54,464
Naknek Elec	12	1,275	699	4	16,558,320	14,433,140	3,390,480	100,376	3,490,856
Napakiaq Ircinraq Power	12	323	91	8	0	391,205	269,418	19,934	289,352
Napaskiak Inc	9	297	87	6	-	271,473	205,125	15,210	220,335
Nelson Lagoon Elec	12	59	26	2	269,061	265,676	169,012	8,781	177,793
Nightmute Power	5	145	34	3	29,395	43,884	56,307	2,911	59,218
Nikolai L & P	12	120	39	5	237,672	237,672	89,126	67,724	156,850
Nome Joint Utility	12	3,582	1,586	45	22,424,338	20,396,265	7,838,336	1,822,880	9,661,216
North Slope Borough	12				11,878,443	8,335,199			
Anaktuvuk	12	232	102	1	"	"	490,714	6,860	497,574
-----									
Atkasuk	12	241	65	1	"	"	388,691	34,083	422,774
Kaktovik	12	208	80	2	"	"	405,070	11,000	416,070
Nuiqsut	12	309	117	1	"	"	502,234	18,284	520,518
Pt. Hope	12	580	193	4	"	"	980,523	32,788	1,013,311
Pt. Lay	12	68	57	1	"	"	216,521	10,500	227,021
Wainwright	12	514	145	3	"	"	673,508	46,678	720,186
Northway P & L	12	344	102	4	1,590,700	1,370,008	414,492	52,943	467,435
Nushagak Elec Co-Op	12	2,128	1,056	41	13,625,320	12,778,004	5,316,270	532,204	5,848,474
Ouzinkie, City of	12	233	75	6	-	414,065	215,094	72,472	287,566
Pedro Bay Vil Council	12	71	26	2	31,560	104,534	81,930	7,401	89,331
-----									
Pelican Utility Co	8	213	116	0	2,013,920	1,843,713	427,075	0	427,075
Perryville, City of	12	110	20	4	-	168,737	120,959	257	121,216
Pilot Point Vil Council	12	67	32	1	-	153,276	149,280	39	149,319
Port Heiden, City of	12	94	41	3	-	137,796	199,476	0	199,476
Puvurnaq Power Co (Kong.)	12	234	61	4	-	286,918	217,795	1,099	218,894

ANNUAL STATISTICS FY 87

AVR. FUEL \$/GAL	FUEL		OPERATING COSTS (\$)	TOTAL DISBURSE- MENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST \$	KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR PCE AMOUNT C/KWH
	CONSUMED GAL	FUEL COST (\$)			RESID COMRCL	COMM FACIL	TOTAL				
1.176	44,447	50,386	77,635	40,594	403	1,158	463	796	9.3	0.188	14.3
1.258	136,756	171,909	412,582	335,149	322	897	359	1,464	11.8	0.256	33.9
0.518	154,485	79,296	203,303	80,798	391	1,729	463	434	10.5	0.133	7.8
-	0	0	22,606	16,660	186	183	185	397	-	0.285	26.8
-	0	0	43,444	36,691	199	632	238	1,112	-	0.460	38.9
-	0	0	-	25,131	193	63	188	483	-	-	21.5
1.090	46,130	50,701	47,922	74,575	246	1,053	294	632	9.8	0.106	19.6
0.935	1,270,541	1,184,733	1,641,646	622,844	434	2,763	511	621	10.5	0.124	10.1
1.718	30,686	52,320	7,030	31,534	220	0	220	225	9.8	0.023	20.4
1.280	38,561	49,331	98,007	66,155	289	193	279	859	8.6	0.286	25.7
-----											
1.017	43,982	44,101	52,013	52,816	272	699	322	880	6.7	0.176	22.8
1.113	38,813	31,915	92,570	79,245	273	794	299	1,321	7.0	0.274	36.8
1.133	30,266	34,253	66,691	40,383	186	278	187	518	8.5	0.260	23.1
1.315	57,835	76,052	15,826	67,308	353	1,335	385	732	8.1	0.045	21.1
1.230	248,013	354,537	420,000	287,936	383	3,581	475	1,384	10.8	0.157	24.3
-----											
1.187	26,727	31,398	37,755	38,330	194	211	196	983	6.9	0.222	41.8
1.232	20,077	23,598	27,585	44,934	173	338	187	936	7.9	0.194	41.8
1.200	11,163	12,965	19,834	23,393	466	0	466	2,339	7.7	0.270	41.8
1.200	17,665	20,912	27,483	31,790	154	271	167	837	6.6	0.259	41.8
-----											
1.200	16,474	19,359	25,175	22,766	181	92	175	876	5.8	0.290	41.8
0.870	1,145,370	1,155,366	1,388,160	456,873	404	2,091	414	650	11.7	0.104	13.1
-	0	0	0	111,401	247	208	244	1,125	-	-	38.5
1.459	42,599	72,866	17,609	84,741	262	282	263	911	5.9	0.065	38.5
1.500	33,501	47,759	56,103	36,731	542	366	529	1,312	7.9	0.211	20.7
1.274	7,583	10,665	7,186	8,486	331	194	320	229	4.6	0.189	14.3
1.590	26,845	42,683	23,269	50,661	190	1,129	297	1,151	8.9	0.098	32.3
0.978	1,617,824	1,584,543	1,852,964	869,712	412	3,376	494	533	12.6	0.091	9.0
2.250	1,145,370	1,375,635	3,024,108						7.9	0.323	
"	"	"	"	60,024	401	572	403	583	"	"	12.1
-----											
"	"	"	"	53,154	498	2,840	534	805	"	"	12.6
"	"	"	"	45,280	422	458	423	552	"	"	10.9
"	"	"	"	65,827	358	1,524	368	558	"	"	12.6
"	"	"	"	109,710	423	683	429	557	"	"	10.8
"	"	"	"	27,246	317	875	326	470	"	"	12.0
"	"	"	"	78,267	387	1,297	406	529	"	"	10.9
0.856	141,720	121,199	135,310	81,425	339	1,103	367	768	9.7	0.099	17.4
0.894	1,013,527	905,762	788,988	561,708	420	1,082	444	512	12.6	0.092	9.6
0.939	53,502	47,112	13,995	38,430	239	1,007	296	474	7.7	0.034	13.4
1.360	21,921	29,711	20,698	37,340	263	308	266	1,334	4.8	0.198	41.8
-----											
0.790	20,991	16,527	-	12,770	460	0	460	110	87.8	-	3.0
1.243	26,625	34,067	14,781	33,057	504	5	421	1,377	6.3	0.088	27.3
1.176	27,994	32,846	22,891	37,942	389	3	377	1,150	5.5	0.149	25.4
1.360	46,349	63,035	11,303	22,940	405	0	378	521	5.7	0.030	11.5
1.280	7,874	10,079	54,975	39,702	298	23	281	611	9.3	0.449	18.1

ANNUAL STATISTICS FY 87

UTILITY	COMM # OF CUSTOMERS				KWH GENERATED	KWH SOLD	ELIGIBLE KWH		
	M OF POPUL- DATA ATION	RESID COMRCL	COMM FACIL	COMM FACIL			RESID & COMRCL	COMM FACIL	TOTAL
Rampart Villagn	9	50	28	4	101,520	96,599	83,295	13,334	96,629
Ruby Elec Co	12	233	125	10	616,061	397,185	254,707	97,860	352,567
Sand Point Elec	12	895	375	16	6,554,318	6,306,562	1,536,781	390,645	1,927,426
Sheldon Pt. City Council	12	135	24	5	84,500	180,164	60,302	0	60,302
Stevens Village Sys	12	99	37	4	80,207	75,037	52,410	4,878	57,288
St. George Elec Utility	12	184	79	2	680,437	680,437	358,170	104,192	462,362
St. Paul Mun Elec	12	595	162	25	3,465,600	2,062,452	1,211,121	219,442	1,430,563
Takotna Comm Assoc	11	75	30	7	185,680	150,631	85,164	43,466	128,630
Tanana Power Co	12	417	178	11	-	1,577,291	530,448	153,193	683,641
Tatitlek Elec Utility	9	103	37	2	135,080	120,746	116,778	3,968	120,746
Telida Village Utility	12	26	7	2	34,305	28,131	18,742	5,120	23,862
Teller Power	12	247	78	3	241,349	526,008	200,067	13,330	213,397
Tenakee Springs Elec	12	134	88	9	300,000	248,631	180,750	42,452	223,202
Tetlin Village Energy	11	110	29	2	130,408	130,408	52,304	11,488	63,792
Thorne Bay Public Utility	11	460	181	10	1,358,557	1,101,696	739,962	163,371	903,333
Tlingit Haida REA	12	2,745	928	37	-	8,793,957	4,949,496	1,608,059	6,557,555
Tulkisarmute Inc	4	272	66	5	-	95,262	82,651	12,611	95,262
Tuntutuliak Comm Serv	12	216	74	4	476,425	473,996	242,805	20,480	263,285
Umnak Power Co (Nikolski)	12	50	33	5	121,719	110,261	79,787	18,275	98,062
Unalakleet Valley Elec	12	787	257	14	3,183,440	2,934,229	1,333,947	286,282	1,620,229
Unalaska Elec Utility	12	1,922	331	25	10,389,269	10,002,634	1,695,125	869,737	2,564,862
Unqusrag Power Co (Newtok)	12	187	40	5	119,872	117,094	98,105	17,003	115,108
Venetie Village Elec	9	186	65	4	131,710	186,561	115,891	12,945	128,836
White Mountain Utility	8	177	64	4	154,750	195,237	115,566	22,941	138,507
Yakutat Power Inc	12	462	273	16	4,994,483	4,250,709	1,667,709	135,102	1,802,811
<b>FY 87 TOTAL</b>		<b>63,025</b>	<b>23,372</b>	<b>1,093</b>	<b>227,909,265</b>	<b>242,620,825</b>	<b>97,578,114</b>	<b>17,013,532</b>	<b>114,591,646</b>
<b>WEIGHTED AVERAGE</b>									

FOOTNOTES

1. The KWH SOLD/GAL FUEL calculation for Skagway (AP&T), Chitina, and Pelican is high because it includes some hydro
2. Because of incomplete FUEL CONSUMED GAL data, adjustments were made to the KWH SOLD/GAL FUEL calculations for the and White Mountain.
3. Because of incomplete KWH SOLD data, adjustments were made to the KWH SOLD/GAL FUEL for the following utilities;
4. Because of incomplete OPERATING COSTS data, adjustments were made to the OP COSTS/ KWH calculations for the Nightmute, Nushigak, Puvurnaq, Telida, Tenakee, Thorne Bay, Unalakleet, Venetie, and White Mountain.
5. Because of incomplete KWH SOLD data, adjustments were made to the OP COSTS/KWH calculation for the following
6. For Chenega Bay, community facility calculations are based on 2 months of data.
7. The following utilities had one or more months of missing KWH GENERATED data; Bethel, Brevig Mission, Chenega Bay Kokhanok, Koliganek, Larsen Bay, Levelok, Stony River (Mid Kuskokwim), Napakiak, Napaskiak, Nightmute, Ouzinkie, and White Mountain.
8. The following utilities purchase power from their respective school districts; Kokhanok, Koliganek and Napakiak.
9. Refer to the FY 87 "Monthly PCE Statistics Report" for further details.

ANNUAL STATISTICS FY 87

AVR. FUEL \$/GAL	FUEL		OPERATING COSTS (\$)	TOTAL DISBURSE- MENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST \$	KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR PCE AMOUNT C/KWH
	CONSUMED GAL	FUEL COST (\$)			RESID COMRCL	COMM FACIL	TOTAL				
1.030	15,786	16,260	15,198	40,391	331	370	336	1,262	6.1	0.157	41.8
1.316	59,230	74,484	55,278	105,258	170	816	210	780	6.7	0.139	29.9
0.699	471,028	334,687	-	79,243	342	2,035	411	203	13.4	-	4.1
1.155	39,156	24,279	42,461	12,565	209	0	173	433	4.6	0.236	20.8
1.165	15,331	17,663	10,945	19,042	118	102	116	464	4.9	0.146	33.2
-----											
1.120	72,837	75,752	161,108	134,781	378	4,341	476	1,664	9.3	0.237	29.2
1.067	309,917	316,292	291,019	210,827	623	731	638	1,127	6.7	0.141	14.7
1.602	19,616	31,055	8,053	18,788	258	564	316	508	7.7	0.053	14.6
1.166	148,090	178,972	365,024	133,937	248	1,161	301	709	10.7	0.231	19.6
0.981	25,300	23,449	4,490	35,222	351	220	344	903	4.8	0.037	29.2
2.340	7,833	18,719	10,806	9,974	223	213	221	1,108	3.6	0.412	41.8
1.460	65,046	95,694	115,625	85,160	214	370	220	1,051	8.1	0.220	39.9
0.990	33,344	32,718	40,119	53,366	171	393	192	550	7.5	0.193	23.9
1.499	28,809	44,879	12,390	17,945	164	522	187	579	4.5	0.095	28.1
0.883	81,854	69,122	34,511	129,272	372	1,485	430	677	8.5	0.170	14.3
-----											
-	811,388	616,847	1,511,834	1,400,521	444	3,622	566	1,451	10.8	0.172	21.4
1.190	11,084	13,190	7,074	20,114	313	631	335	283	8.6	0.074	21.1
1.141	40,379	45,774	91,492	44,870	273	427	281	575	11.7	0.193	17.0
1.135	22,149	24,214	21,420	32,851	201	305	215	864	5.0	0.194	33.5
1.040	231,479	254,537	414,688	222,220	433	1,704	498	820	12.7	0.153	13.7
0.620	699,704	447,185	1,292,815	245,955	427	2,899	600	691	14.3	0.129	9.6
1.380	16,506	20,604	43,300	26,806	204	283	213	596	7.1	0.370	23.3
1.232	22,457	27,407	19,148	9,302	198	360	207	135	8.3	0.108	7.2
1.204	23,752	28,556	51,332	40,491	226	717	255	595	5.7	0.377	29.2
0.812	358,800	294,538	136,700	86,146	509	704	520	298	11.8	0.032	4.8
-----											
1.143	20,155,802	18,930,252	29,033,620	16,771,338	297	949	328	686	11.0	0.122	14.6
0.984					376	2,166	424				

power.

following utilities; Bethel, Diomedea, Levelock, Maknek, Napaskiak, Nightmute, Puvurnaq, Thorne Bay and

King Cove, Kwig, Levelock, Nightmute, North Slope, and Port Heiden.

following utilities; Akiachak, Atmoutluak, Chitina, Ekwok, Gustavus, Levelock, Manokotak, Mid Kusk Co-Op, Maknek,

utilities; King Cove, Kobuk, Kwig, Levelock, Nightmute, North Slope, and Port Heiden.

, Circle, Ekwok, Coffman Cove, Diomedea, Eagle Village, Egegik, Elfin Cove, False Pass, Far North, Igiugig, Kobuk, Pedro Bay, Perryville, Pilot Point, Port Heiden, Puvurnaq, Sheldon Point, Tanana, Teller, THREA, Tulkisarmute, Venetie,

Kobuk purchases power from Shungnak (AVEC).

POWER COST EQUALIZATION  
ANNUAL STATISTICS  
FY 86

UTILITY	COMM # OF CUSTOMERS				KWH GENERATED	KWH SOLD	ELIGIBLE KWH		TOTAL
	M OF POPUL- DATA ATION	RESID COMRCL	COMM FACIL	RESID & COMRCL			COMM FACIL		
Akiachak Ltd	12	436	95	1	419,468	419,468	302,705	2,933	305,638
Akiak City Council	12	265	63	2	278,543	258,584	258,584	19,986	278,570
Akutan Elec	12	189	33	5	233,369	134,996	130,629	9,752	140,381
Alaska Power & Telephone									
Craig	12	907	529	9	5,183,400	4,792,294	2,277,925	218,074	2,495,999
Hydaburg	12	429	168	2	1,243,700	904,785	661,861	42,639	704,500
Skagway	12	790	493	11	4,709,080	4,319,065	1,994,637	287,263	2,281,901
Tok	12	1,181	526	1	8,672,870	7,327,970	2,285,595	19,104	2,301,699
Alaska Village Elec Co-Op	12				32,389,413	28,745,351			
Alakanuk	12	539	114	8	"	"	306,236	104,429	410,665
-----									
Ambler	12	275	87	14	"	"	292,869	135,990	428,859
Anvik	12	114	45	1	"	"	118,396	1,315	119,711
Chevak	12	532	133	14	"	"	347,876	119,191	467,067
Eek	12	259	78	5	"	"	184,660	22,711	207,371
Elim	12	248	75	4	"	"	233,381	53,066	286,447
Emmonak	12	641	160	7	"	"	579,845	249,836	829,681
Gambell	12	500	132	10	"	"	420,773	59,013	479,786
Goodnews Bay	12	234	70	3	"	"	182,317	10,310	192,627
Grayling	12	217	67	7	"	"	212,370	27,892	240,262
Holy Cross	12	266	72	6	"	"	251,537	68,607	320,144
-----									
Hooper Bay	12	680	159	14	"	"	472,851	69,183	542,034
Huslia	12	283	76	10	"	"	227,364	42,667	270,031
Kaltag	12	257	76	5	"	"	245,536	64,436	309,972
Kiana	12	404	108	13	"	"	380,527	132,427	512,954
Kivalina	12	272	69	6	"	"	222,418	41,094	263,512
Koyuk	12	213	55	6	"	"	181,367	49,175	230,542
Lower Kalskag	12	271	65	4	"	"	162,173	41,547	203,720
Marshall	12	272	77	8	"	"	255,832	38,485	294,317
Mekoryuk	12	182	69	8	"	"	181,863	40,405	222,268
Minto	12	152	90	4	"	"	228,997	83,405	312,402
-----									
Mountain Village	12	666	184	14	"	"	683,468	219,778	903,266
New Stuyahok	12	337	84	8	"	"	276,521	75,219	351,740
Noatak	12	273	82	6	"	"	264,327	82,495	346,822
Noorvik	12	517	114	7	"	"	419,138	152,960	572,098
Nulato	12	382	104	12	"	"	299,778	106,099	405,877
Nunapitchuk	12	747	186	10	"	"	526,853	86,727	613,580
Old Harbor	12	375	114	9	"	"	360,717	76,770	437,487
Pilot Station	12	404	105	12	"	"	347,239	97,026	444,265
Pitkas Point	12	88	27	2	"	"	71,063	23,566	94,629
Quinhagak	12	424	123	5	"	"	355,507	50,029	405,536
-----									
Russian Mission	5	175	56	4	"	"	52,542	7,047	59,589
Savoonga	12	477	134	8	"	"	437,099	76,875	513,974
Scammon Bay	12	297	72	7	"	"	250,181	24,186	274,367
Selawik	12	637	151	12	"	"	422,528	132,528	555,056
Shageluk	12	149	37	4	"	"	105,253	37,359	142,612

AVR. FUEL \$/GAL	FUEL CONSUMED GAL	FUEL COST (\$)	OPERATING COSTS (\$)	TOTAL DISBURSE- MENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST \$	KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR PCE AMOUNT C/KWH
					RESID COMRCL	COMM FACIL	TOTAL				
1.918	44,247	61,237	174,864	60,236	266	244	265	627	9.5	0.417	19.7
1.390	51,100	71,029	39,923	50,323	342	833	357	774	5.1	0.154	18.1
1.030	32,770	34,081	28,790	20,355	330	163	308	536	4.8	0.183	14.5
0.983	397,288	365,551	217,912	157,819	359	2,019	387	293	12.1	0.045	6.3
0.902	96,935	82,987	77,546	95,692	328	1,777	345	563	11.3	0.085	13.6
1.063	263,180	230,462	235,442	127,464	337	2,176	377	253	16.4	0.059	5.6
0.962	665,671	606,592	336,414	204,878	362	1,592	364	389	11.0	0.050	8.9
1.292	3,155,565	3,858,417	7,461,888						9.1	0.260	30.1
"	"	"	"	122,337	224	1,088	281	1,003	"	"	"
"	"	"	"	129,118	281	809	354	1,278	"	"	"
"	"	"	"	36,234	219	110	217	788	"	"	"
"	"	"	"	141,709	218	709	265	964	"	"	"
"	"	"	"	62,929	197	379	208	758	"	"	"
"	"	"	"	85,607	259	1,106	302	1,084	"	"	"
"	"	"	"	243,471	302	2,974	414	1,458	"	"	"
"	"	"	"	144,687	266	492	282	1,019	"	"	"
"	"	"	"	58,327	217	286	220	799	"	"	"
"	"	"	"	72,764	264	332	271	983	"	"	"
"	"	"	"	95,208	291	953	342	1,221	"	"	"
"	"	"	"	164,134	248	412	261	949	"	"	"
"	"	"	"	81,763	249	356	262	951	"	"	"
"	"	"	"	92,955	269	1,074	319	1,148	"	"	"
"	"	"	"	153,457	294	849	353	1,268	"	"	"
"	"	"	"	79,901	269	571	293	1,065	"	"	"
"	"	"	"	69,817	275	683	315	1,145	"	"	"
"	"	"	"	61,812	208	866	246	896	"	"	"
"	"	"	"	89,239	277	401	289	1,050	"	"	"
"	"	"	"	67,336	220	421	241	874	"	"	"
"	"	"	"	93,009	212	1,738	277	989	"	"	"
"	"	"	"	269,411	310	1,308	380	1,361	"	"	"
"	"	"	"	106,506	274	784	319	1,158	"	"	"
"	"	"	"	102,670	269	1,146	328	1,167	"	"	"
"	"	"	"	169,315	306	1,821	394	1,399	"	"	"
"	"	"	"	121,692	240	737	292	1,049	"	"	"
"	"	"	"	185,704	236	723	261	947	"	"	"
"	"	"	"	130,854	264	711	296	1,064	"	"	"
"	"	"	"	134,087	276	674	316	1,146	"	"	"
"	"	"	"	28,459	219	982	272	981	"	"	"
"	"	"	"	121,451	241	834	264	949	"	"	"
"	"	"	"	17,564	188	352	199	293	"	"	"
"	"	"	"	155,733	272	801	302	1,097	"	"	"
"	"	"	"	83,054	290	288	289	1,051	"	"	"
"	"	"	"	167,057	233	920	284	1,025	"	"	"
"	"	"	"	43,207	237	778	290	1,054	"	"	"

## ANNUAL STATISTICS FY 86

UTILITY	COMM # OF CUSTOMERS				KWH GENERATED	KWH SOLD	ELIGIBLE KWH		
	M OF POPUL- DATA ATION	RESID COMRCL	COMM FACIL				RESID & COMRCL	COMM FACIL	TOTAL
Shaktoolik	12	171	49	5	"	"	225,266	62,274	287,540
Shishmaref	12	412	131	8	"	"	443,724	132,028	575,752
Shungnak	12	238	76	10	"	"	288,086	70,165	358,251
Stebbins	12	339	88	11	"	"	226,061	88,877	314,938
St. Mary's	12	563	134	10	"	"	563,625	138,421	702,046
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St. Michael	12	283	78	8	"	"	274,154	63,876	338,030
Togiak	12	554	138	7	"	"	536,497	109,001	645,498
Toksook Bay	12	368	99	6	"	"	329,195	32,617	361,812
Tununak	12	335	86	9	"	"	228,675	46,068	274,743
Upper Kalskag	12	133	49	1	"	"	165,447	6,321	171,768
Wales	12	136	47	7	"	"	118,945	73,759	192,704
Allakaket Energy Systems	12	180	57	7	109,403	103,237	85,865	17,172	103,037
Alutliq Power Co (Karluk)	5	90	26	3	22,660	41,811	29,525	2,132	31,657
Andreanof Elec (Atka)	12	94	34	6	275,693	275,140	158,271	53,173	211,444
Aniak L & P	12	483	113	0	1,706,029	1,557,083	878,367	0	878,367
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Arctic Village Elec	6	147	55	6	85,930	77,546	34,963	17,192	52,155
Atmoutluak Joint Utility	12	241	56	1	424,166	355,952	230,932	4,670	235,602
Beaver	12	62	46	2	174,220	174,220	88,614	22,385	110,999
Bethel Utility Corp	12	3,681	1,659	0	-	25,289,347	7,796,649	0	7,796,649
Bettles L & P	12	94	51	0	954,600	826,994	254,438	0	254,438
Birch Creek Village	3	50	17	3	23,465	19,315	10,716	3,836	14,552
Chalkyitak	10	103	32	4	155,639	139,525	44,188	7,610	51,798
Chefornak Elec Co	12	270	64	3	266,204	266,204	228,128	17,779	245,907
Chenega Bay IRA Vil Coun	3	75	20	1	20,197	19,046	14,526	3,063	17,589
Chignik Elec	12	124	50	5	351,632	322,829	215,463	21,711	237,174
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Chitina Elec Inc	12	42	30	2	129,298	120,641	114,149	8,657	122,806
Clarks Pt., City of	1		16	1	4,330	4,330	3,710	620	4,330
Cordova Elec Co-Op	12	2,520	1,308	38	19,066,983	18,056,273	6,236,640	1,236,850	7,473,490
Diomedes City Council	11	166	33	0	-	153,459	94,414	54,609	149,023
Eagle Power Co	12	142	64	3	292,510	265,139	164,690	4,030	168,720
Eagle Village	12	55	18	2	58,804	43,766	38,272	18,393	56,665
Egegik L & P	12	104	69	2	-	327,827	251,523	13,795	265,318
Elfin Cove Elec Utility	6	58	20	1	42,500	34,566	31,068	2,481	33,549
False Pass Elec Assoc	1	23	21	2	-	19,136	5,133	461	5,594
Far North Utility (Central)	5	43	27	1	-	49,071	36,165	1,734	37,899
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G & K, Inc (Cold Bay)	12	250	69	0	3,080,880	2,679,957	473,644	0	473,644
Galena, City of	12	938	273	12	2,168,390	2,162,390	1,039,346	330,126	1,369,472
Golovin Power Utility	12	121	55	5	213,999	213,999	138,239	30,651	168,890
Gustavus Elec Co	12	151	111	1	447,380	383,603	300,450	4,735	305,185
Gwitchyaa Zhee (Ft Yukon)	12	643	284	36	2,370,600	1,938,067	757,593	283,003	1,040,596
Haines L & P	12	1,079	735	8	8,904,400	7,864,143	3,959,496	276,660	4,236,156
Hughes P & L	12	98	39	3	-	119,485	58,678	32,070	90,748
Igiugig Vil Council	12	33	21	3	-	81,066	38,410	26,419	64,829
Ipnatchiaq Co. (Deering)	12	158	43	4	409,259	409,259	210,610	35,894	246,504
INN Elec Co-Op (Iliamna)	12	499	207	15	1,641,900	1,555,731	788,110	192,437	980,547

ANNUAL STATISTICS FY 86

AVR. FUEL \$/GAL	FUEL CONSUMED GAL	FUEL COST (\$)	OPERATING COSTS (\$)	TOTAL DISBURSEMENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST \$	KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR PCE AMOUNT C/KWH
					RESID CONRCL	CCMM FACIL	TOTAL				
"	"	"	"	86,606	383	1,038	444	1,604	"	"	"
"	"	"	"	174,488	282	1,375	345	1,255	"	"	"
"	"	"	"	107,887	316	585	347	1,254	"	"	"
"	"	"	"	95,264	214	673	265	962	"	"	"
"	"	"	"	209,910	351	1,154	406	1,458	"	"	"
-----											
"	"	"	"	102,500	293	665	328	1,192	"	"	"
"	"	"	"	193,365	324	1,298	371	1,334	"	"	"
"	"	"	"	110,206	277	453	287	1,050	"	"	"
"	"	"	"	82,529	222	427	241	873	"	"	"
"	"	"	"	52,078	281	527	286	1,042	"	"	"
"	"	"	"	58,408	211	878	297	1,082	"	"	"
1.815	14,737	26,701	12,370	43,069	126	204	134	673	7.0	0.120	41.8
1.640	5,140	8,430	7,988	2,257	227	142	218	78	8.1	0.191	7.1
1.191	34,043	32,143	3,900	32,745	388	739	441	819	8.1	0.014	15.5
1.298	153,023	203,804	303,800	197,549	648	0	648	1,748	10.2	0.195	22.5
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2.365	11,703	34,633	16,151	13,409	106	478	143	220	6.6	0.428	25.7
1.342	46,050	57,978	113,038	83,172	344	389	344	1,459	8.6	0.318	35.3
1.171	36,517	42,464	34,205	46,211	161	933	193	963	4.8	0.196	41.6
1.183	1,987,737	2,323,710	1,800,000	571,124	392	0	392	344	12.7	0.071	7.3
1.710	88,668	151,602	-	88,957	416	0	416	1,744	9.3	-	35.0
2.130	5,248	11,178	2,003	5,311	210	426	243	266	3.7	0.104	36.5
1.538	19,063	29,065	24,550	21,159	138	190	144	588	7.3	0.176	40.8
1.195	37,964	45,199	41,907	46,069	297	494	306	688	7.0	0.174	18.7
1.275	5,071	6,461	2,350	4,883	242	1,021	279	233	3.8	0.123	27.8
0.987	41,560	40,555	45,645	41,220	359	362	359	749	7.8	0.143	17.4
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1.011	18,899	19,631	25,502	41,357	317	361	320	1,292	6.4	0.228	33.7
-	-	-	-	679	232	620	255	40	-	-	15.7
0.870	1,488,508	1,335,126	476,094	716,354	397	2,712	463	532	12.1	0.026	9.6
-	-	-	69,057	39,521	260	0	411	1,198	-	0.450	26.5
1.121	31,805	35,279	30,045	39,480	214	112	210	589	8.3	0.113	23.4
1.188	15,837	18,754	13,650	23,686	177	766	236	1,184	2.8	0.312	41.8
1.135	34,779	39,368	60,692	91,525	304	575	311	1,289	9.4	0.185	34.5
0.970	6,195	6,010	5,163	6,904	259	414	266	329	5.6	0.149	20.6
0.878	2,912	-	8,395	1,044	244	231	243	45	6.6	0.439	18.7
1.085	10,023	10,990	16,361	12,651	268	347	271	452	4.9	0.333	33.4
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1.017	248,132	252,711	384,796	74,875	572	0	572	1,085	10.8	0.144	15.8
1.538	181,377	281,494	571,346	310,856	317	2,293	400	1,091	11.9	0.264	22.7
1.190	40,644	48,366	88,041	50,689	209	511	235	845	5.3	0.411	30.0
1.370	14,209	19,466	-	117,496	226	395	227	1,049	6.7	-	38.5
1.625	205,773	340,431	330,873	204,446	222	655	271	639	9.4	0.171	19.6
1.004	694,061	693,702	496,830	240,771	449	2,882	475	324	11.3	0.063	5.7
1.717	22,210	40,382	25,869	36,566	125	891	180	871	5.4	0.217	40.3
1.450	13,060	18,726	13,008	24,092	152	734	225	1,004	6.2	0.230	37.2
1.369	41,071	85,113	66,077	43,955	408	748	437	935	10.0	0.161	17.8
1.452	133,120	193,329	324,198	315,257	317	1,069	368	1,420	11.7	0.208	32.2

## ANNUAL STATISTICS FY 86

UTILITY	COMM # OF CUSTOMERS		# OF CUSTOMERS		KWH GENERATED	KWH SOLD	ELIGIBLE KWH		TOTAL
	M OF POPUL- DATA ATION	RESID COMM COMRCL FACIL	RESID COMM COMRCL FACIL	COMRCL FACIL			RESID & COMRCL	COMRCL FACIL	
King Cove, City of	12	540	153	8	1,746,969	1,444,584	763,016	183,455	946,471
Kobuk Valley Elec Co-Op	12	86	25	15	6,403	100,490	48,149	34,811	82,960
Kokhanok Vil Council	12	130	28	2	0	70,117	60,702	17,173	77,875
Koliganek Vil Council	12	154	50	2	0	117,373	114,707	2,666	117,373
Kotlik	12	413	96	4	454,668	454,668	278,476	68,396	346,872
Kotzebue Elec Assoc	12	2,978	954	34	14,562,500	13,384,646	3,954,119	2,107,989	6,062,108
Kwethluk, Inc	12	507	128	4	704,408	692,167	579,753	2,349	582,102
Kwig Power Co	12	354	62	7	325,118	271,010	213,661	19,163	232,824
Larsen Bay Utility	12	180	52	6	288,094	288,094	166,971	55,696	222,667
Levelock Elec Co-Op	12	110	52	5	-	363,677	178,267	50,165	228,432
Manley Utility Co	12	80	63	1	177,808	177,808	131,751	2,688	134,439
Manokotak Natives Ltd	10	299	80	3	475,762	475,762	285,260	35,330	320,590
McGrath L & P	12	510	231	6	3,148,800	2,712,239	887,848	274,569	1,158,417
Middle Kuskokwim Co-Op									
Chauthbaluk	12	130	36	4	143,434	143,225	72,009	11,285	83,294
Crooked Creek	12	117	38	4	154,015	153,543	85,457	15,346	100,803
Red Devil	6	42	1	0	4,056	5,842	4,500	0	4,500
Sleetmute	12	85	30	4	131,578	131,314	65,704	13,940	79,644
Stony River	12	70	19	2	109,876	109,650	45,471	1,803	47,274
Naknek Elec	12	1,275	640	5	15,136,460	13,204,550	3,091,701	104,671	3,196,372
Napakiak Ircinraq Power	12	324	81	9	0	309,067	239,873	19,290	259,163
Napaskiak Inc	12	276	83	5	-	321,566	282,876	21,298	304,174
Nelson Lagoon Elec	12	59	26	2	259,728	256,817	163,649	7,261	170,910
Nightmute Power	12	145	35	3	234,395	234,395	140,337	6,909	147,246
Nikolai L & P	12	118	39	6	263,724	263,724	80,077	74,021	154,098
Nome Joint Utility	12	3,732	1,561	46	22,423,400	19,853,410	7,679,931	1,591,040	9,270,971
North Slope Borough	12				10,320,014	7,106,065			
Anaktuvuk	12	232	83	1	"	"	436,003	9,090	445,093
Atkasuk	12	216	59	1	"	"	360,413	12,615	373,028
Kaktovik	12	208	65	1	"	"	382,302	4,730	387,032
Nuiqsut	12	309	108	1	"	"	554,900	14,354	569,254
Pt. Hope	12	580	167	2	"	"	928,450	14,042	942,492
Pt. Lay	12	68	46	1	"	"	212,213	9,923	222,136
Wainwright	12	514	136	2	"	"	675,123	21,727	696,850
Northway P & L	12	346	94	4	1,454,620	1,276,001	374,950	54,582	429,532
Nushagak Elec Co-Op	12	2,128	1,036	30	12,297,641	10,611,014	5,062,128	355,113	5,417,241
Ouzinkie, City of	12	233	74	5	-	393,276	205,019	61,382	266,401
Pedro Bay Vil Council	12	69	25	2	-	96,300	75,303	10,485	85,788
Pelican Utility Co	12	213	117	0	3,002,080	2,696,201	592,647	0	592,647
Perryville, City of	12	110	25	0	-	161,226	118,592	0	118,592
Pilot Point Vil Council	12	67	31	1	153,118	153,118	153,078	40	153,118
Port Heiden, City of	12	94	40	3	-	-	191,422	0	191,422
Puvuruaq Power Co (Kong.)	12	235	60	17	330,352	438,837	217,862	685	218,547
Rampart Village	12	48	24	3	115,511	93,797	54,819	4,953	59,842
Ruby Elec Co	12	233	118	10	616,860	328,417	255,002	193,973	448,975

ANNUAL STATISTICS FY 86

AVR. FUEL \$/GAL	FUEL CONSUMED GAL	FUEL COST (\$)	OPERATING COSTS (\$)	TOTAL DISBURSE- MENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST \$	KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR PCE AMOUNT C/KWH
					RESID COMRCL	COMM FACIL	TOTAL				
0.872	147,519	128,434	180,437	59,438	416	1,911	490	369	9.8	0.125	6.3
-	-	-	32,780	22,424	160	193	173	561	-	0.326	27.0
-	0	0	29,022	20,073	181	716	216	669	-	0.368	25.8
-	0	0	0	25,024	191	111	188	481	-	-	21.3
1.399	60,085	73,465	44,351	111,589	242	1,425	289	1,116	7.6	0.098	32.2
0.985	1,257,401	1,232,418	1,640,908	645,938	345	5,167	511	654	10.6	0.123	10.7
1.750	71,526	125,171	35,713	139,169	377	49	367	1,054	9.7	0.055	23.9
1.283	35,731	45,984	57,371	59,067	287	228	281	856	8.4	0.185	25.4
1.200	48,405	58,086	45,742	50,578	268	774	320	872	6.0	0.159	22.7
1.178	45,240	64,030	73,025	86,921	286	836	334	1,525	8.0	0.201	38.1
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1.256	38,676	57,018	57,895	26,310	174	224	175	411	4.6	0.326	19.6
1.262	61,795	77,982	45,167	67,645	357	1,178	386	815	7.7	0.108	21.1
1.498	249,954	375,838	410,000	304,961	319	3,813	407	1,287	10.9	0.151	26.3
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1.419	20,569	29,170	36,900	34,817	167	235	174	870	7.0	0.258	41.8
1.419	19,583	27,852	36,900	42,136	187	320	200	1,003	7.8	0.240	41.8
1.398	1,324	1,853	-	1,881	750	0	750	1,881	4.4	-	41.8
1.413	19,260	27,280	36,900	33,291	183	290	195	979	6.8	0.281	41.8
1.419	34,434	23,889	36,244	19,761	199	75	188	941	3.2	0.331	41.8
0.893	1,150,699	1,184,706	1,371,406	418,363	403	1,745	413	649	11.5	0.104	13.1
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-	0	0	0	99,778	247	179	240	1,109	-	-	38.5
1.745	65,019	113,024	13,409	116,985	284	355	288	1,329	4.9	0.042	38.5
2.100	34,746	53,313	34,877	56,151	525	303	509	2,005	7.4	0.136	32.9
1.293	55,753	71,033	23,069	22,031	334	192	323	580	4.2	0.098	15.0
1.734	44,236	77,550	38,237	64,241	171	1,028	285	1,428	6.0	0.145	41.7
1.056	1,662,666	1,753,781	1,859,393	889,086	410	2,882	481	553	11.9	0.094	9.6
2.250	906,589	1,206,446	3,585,984	-	-	-	-	-	8.7	0.417	-
"	-	-	-	53,957	438	758	442	642	"	"	12.1
"	-	-	-	47,374	509	1,051	518	790	"	"	12.7
"	-	-	-	41,570	490	394	489	635	"	"	10.8
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"	-	-	-	71,944	428	1,196	435	660	"	"	12.6
"	-	-	-	101,841	463	585	465	603	"	"	10.8
"	-	-	-	26,718	384	827	394	568	"	"	12.0
"	-	-	-	75,440	414	905	421	547	"	"	10.8
1.000	132,579	133,327	106,565	81,504	332	1,137	365	832	9.6	0.084	19.0
0.950	944,096	897,293	1,204,228	511,175	407	986	423	480	11.2	0.129	9.4
1.200	55,930	65,828	12,915	39,411	231	1,023	281	499	7.0	0.033	14.8
1.460	21,271	30,501	25,945	32,992	251	437	265	1,222	4.5	0.269	38.5
0.976	78,232	78,095	-	17,720	422	0	422	151	34.5	-	3.0
1.346	30,808	41,317	11,636	33,141	395	0	395	1,326	5.2	0.074	27.9
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1.125	27,913	30,143	18,170	40,576	412	3	399	1,268	5.5	0.119	26.5
1.368	43,535	59,541	7,338	22,014	399	0	371	512	4.4	-	11.5
1.593	-	-	-	63,329	303	3	237	822	-	-	29.0
1.273	18,279	23,240	16,901	25,014	191	138	185	926	5.1	0.180	41.8
1.628	63,768	95,530	71,209	142,334	180	1,616	292	1,112	5.2	0.237	31.7

ANNUAL STATISTICS FY 86

UTILITY	# OF CUSTOMERS				KWH GENERATED	KWH SOLD	ELIGIBLE KWH		TOTAL
	M OF DATA	POPUL- ATION	RESID COMRCL	COMM FACIL			RESID & COMRCL	COMM FACIL	
Sand Point Elec	12	876	370	16	6,317,880	6,115,530	1,472,043	289,274	1,761,317
Sheldon Pt. City Council	10	138	21	0	101,870	71,475	40,576	0	40,576
Stevens Village Sys	11	88	36	4	90,620	87,950	44,119	4,836	48,955
St. George Elec Utility	12	172	78	3	650,742	650,742	411,281	97,350	508,631
St. Paul Mun Elec	12	595	137	19	3,837,990	2,692,835	1,111,510	385,812	1,497,322
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Takotna Comm Assoc	12	64	33	5	216,577	145,519	122,753	44,758	167,511
Tanana Power Co	12	417	171	11	-	1,529,549	506,802	189,297	696,099
Tatitlek Elec Utility	12	103	33	2	195,483	167,531	155,812	9,000	164,812
Telida Village Utility	7	26	7	2	20,125	17,649	10,125	3,288	13,413
Teller Power	12	247	73	2	183,040	468,311	159,374	12,980	172,354
Tenakee Springs Elec	12	152	84	9	285,120	233,132	164,602	44,072	208,674
Tetlin Village Energy	12	109	28	2	135,130	-	62,773	15,518	78,291
Thorne Bay Public Utility	12	393	175	12	1,491,542	1,313,696	753,153	204,166	957,319
Tlingit Haida REA	12	2,670	892	37	-	8,301,090	4,520,915	1,735,843	6,256,758
Tulkisarmute Inc	7	291	67	4	-	168,512	157,967	7,910	165,877
-----									
Tuntutuliak Comm Serv	12	216	72	3	446,642	445,567	235,408	9,326	244,734
Umnak Power Co (Nikolski)	10	50	32	4	68,242	83,930	63,703	9,662	73,365
Unalakleet Valley Elec	12	787	247	16	3,329,650	3,022,424	1,266,286	278,325	1,544,611
Unalaska Elec Utility	12	1,922	329	19	3,495,744	3,468,962	1,570,784	678,157	2,248,941
Unqsrag Power Co (Newtok)	12	186	42	5	104,685	104,685	88,653	11,706	100,359
White Mountain Utility	10	156	54	9	109,785	89,901	85,879	22,412	108,291
Yakutat Power Inc	12	462	268	15	4,899,368	4,488,842	1,642,073	156,656	1,798,729
-----									
FY 86 TOTAL	-	62,042	22,175	1,040	211,552,541	225,414,492	91,788,150	16,550,730	108,338,880
WEIGHTED AVERAGE									

FOOTNOTES

1. The KWH SOLD/GAL FUEL calculation for Skagway (AP&T), Chitna and Pelican is high because a portion of the KWH's
2. Because of incomplete FUEL CONSUMED GAL data, adjustments were made to the KWH SOLD/GAL data for the following
3. Because of incomplete KWH SOLD data, adjustments were made to the KWH SOLD/GAL FUEL for the following utilities;
4. Because of incomplete OPERATING COSTS data, adjustments were made to the OP COSTS/KWH calculation for the Nushagak, Perryville, Ruby, Tulkisarmute, Unqsrag and Unalakleet.
5. Because of incomplete KWH SOLD data, adjustments were made to the OP COSTS/KWH calculations for the following
6. The following utilities had one or more months of missing KWH GENERATED data: Allakaket, Alutiq, Arctic Village, Kotzebue, Levelock, Manley, Mid Kuskokwim (Red Devil), Napakiok, Napakiak, Ouzinkie, Pedro Bay, Perryville, Port
7. The following utilities purchase power from their respective school districts; Kokhanok, Koliganek and Napakiak.
8. Refer to the FY 86 "Monthly PCE Statistics Report" for further details.

ANNUAL STATISTICS FY 86

AVR. FUEL \$/GAL	FUEL CONSUMED GAL	FUEL COST (\$)	OPERATING COSTS (\$)	TOTAL DISBURSE- MENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST \$	KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR PCE AMOUNT C/KWH
					RESID COMRCL	COMM FACIL	TOTAL				
0.940	417,246	391,020	-	124,763	332	1,507	380	323	13.6	-	7.1
1.292	14,763	18,616	27,015	4,840	193	0	193	230	4.8	0.378	11.9
1.250	15,150	17,438	10,220	20,463	111	110	111	512	5.8	0.116	41.8
1.191	83,027	98,581	182,032	124,594	439	2,704	523	1,538	7.8	0.280	24.5
1.119	351,378	379,499	2,880,731	251,618	676	1,692	800	1,613	7.7	1.070	16.8
-----											
1.602	20,612	32,765	17,132	22,359	310	746	367	588	8.8	0.118	13.3
1.720	164,320	283,405	340,999	163,437	247	1,434	319	898	10.2	0.223	23.5
0.981	38,251	39,088	7,228	48,076	393	375	392	1,374	4.4	0.043	29.2
2.340	5,892	13,788	5,899	5,607	207	235	213	623	3.0	0.334	41.8
1.371	61,686	82,529	73,050	55,487	182	541	192	740	7.6	0.156	32.2
1.299	32,065	41,604	50,648	56,915	163	408	187	612	7.3	0.217	27.3
1.499	-	-	-	19,345	187	647	217	645	-	-	24.7
1.127	72,933	-	-	155,469	359	1,418	427	831	8.5	-	16.2
-	811,622	813,672	1,424,301	1,382,812	422	3,910	561	1,488	10.2	0.172	22.1
1.190	20,753	24,695	15,654	33,292	337	203	334	469	6.8	0.112	20.1
-----											
1.287	39,119	49,508	82,908	65,065	272	259	272	868	11.4	0.186	26.2
1.407	10,996	15,471	12,495	24,577	199	242	204	683	7.6	0.149	33.5
0.989	241,362	240,752	420,569	182,374	427	1,450	489	693	12.5	0.154	11.8
0.883	344,081	290,414	804,408	457,368	398	2,974	539	1,314	10.1	0.232	20.3
1.410	12,258	17,285	30,256	22,601	176	195	178	481	8.5	0.315	22.5
1.256	23,879	33,784	15,307	36,460	159	249	172	579	3.8	0.170	33.7
0.996	369,886	374,716	119,749	119,477	511	870	530	422	12.1	0.027	6.6
1.322	20,994,795	23,284,918	31,707,920	17,785,390	295	885	325	766	10.7	0.140	16.4
1.147					371	2,196	421				

are generated with hydropower.

utilities; Gustavus, Sand Point, Thorne Bay, and Tulkisarmute.

Akutan, Hydaburg (AP&T), Atmautluak, Kwig, North Slope Borough, Pedro Bay, Takotna and Tanana.

following utilities; AP&T (Hydaburg, Skagway, Tok) Cheforak, Chignik, Chitna, Iguigig, Kwethluk, Manokotak,

utilities; Akutan, AP&T (Hydaburg), Arctic Village, Kokhanok, Kwig and North Slope Borough.

Atmautluak, Bethel, Diomedea, Egegik, False Pass, Far North, Hughes, INNEC, Igiugig, Kobuk, Kokhanok, Koliganek, Heiden, Puvurnaq, Tanana, Teller, THREA, Tulkisarmute, and Umnak,

POWER COST EQUALIZATION  
ANNUAL STATISTICS  
FY 85

UTILITY	COMM # OF CUSTOMERS		# OF CUSTOMERS		KWH GENERATED	KWH SOLD	ELIGIBLE KWH		TOTAL
	M OF POPUL- DATA ATION	RESID COMRCL	COMM FACIL	RESID & COMRCL			COMM FACIL		
Akiachak Ltd	9	451	92	1	316,433	316,433	237,966	3,248	241,214
Akiak City Council	4	250	60	1	55,301	53,543	53,542	1,758	55,300
Akutan Electric	3	189	32	5	41,796	41,796	33,790	3,462	37,252
Alaska Power & Telephone									
Craig	9	907	451	9	3,622,360	3,316,236	1,552,810	180,376	1,733,186
Hydaburg	9	429	161	2	1,033,410	860,638	494,459	40,630	535,089
Skagway	9	790	442	11	3,421,022	2,993,482	1,454,211	192,309	1,646,520
Tok	9	649	445	1	6,350,900	4,933,701	1,614,221	10,918	1,625,139
Alaska Villnge Elec Co-Op					23,943,354	21,110,501			
Alakanuk	9	562	119	9	"	"	228,588	94,763	323,351
-----									
Ambler	9	280	85	13	"	"	192,321	94,930	287,251
Anvik	9	115	43	1	"	"	76,749	542	77,291
Chevak	9	528	135	13	"	"	253,421	83,350	336,771
Eek	9	264	75	5	"	"	126,921	15,221	142,142
Elim	9	210	74	3	"	"	168,010	47,713	215,723
Emmonak	9	641	144	7	"	"	340,617	181,704	522,321
Gambell	9	440	139	9	"	"	319,836	40,303	360,139
Goodnews Bay	9	217	70	2	"	"	129,822	699	130,521
Grayling	9	212	67	6	"	"	157,290	14,389	171,679
Holy Cross	9	266	73	7	"	"	178,512	57,347	235,859
-----									
Hooper Bay	9	654	154	12	"	"	312,788	57,450	370,238
Kusliá	9	246	77	10	"	"	175,353	32,015	207,368
Kaltag	9	257	76	5	"	"	175,755	56,416	232,171
Kiana	9	368	108	14	"	"	262,970	97,083	360,053
Kivalina	9	272	70	6	"	"	159,954	33,343	193,297
Koyuk	9	200	55	6	"	"	144,387	32,263	176,650
Lower Kalskag	9	262	72	4	"	"	156,038	32,722	188,760
Mekoryuk	9	191	67	6	"	"	122,846	35,970	158,816
Minto	9	152	84	4	"	"	129,076	82,074	211,150
Marshall	9	276	75	8	"	"	180,599	34,138	214,737
-----									
Mountain Village	9	666	188	16	"	"	539,867	184,841	724,708
New Stuyahok	9	337	67	8	"	"	142,455	21,226	163,681
Noatak	9	273	80	7	"	"	179,316	79,644	258,960
Noorvik	9	517	115	7	"	"	271,645	139,176	410,821
Nulato	9	379	100	11	"	"	200,279	93,689	293,968
Nunapitchuk	9	747	179	9	"	"	335,536	54,803	390,339
Old Harbor	9	375	105	9	"	"	250,355	88,341	338,696
Pilot Station	9	404	106	12	"	"	256,192	70,398	326,590
Pitkas Point	9	88	27	2	"	"	53,705	23,904	77,609
Quinhagak	9	471	123	5	"	"	225,833	45,968	271,801
-----									
Savoonga	9	477	134	6	"	"	329,339	60,290	389,629
Scammon Bay	9	256	69	7	"	"	156,367	17,728	174,095
Selawik	9	604	146	12	"	"	290,982	86,276	377,258
Shageluk	9	143	36	4	"	"	70,207	21,705	91,912
Shaktoolik	9	171	46	5	"	"	140,331	47,522	187,853

AVR. FUEL \$/GAL	FUEL CONSUMED GAL	FUEL COST (\$)	OPERATING COSTS (\$)	TOTAL DISBURSEMENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST \$	KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR PCA AMOUNT C/KWH
					RESID COMRCL	COMM FACIL	TOTAL				
1.890	35,314	48,776	25,684	42,212	287	361	288	454	9.0	0.103	17.5
1.390	12,000	16,680	3,380	9,993	223	440	227	164	4.5	0.063	18.1
1.106	8,403	329,224	55,744	5,402	352	231	336	146	5.0	1.334	14.5
0.985	276,539	263,448	148,531	91,448	383	2,227	419	199	12.0	0.050	5.3
0.928	94,350	79,471	64,371	50,298	341	2,257	365	309	9.1	0.085	9.4
1.047	198,655	220,943	196,012	55,338	366	1,943	404	122	15.1	0.076	3.4
1.025	540,697	532,349	230,986	137,443	403	1,213	405	308	9.1	0.052	8.5
1.348	2,373,227	3,075,940	4,300,804						8.9	0.204	28.0
"	"	"	"	91,061	213	1,170	281	711	"	"	"
"	"	"	"	80,434	251	811	326	821	"	"	"
"	"	"	"	21,121	198	60	195	480	"	"	"
"	"	"	"	94,477	209	712	253	638	"	"	"
"	"	"	"	39,581	188	338	197	495	"	"	"
"	"	"	"	60,844	252	1,767	311	790	"	"	"
"	"	"	"	146,850	263	2,884	384	973	"	"	"
"	"	"	"	99,610	256	498	270	673	"	"	"
"	"	"	"	36,764	206	39	201	511	"	"	"
"	"	"	"	48,448	261	266	261	664	"	"	"
"	"	"	"	66,252	272	910	328	828	"	"	"
"	"	"	"	104,073	226	532	248	627	"	"	"
"	"	"	"	58,298	253	356	265	670	"	"	"
"	"	"	"	65,613	257	1,254	318	810	"	"	"
"	"	"	"	101,188	271	771	328	829	"	"	"
"	"	"	"	54,090	254	617	283	712	"	"	"
"	"	"	"	49,608	292	597	322	813	"	"	"
"	"	"	"	53,122	241	909	276	699	"	"	"
"	"	"	"	44,525	204	666	242	610	"	"	"
"	"	"	"	59,818	171	2,280	267	680	"	"	"
"	"	"	"	60,354	268	474	287	727	"	"	"
"	"	"	"	204,365	319	1,284	395	1,002	"	"	"
"	"	"	"	45,922	236	295	242	612	"	"	"
"	"	"	"	72,535	249	1,264	331	834	"	"	"
"	"	"	"	115,746	262	2,209	374	949	"	"	"
"	"	"	"	82,688	223	946	294	745	"	"	"
"	"	"	"	108,697	208	677	231	578	"	"	"
"	"	"	"	94,876	265	1,091	330	832	"	"	"
"	"	"	"	91,833	269	652	308	778	"	"	"
"	"	"	"	21,642	221	1,328	297	746	"	"	"
"	"	"	"	76,537	204	1,022	236	598	"	"	"
"	"	"	"	109,229	273	1,116	309	780	"	"	"
"	"	"	"	48,892	252	281	255	643	"	"	"
"	"	"	"	105,746	221	799	265	669	"	"	"
"	"	"	"	25,691	217	603	255	642	"	"	"
"	"	"	"	53,165	339	1,056	409	1,042	"	"	"

## ANNUAL STATISTICS FY 85

UTILITY	COMM # OF CUSTOMERS		RESID COMM	KWH GENERATED	KWH SOLD	ELIGIBLE KWH			
	M OF POPUL- DATA	ATION				COMRCL	FACIL	RESID & COMRCL	COMM FACIL
Shishmaref	9	412	133	8	"	"	332,767	111,327	444,094
Shungnak	9	286	71	10	"	"	159,535	42,918	202,453
St. Mary's	9	563	133	8	"	"	409,288	118,448	527,736
St. Michael	9	294	77	8	"	"	190,513	47,508	238,021
Stebbins	9	339	85	11	"	"	146,139	57,653	203,792
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Togiak	9	546	137	7	"	"	377,097	80,539	457,636
Toksook Bay	9	358	95	5	"	"	229,437	31,131	260,568
Tununak	9	328	84	6	"	"	150,860	67,064	217,924
Upper Kalskag	9	133	44	1	"	"	96,140	7,867	104,007
Wales	9	130	47	6	"	"	93,750	33,923	127,673
Allakaket Energy Systems	6	175	53	8	41,618	34,846	23,251	11,595	34,846
Andreanof Elec (Atka)	9	93	35	6	224,783	224,130	125,247	45,493	170,740
Aniak L & P	9	409	173	0	1,305,610	1,045,610	638,945	0	638,945
Atmautluak Joint Utility	9	238	60	1	261,284	282,064	162,976	3,220	166,196
Beaver Elec	4	62	43	2	36,233	36,224	15,333	5,138	20,471
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Bethel Utility Corp	9	3,681	1,624	0	-	18,916,425	5,694,331	0	5,694,331
Bettles L & P	9	94	48	0	771,600	665,256	177,284	0	177,284
Chalkyitsik Systems	1	110	38	2	11,295	9,585	3,878	723	4,601
Chefornak Elec Co	9	271	61	3	182,848	182,848	167,661	10,870	178,531
Chignik Elec	9	124	48	2	245,876	245,876	138,744	8,015	146,759
Chitina Elec Inc	9	49	31	2	84,070	81,481	76,668	2,638	79,306
Cordova Elec Co-Op	9	2,425	1,284	38	12,339,798	11,488,132	4,572,353	944,438	5,516,791
Diomedea City Council	4	154	33	0	-	47,718	34,078	15,666	49,744
Eagle Power Co	9	142	50	3	100,479	100,479	96,116	2,800	98,916
Eagle Village	1	70	16	2	3,750	3,325	1,606	1,719	3,325
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Egegik L & P	9	78	54	2	-	206,265	144,849	3,836	148,685
False Pass Elec Assoc	2	75	21	2	-	36,079	11,726	1,107	12,833
G & K, Inc. (Cold Bay)	9	198	70	0	-	2,551,509	350,344	0	350,344
Galena, City of	9	900	226	10	1,408,320	1,408,320	672,198	250,792	922,990
Golovin Power Utility	9	113	54	4	153,916	153,916	94,187	26,284	120,471
Gustavus Elec Co	9	129	87	1	315,840	279,327	190,573	1,088	191,661
Gwitchyaa Zhee (Ft Yukon)	9	643	284	36	2,083,200	1,687,120	571,735	243,384	815,119
Haines L & P	9	1,024	737	7	6,820,800	6,267,937	2,857,501	302,359	3,159,860
Hughes P & L	9	98	39	3	-	91,252	46,299	18,037	64,336
Iglugig Vil Council	8	33	20	2	6,767	48,264	25,848	8,723	34,571
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Ipnotchik Co (Deering)	6	158	45	5	208,968	208,968	102,288	15,571	117,859
INN Elec Co-Op (Iliamna)	9	427	220	15	1,358,400	1,192,480	618,590	137,871	756,461
King Cove, City of	6	521	145	11	712,480	603,198	313,066	173,272	486,338
Kokhanok Vil Council	2	130	26	1	0	4,463	4,010	453	4,463
Koliganek Vil Council	6	175	48	2	0	53,462	48,162	225	48,387
Kotlik Elec Svs	9	413	99	4	266,664	266,664	207,973	47,286	255,259
Kotzebue Elec Assoc	9	2,978	932	30	12,125,400	9,910,147	3,550,676	638,066	4,188,742
Kwethluk, Inc	9	512	128	0	422,055	422,055	400,021	0	400,021
Kwig Power Co	9	354	47	7	174,627	172,876	139,566	14,666	154,232
Larsen Bay Utility	9	180	47	1	218,631	218,631	132,751	30,983	163,734

ANNUAL STATISTICS FY 85

AVR. FUEL \$/GAL	FUEL CONSUMED GAL	FUEL COST (\$)	OPERATING COSTS (\$)	TOTAL DISBURSEMENTS (\$)	ELIGIBLE KWH/M			AVR ANH DISBUR/ CUST \$	KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR PCA AMOUNT C/KWH
					RESID COMRCL	COMM FACIL	TOTAL				
"	"	"	"	124,336	278	1,546	350	882	"	"	"
"	"	"	"	56,749	250	477	278	701	"	"	"
"	"	"	"	148,675	342	1,645	416	1,054	"	"	"
"	"	"	"	66,827	275	660	311	786	"	"	"
"	"	"	"	57,265	191	582	236	597	"	"	"
-----											
"	"	"	"	127,645	306	1,278	353	886	"	"	"
"	"	"	"	72,765	268	692	290	728	"	"	"
"	"	"	"	51,971	200	1,242	269	577	"	"	"
"	"	"	"	28,963	243	874	257	644	"	"	"
"	"	"	"	34,215	222	628	268	646	"	"	"
1.897	6,493	12,314	4,800	14,566	73	242	95	239	5.4	0.138	41.8
1.394	27,510	38,608	2,925	43,091	398	842	463	1,051	8.1	0.013	25.2
1.544	123,917	181,974	210,316	169,448	410	0	410	979	9.3	0.201	26.5
1.388	38,646	47,587	59,366	56,788	302	358	303	931	7.3	0.458	34.2
1.400	8,750	12,250	10,864	7,525	89	642	114	167	4.1	0.300	36.8
-----											
1.247	1,521,970	1,902,949	-	330,395	390	0	390	203	12.4	-	5.8
1.758	66,729	117,452	-	64,522	410	0	410	1,344	10.0	-	36.4
1.550	1,890	2,899	785	1,882	102	362	115	47	5.1	0.082	40.9
1.555	18,156	28,284	21,843	30,708	305	403	310	480	6.8	0.119	17.2
1.078	30,724	33,188	39,580	25,639	321	445	326	513	8.0	0.161	17.5
1.073	13,734	14,922	20,261	23,318	275	147	267	707	5.9	0.320	29.4
0.935	938,882	895,388	470,455	522,530	396	2,762	464	395	12.2	0.041	9.5
-	-	-	17,586	8,181	258	0	377	248	-	0.369	16.4
1.163	14,040	16,334	15,374	23,146	214	104	207	437	7.2	0.172	23.4
1.200	1,201	1,441	1,150	1,390	100	860	185	77	2.8	0.346	41.8
-----											
1.222	25,297	41,103	31,470	57,272	298	213	295	1,023	8.2	0.153	38.5
0.878	5,264	4,628	4,985	2,769	279	277	279	120	6.9	0.138	21.6
0.970	229,201	222,323	-	18,085	556	0	556	258	11.1	-	5.2
1.870	137,829	256,927	146,871	237,603	330	2,787	435	1,007	10.2	0.134	25.7
1.319	26,949	35,108	49,207	41,827	194	730	231	721	5.7	0.320	34.7
1.370	41,801	55,636	-	73,790	243	121	242	839	6.7	-	38.5
1.792	160,026	288,865	204,001	173,376	224	751	283	542	10.5	0.121	21.3
0.991	549,152	558,641	244,384	178,794	431	4,799	472	240	11.4	0.039	5.7
1.749	117,520	31,369	12,203	20,167	132	668	170	480	5.2	0.134	31.3
1.429	9,163	10,269	8,974	14,451	162	545	196	657	5.3	0.211	41.8
-----											
1.420	19,679	27,944	26,053	16,002	379	519	393	320	9.3	0.125	13.6
1.520	95,411	145,025	148,384	207,625	312	1,021	358	884	11.0	0.142	27.4
0.878	59,957	52,642	85,892	30,542	360	2,625	520	196	10.1	0.142	6.3
-	0	0	0	1,039	77	227	83	38	-	-	23.3
-	0	0	0	10,316	167	19	161	206	-	-	21.3
1.286	42,415	55,005	37,143	82,117	233	1,314	275	797	7.0	0.139	32.2
1.090	907,051	987,965	1,222,621	426,110	423	2,363	484	443	10.9	0.123	10.2
1.750	24,600	43,050	96,515	131,685	347	0	347	1,029	17.2	0.256	32.9
1.410	18,149	34,844	28,478	34,403	330	233	317	637	9.5	0.165	22.3
1.200	31,740	38,088	44,713	38,197	314	3,443	379	796	6.9	0.205	23.3

## ANNUAL STATISTICS FY 85

UTILITY	M OF DATA	COMM # OF CUSTOMERS			KWH GENERATED	KWH SOLD	ELIGIBLE KWH		
		POPULATION	RESID COMRCL	COMM FACIL			RESID & COMRCL	COMM FACIL	TOTAL
Levelock Elec Co-Op	9	110	50	4	63,515	233,798	137,681	30,159	167,840
Hanley Utility Co	9	80	48	1	68,227	160,785	107,394	782	108,176
Hanokotak Natives Ltd	8	280	76	3	318,709	318,709	206,924	30,221	237,145
McGrath L & P	9	513	225	6	2,203,400	1,846,880	615,568	159,891	775,459
Middle Kuskokwim Co-Op									
Chauthbaluk	9	130	38	3	148,891	144,181	49,832	6,812	56,644
Crooked Creek	9	112	30	4	103,293	99,052	52,779	8,317	61,096
Sleetmute	9	85	28	4	69,334	65,155	41,054	3,463	44,517
Stony River	9	70	19	2	57,699	53,617	25,273	1,053	26,326
Naknek Elec Assoc	9	1,275	588	8	8,600,200	8,094,226	2,184,231	34,107	2,218,338
-----									
Nepakiak Ircinraq Power	9	324	80	8	0	343,785	165,119	17,492	182,611
Nepaskiak Inc	9	270	77	4	108,979	73,375	150,534	11,630	162,164
Nelson Lagoon Elec	8	61	26	2	173,563	172,750	106,813	5,345	112,158
Nightmute Power	4	145	31	3	38,831	38,831	35,188	2,399	37,587
Nikolai L & P	9	114	35	7	190,640	190,640	57,532	60,142	117,674
Nome Joint Utilities	9	3,116	1,487	49	16,427,000	14,610,507	5,688,531	1,184,528	6,873,059
North Slope Borough					10,193,674	7,241,358			
Anaktuvuk	9	228	75	1	"	"	288,020	6,650	294,670
Atkasuk	9	229	50	1	"	"	234,656	760	235,416
Kaktovik	9	204	61	1	"	"	261,206	2,260	263,466
-----									
Nuiqsut	9	322	99	1	"	"	411,244	750	411,994
Pt. Hope	9	571	170	3	"	"	724,499	5,990	730,489
Pt. Lay	9	68	44	1	"	"	137,936	5,528	143,464
Wainwright	9	486	141	2	"	"	484,054	10,307	494,361
Northway P & L	9	351	89	4	1,055,347	934,282	255,804	34,550	290,354
Nushagak Elec Co-Op	9	2,128	944	41	8,548,080	8,001,741	3,547,452	274,176	3,821,628
Ouzinkie, City of	9	233	74	4	239,708	292,417	156,909	18,185	175,094
Pedro Bay Vil Council	4	65	22	2	-	20,315	14,983	2,768	17,751
Pelican Utility Co	7	179	117	1	1,649,820	1,434,294	339,861	792	340,653
Perryville, City of	5	124	29	2	800	41,770	39,733	0	39,733
-----									
Pilot Point Vil Council	6	72	30	1	61,766	61,766	61,761	5	61,766
Port Heiden, City of	3	91	39	2	-	-	41,089	0	41,089
Puvuruaq Power Co (Kong.)	9	231	57	61	284,653	284,653	141,073	517	141,590
Rampart Village	5	47	29	3	26,090	30,695	19,546	1,204	20,750
Ruby Elec Co	9	232	115	9	394,757	262,309	187,214	111,567	298,781
Sand Point Elec	9	838	356	16	4,603,200	4,011,032	1,050,318	95,413	1,145,731
Stevens Village Sya	9	93	34	4	71,943	63,790	29,570	8,654	38,224
St. George Elec Utility	9	172	69	3	308,192	453,718	248,306	51,285	299,591
St. Paul Mun. Elec	9	595	137	17	3,229,429	2,320,739	808,545	244,059	1,052,604
Takotna Comm Assoc	9	66	29	4	145,392	-	94,449	30,578	125,027
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Tanana Power Co	9	485	164	12	-	1,326,803	367,965	151,962	519,927
Tatitlek Elec Utility	9	103	32	2	130,599	92,208	106,278	9,750	116,028
Teller Power	1	247	71	2	40,920	28,805	11,233	1,070	12,303
Tenakee Springs Elec	9	147	81	10	216,480	179,873	123,464	30,839	154,303
Tetlin Village Energy	9	107	26	2	83,240	-	38,854	7,183	46,037

ANNUAL STATISTICS FY 85

AVR. FUEL \$/GAL	FUEL CONSUMED GAL	FUEL COST (\$)	OPERATING COSTS (\$)	TOTAL DISBURSEMENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST \$	KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR PCA AMOUNT C/KWH
					RESID COMRCL	COMM FACIL	TOTAL				
1.185	28,640	33,938	83,925	63,555	306	838	345	1,177	8.2	0.359	37.9
1.300	26,052	29,900	4,589	23,123	249	87	245	472	5.5	0.036	21.4
1.290	46,053	54,248	20,452	50,029	340	1,259	375	633	6.9	0.064	21.1
1.734	180,763	312,501	342,844	201,818	304	2,961	373	874	10.2	0.186	26.0
											32.6
1.484	19,675	29,300	23,500	18,782	146	252	154	458	7.3	0.163	"
1.484	13,451	20,041	23,500	19,390	195	231	200	570	7.4	0.237	"
1.484	12,583	18,220	23,500	14,930	163	96	155	467	5.2	0.361	"
1.488	12,138	17,973	23,500	8,404	148	59	139	400	4.4	0.438	"
0.881	788,930	732,993	860,386	328,659	413	474	414	551	10.3	0.125	14.8
-	-	-	-	43,350	229	243	231	515	-	-	24.8
1.534	19,711	33,984	1,770	65,607	217	323	222	810	4.4	0.024	40.5
2.100	13,496	51,287	21,581	38,695	514	334	501	1,382	7.8	0.125	34.5
1.410	9,418	13,280	4,607	6,200	284	200	276	182	4.1	0.119	16.5
1.872	36,815	67,959	28,146	49,127	183	955	311	1,170	5.2	0.164	41.7
1.118	1,213,847	1,349,144	1,208,398	715,890	425	2,686	497	466	12.0	0.083	10.4
	489,785	1,785,734	2,530,348						9.8	0.349	
-	"	"	"	35,276	427	739	431	464	"	"	12.0
-	"	"	"	30,077	521	84	513	590	"	"	12.6
-	"	"	"	28,857	476	251	472	465	"	"	10.9
-	"	"	"	51,456	462	83	458	515	"	"	12.6
-	"	"	"	79,436	474	222	469	459	"	"	10.9
-	"	"	"	17,217	348	614	354	383	"	"	12.0
-	"	"	"	54,191	381	573	384	379	"	"	10.9
1.059	96,940	103,008	113,459	43,553	319	960	347	468	9.6	0.121	15.0
1.010	618,144	624,341	812,141	327,607	418	743	431	333	12.9	0.101	8.6
1.200	42,000	50,436	8,950	30,234	236	505	249	388	7.0	0.031	17.3
1.460	6,245	9,118	4,810	4,374	170	346	185	182	3.3	0.237	24.6
1.026	49,869	51,074	52,474	11,753	415	113	412	100	28.8	0.041	3.5
1.400	11,240	15,736	-	14,931	274	0	256	482	4.8	-	37.6
1.224	12,092	14,800	8,538	15,392	343	1	332	497	5.1	0.138	24.9
1.360	10,346	14,071	1,336	4,725	351	0	334	115	4.0	0.033	11.5
1.993	-	-	95,121	36,083	275	1	133	306	-	0.426	25.5
1.290	6,459	8,553	6,033	8,674	135	80	130	271	4.8	0.197	41.8
1.690	48,894	82,541	110,545	85,001	181	1,377	268	685	5.4	0.421	28.4
0.977	366,660	349,932	34,868	84,652	328	663	342	228	10.9	0.025	7.4
1.457	14,077	20,647	14,624	15,211	97	240	112	400	4.5	0.229	39.8
1.097	68,498	75,141	130,689	67,586	400	1,899	462	939	6.6	0.288	22.6
1.030	246,806	254,211	2,843,331	203,672	656	1,595	759	1,323	9.4	1.225	19.3
1.597	-	-	-	29,270	362	849	421	887	-	-	23.4
1.720	138,147	237,577	297,282	115,126	249	1,407	328	654	9.6	0.224	22.1
1.171	27,124	35,439	1,889	29,155	369	542	379	857	4.3	0.024	25.1
1.390	4,230	5,880	17,184	3,260	158	535	169	45	6.8	0.597	26.5
1.286	23,828	30,626	22,355	50,149	169	343	188	551	7.5	0.124	32.5
1.499	-	-	-	8,029	166	399	183	287	-	-	17.4

ANNUAL STATISTICS FY 85

UTILITY	# OF CUSTOMERS				ELIGIBLE KWH				
	M OF POPUL- DATA	COMM ATION	RESID COMRCL	COMM FACIL	KWH GENERATED	KWH SOLD	RESID & COMRCL	COMM FACIL	TOTAL
Thorne Bay Public Utility	9	393	164	8	1,030,597	918,705	554,055	146,444	700,499
Tlingit Haida REA	9	2,640	852	39	-	5,505,902	3,220,270	1,434,358	4,654,628
Tuntutuliak Comm Serv	9	216	63	3	301,038	291,038	130,882	5,540	136,422
Umjak Power Co (Nikolski)	9	50	31	3	67,567	67,567	53,783	4,063	57,846
Unalakleet Valley Elec	9	787	238	19	2,508,874	2,211,741	873,583	344,220	1,217,803
-----									
Unalaska Elec Utility	9	1,922	333	18	2,659,526	2,333,385	1,175,557	439,083	1,614,640
Unqsrag Power (Newtok)	9	187	42	3	74,961	74,961	67,343	3,115	70,458
White Mountain Utility	2	158	52	13	18,560	16,497	12,994	3,503	16,497
Yakutat Power Inc	9	444	272	15	3,450,244	3,081,957	1,180,935	157,488	1,338,423
<b>TOTAL</b>		<b>59,007</b>	<b>20,967</b>	<b>1,023</b>	<b>150,637,626</b>	<b>160,803,874</b>	<b>64,591,498</b>	<b>11,358,300</b>	<b>75,949,798</b>
<b>WEIGHTED AVERAGE</b>									

FOOTNOTES

1. The KWH SOLD/GAL FUEL calculation for APT (Skagway), Chitina, and Pelican is high because a portion of the KWH'S
2. Kodiak Electric Assoc., which participated in PCA, was not eligible to receive PCE.
3. Because of incomplete FUEL CONSUMED GAL data, adjustments were made to the KWH SOLD/GAL FUEL calculation for the
4. Because of incomplete KWH/SOLD data, adjustments were made to the KWH SOLD/GAL FUEL calculation for the following
5. The following utilities had one or more months of missing KWH GENERATED data; Atmoutluak, Bethel, Diomed, Egegik, Napakiak, Napaskiak, Ouzinkie, Pedro Bay, Perryville, Port Heiden, Rampart, St. George, Tanana, and THREA.
6. Because of incomplete OPERATING COSTS data, adjustments were made to the OP COSTS/KWH calculations for the Hanley, Naknek, Nikolai, Puvurnaq, Sand Point, Tatitlek and Unalakleet.
7. The following utilities purchase power from their respective scholl district; Kokhanok, Koliganek and Napakiak.
8. Refer to the FY 85 "Monthly PCE Statistics Report" for further details.

ANNUAL STATISTICS FY 85

AVR. FUEL \$/GAL	FUEL		OPERATING COSTS (\$)	TOTAL DISBURSE- MENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST \$	KWH SOLD/ GAL FUEL	OP COSTS/ KWH	AVR PCA AMOUNT C/KWH
	CONSUMED GAL	FUEL COST (\$)			RESID COMRCL	COMM FACIL	TOTAL				
1.160	174,511	126,073	131,232	110,318	375	2,034	453	641	5.3	0.143	15.7
-	567,523	544,452	1,082,507	1,052,632	420	4,086	580	1,181	9.7	0.197	22.6
1.360	26,896	38,294	57,590	47,397	231	205	230	718	10.8	0.198	34.7
1.407	9,300	13,507	16,065	19,379	193	150	189	570	7.3	0.238	33.5
1.124	178,758	204,106	248,122	105,508	408	2,013	527	411	12.4	0.202	8.7
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1.024	183,684	198,577	450,937	268,045	392	2,710	511	764	12.7	0.193	16.6
1.457	10,385	13,808	13,338	17,354	178	115	174	386	7.2	0.178	24.6
1.230	5,668	6,972	2,281	5,527	125	135	127	85	2.9	0.138	33.5
1.042	249,010	263,976	108,219	76,237	482	1,167	518	266	12.4	0.035	5.7
1.339	14,861,722	18,706,253	20,179,674	11,811,437	283	905	314	537	10.6	0.154	15.6
1.158					374	2,181	422				

are generated from hydropower.

following utilities; Cheforak, INNEC, Ipnatchiaq, Manley, Nelson Lagoon and North Slope Borough.

utilities; Aniak, Kotlik, Napaskiak, Perryville, Port Heiden and Tatitlek.

, False Pass, G & K, Hughes, Igiugig, Kokhanok, Koliganek, Kwethluk, Levelock, Manley, Mid Kusk (Stony River), Naknek,

following utilities; Akaiachak, AK Power & Telephone, Atmaultuak, Chitina, Eagle, Galena, INNEC, Igiugig, Kwethluk,

POWER COST ASSISTANCE  
ANNUAL STATISTICS  
FY 85

UTILITY	M OF DATA	COMM POPUL- ATION	# OF CUSTOMERS		AVR FUEL \$/GAL	KWH GENERATED	KWH SOLD
			RESID COMRCL	COMM FACIL			
Akiachak Ltd	2	451	88	8	1.890	58,917	-
Alaska Power & Telephone Craig	3	806	383	6	0.979	1,079,028	-
Hydaburg	3	429	141	4	0.921	278,400	-
Tok	3	648	375	1	0.990	1,854,020	-
Alaska Village Elec Co-Op	3	15,838	4,173	322	1.610	6,317,737	-
Andreanof Elec (Atka)	3	93	38	6	1.450	69,938	-
Aniak L & P	3	173	173	0	1.662	330,360	-
Atmoutluak Utilities	3	236	58	1	1.437	60,270	-
Bethel Utility Corp	3	3,681	1,636	0	1.265	5,853,201	-
Bettles L & P	3	94	46	0	1.865	141,600	-
Chefornak Elec Co	2	254	48	3	1.558	33,850	-
Chignik Elec	1	124	45	1	1.200	30,439	-
Chitina Elec Inc	3	50	29	0	1.050	29,837	-
Circle Elec Utility	2	81	25	1	1.085	18,344	-
Cordova Elec Co-Op	3	2,241	1,288	33	0.935	5,034,910	-
Eagle Power Co	3	142	56	3	1.190	33,317	-
Egegik L & P	3	75	54	1	1.279	96,830	-
Galena, City of	3	833	215	8	1.828	346,336	-
Golovin Power Utility	3	112	54	3	1.761	31,921	-
Gustavus Elec Co	3	150	74	0	1.370	50,727	-
Gwitchyaa Zhee (Ft Yukon)	3	643	254	11	1.800	540,600	-
Haines L & P	3	1,017	723	7	0.978	2,051,038	-
Hughes P & L	3	105	39	2	-	-	-
Igiugig Vil Council	3	33	18	2	1.429	7,811	-
INN Elec Co-Op (Iliamna)	3	416	174	12	1.520	349,200	-
Kodiak Elec Assoc Port Lions	3	211	114	16	1.320	157,500	-
Kotlik Elec Svs	3	347	100	4	-	88,969	-
Kotzebue Elec Assoc	3	2,526	914	30	1.184	3,308,500	-
Kwethluk, Inc	3	550	122	0	1.750	-	-
Kwig Power Co	3	354	47	9	1.580	49,598	-
Larsen Bay Utility	2	180	45	1	1.200	34,096	-
Levelock Elec Co-Op	3	110	47	4	1.410	33,551	-
Manley Utility Co	3	46	46	0	1.327	41,406	-
Manokotak Natives Ltd	3	280	74	3	1.440	80,063	-
McGrath L & P	3	497	219	7	1.785	489,758	-
Mid Kuskokwim Co-Op	3	386	113	11	1.490	91,214	-
Naknek Elec Assoc	3	1,008	590	9	1.171	-	-
Napakiak Ircinraq Power	3	306	77	7	1.390	531,450	-
Napaskiak Inc	2	273	71	3	1.420	32,121	-
Nelson Lagoon Elec	3	62	25	2	2.100	53,593	-
Nikolai L & P	3	110	35	6	1.850	58,845	-
Nome Joint Utilities	3	3,039	1,427	50	1.100	4,569,400	-
North Slope Borough	3	2,107	618	9	-	2,690,055	-

RESID & COMRCL	ELIGIBLE KWH		TOTAL DISBURSEMENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/CUST (\$)	AVR PCA AMOUNT C/KWH
	COMM FACIL	TOTAL		RESID COMRCL	COMM FACIL	TOTAL		
35,467	9,000	44,467	4,647	202	563	232	48	10.4
394,973	31,818	426,791	6,026	344	1,768	366	15	1.4
152,166	9,972	162,138	8,779	360	831	373	61	5.4
395,763	1,118	396,881	6,727	352	373	352	18	1.7
2,690,757	675,385	3,366,142	739,351	215	699	250	164	22.0
36,195	15,180	51,375	13,542	318	843	389	308	26.4
168,661	0	168,661	34,640	325	0	325	200	20.5
59,560	710	60,270	17,177	342	237	341	291	28.5
1,544,656	0	1,544,656	25,156	315	0	315	15	1.6
44,131	0	44,131	12,577	320	0	320	273	28.5
31,510	1,940	33,450	3,302	328	323	328	65	9.9
16,331	3,554	19,885	2,247	363	3,554	432	49	11.3
24,383	0	24,383	6,303	280	0	280	217	25.9
13,487	1,260	14,747	2,100	270	630	284	81	14.2
1,286,363	179,521	1,465,884	45,905	333	1,813	370	35	3.1
29,684	871	30,555	6,096	177	97	173	103	19.9
42,999	650	43,649	11,354	265	217	265	206	26.0
181,801	59,693	241,494	55,350	282	2,487	361	248	22.9
21,509	4,471	25,980	7,404	133	497	152	130	28.5
53,051	0	53,051	15,120	239	0	239	204	28.5
159,855	73,061	232,916	41,156	210	2,214	293	155	17.7
800,022	90,241	890,263	3,383	369	4,297	407	5	0.4
14,331	2,375	16,706	4,061	122	396	136	99	24.3
4,515	3,249	7,764	2,110	84	542	129	106	27.2
141,152	29,719	170,871	41,804	270	826	306	225	24.5
93,761	12,972	106,733	30,419	274	270	274	234	28.5
64,113	15,951	80,064	22,818	214	1,329	257	219	28.5
864,837	223,087	1,087,924	56,629	315	2,479	384	60	5.2
98,852	0	98,852	22,973	270	0	270	188	23.2
44,504	3,014	47,518	3,787	316	112	283	68	8.0
20,392	4,393	24,785	4,469	227	2,197	269	97	18.0
20,044	7,317	27,361	7,798	142	610	179	153	28.5
31,192	0	31,192	4,910	226	0	226	107	15.7
56,099	3,450	59,549	8,885	253	383	258	115	14.9
165,637	36,583	202,220	32,375	252	1,742	298	143	16.0
47,722	3,269	50,991	13,324	141	99	137	107	26.1
623,711	8,724	632,435	52,872	352	323	352	88	8.4
50,689	1,816	52,505	8,007	219	86	208	95	15.2
30,101	2,020	32,121	9,154	212	337	217	124	28.5
37,660	901	38,561	7,145	502	150	476	265	18.5
17,353	12,152	29,505	7,823	165	675	240	191	26.5
1,493,142	265,523	1,758,665	98,908	349	1,770	397	67	5.6
846,104	237,447	1,083,551	33,843	456	8,794	576	54	3.1

## ANNUAL STATISTICS FY 85

UTILITY	M OF DATA	COMM POPULATION	# OF CUSTOMERS		AVR FUEL \$/GAL	KWH GENERATED	KWH SOLD
			RESID COMRCL	COMM FACIL			
Northway P & L	3	350	92	2	0.998	220,725	-
Nushagak Elec Co-Op	3	2,150	885	43	1.040	2,880,600	-
Ouzinkie, City of	3	233	73	4	1.200	62,075	-
Pelican Utility Co	3	165	117	1	1.010	852,388	-
Puvurnaq Power Co (Kong.)	3	230	52	60	1.539	69,604	-
-----							
Ruby Elec Co	3	233	109	9	1.690	112,944	-
Sand Point Elec	3	797	357	17	0.950	1,933,440	-
Stevens Village Sys	3	96	34	4	1.320	11,070	-
St. Paul Mun. Elec	1	595	137	17	1.030	273,600	-
Takotna Comm Assoc	3	83	33	4	1.590	19,313	-
Tanana Power Co	3	485	166	12	1.680	383,018	-
Tatitlek Elec Utility	3	103	32	2	-	25,366	-
Tenakee Springs Elec	3	148	84	8	1.280	50,080	-
Tetlin Village Energy	3	107	26	2	1.499	19,316	-
Thorne Bay Public Utility	2	320	142	8	1.300	174,671	-
-----							
Tlingit Haida REA	3	2,636	824	39	-	1,658,799	-
Tuntutuliak Comm Serv	3	216	63	3	1.460	72,410	-
Umnak Power Co (Nikolski)	3	50	30	2	2.340	19,147	-
Unalakleet Valley Elec	3	787	238	18	1.132	732,048	-
Unalaska Elec Utility	3	1,922	349	15	1.043	807,907	-
Yakutat Power Inc	3	442	264	14	1.055	1,207,400	-
-----							
TOTAL	-	53,265	18,998	890	1.362	48,598,671	-
WEIGHTED AVERAGE					1.209		
WEIGHTED AVERAGE WITHOUT KEA					1.208		

## FOOTNOTES

1. The PCE program supplanted the PCA program, effective October 20, 1984.
2. The following utilities had one or more months of missing KWH GENERATED data; Bettles,
3. Refer to the FY 85 "Monthly PCE Statistics Report" for further details.

ANNUAL STATISTICS FY 85

ELIGIBLE KWH			TOTAL	ELIGIBLE KWH/M			AVR ANN	AVR PCA
RESID & COMRCL	COMM FACIL	TOTAL	DISBURSE- MENTS (\$)	RESID COMRCL	COMM FACIL	TOTAL	DISBUR/ CUST (\$)	AMOUNT C/KWH
65,231	1,491	66,722	6,519	236	249	237	69	9.8
994,747	98,390	1,093,137	47,873	375	763	393	52	4.4
42,903	5,569	48,472	6,704	196	464	210	87	13.8
125,388	506	125,894	4,066	357	169	356	34	3.2
41,270	180	41,450	10,183	265	1	123	91	24.6
-----								
53,488	10,262	63,750	13,936	164	380	180	118	21.9
255,234	18,682	273,916	2,219	238	366	244	6	0.8
6,022	941	6,963	1,984	59	78	61	52	28.5
88,575	13,842	102,417	12,587	647	814	665	82	12.3
12,987	4,795	17,782	3,068	131	400	160	83	17.3
109,071	34,892	143,963	19,565	219	969	270	110	13.6
25,557	979	26,536	4,994	266	163	260	147	18.8
31,220	5,739	36,959	9,938	124	239	134	108	26.9
9,416	2,758	12,174	2,123	121	460	145	76	17.4
91,534	16,250	107,784	18,593	322	1,016	359	124	17.2
-----								
860,393	357,368	1,217,761	192,491	348	3,054	470	223	15.8
36,632	2,372	39,004	10,136	194	264	197	154	26.0
14,272	1,403	15,675	4,021	159	234	163	126	25.6
250,815	75,664	326,479	22,090	351	1,401	425	86	6.8
364,036	112,276	476,312	47,917	348	2,495	436	132	10.1
327,502	51,006	378,508	5,968	414	1,214	454	21	1.6
-----								
16,755,528	2,847,772	19,603,300	1,989,431	269	1,067	292	100	10.1
				317	2,225	356		
				317	2,308	359		

Circle, Gustavus, Hughes, Kwethluk, and Maknek.

POWER COST ASSISTANCE/EQUALIZATION  
COMBINED ANNUAL STATISTICS  
FY 85

UTILITY	M OF DATA	# OF CUSTOMERS			ELIGIBLE KWH		
		COMM POPUL- ATION	RESID COMRCL	COMM FACIL	RESID & COMRCL	COMM FACIL	TOTAL
Akiachak Ltd	11	451	92	1	273,433	12,248	285,681
Akiak City Council	4	250	60	1	53,542	1,758	55,300
Akutan Electric	3	189	32	5	33,790	3,462	37,252
Alaska Power & Telephone							
Craig	12	907	451	9	1,947,783	212,194	2,159,977
Hydaburg	12	429	161	2	646,625	50,602	697,227
Skagway	12	790	442	11	1,849,974	193,427	2,043,401
Tok	9	649	445	1	1,614,221	10,918	1,625,139
Alaska Village Elec Co-Op	12	15,910	4,289	340	12,310,545	3,433,709	15,744,254
Allakaket Energy Systems	6	175	53	8	23,251	11,595	34,846
Andreanof Elec (Atka)	12	93	35	6	161,442	60,673	222,115
Aniak L & P	12	409	173	0	807,606	0	807,606
Atmautluak Joint Utility	12	238	60	1	222,536	3,930	226,466
Beaver Elec	4	62	43	2	15,333	5,138	20,471
Bethel Utility Corp	12	3,681	1,624	0	7,238,987	0	7,238,987
Bettles L & P	12	94	48	0	221,415	0	221,415
Chalkyitsik Systems	1	110	38	2	3,878	723	4,601
Chefornak Elec Co	11	271	61	3	199,171	12,810	211,981
Chignik Elec	10	124	48	2	155,075	11,569	166,644
Chitina Elec Inc	12	49	31	2	101,051	2,638	103,689
Circle Elec Utility	2	81	25	1	13,487	1,260	14,747
Cordova Elec Co-Op	12	2,425	1,284	38	5,858,716	1,123,959	6,982,675
Diomedea City Council	4	154	33	0	34,078	15,666	49,744
Eagle Power Co	12	142	50	3	125,800	3,671	129,471
Eagle Village	1	70	16	2	1,606	1,719	3,325
Egegik L & P	12	78	54	2	187,848	4,486	192,334
False Pass Elec Assoc	2	75	21	2	11,726	1,107	12,833
G & K, Inc. (Cold Bay)	9	198	70	0	350,344	0	350,344
Galena, City of	12	900	226	10	853,999	310,485	1,164,484
Golovin Power Utility	12	113	54	4	115,696	30,755	146,451
Gustavus Elec Co	12	129	87	1	243,624	1,088	244,712
Gwitchyaa Zhee (Ft Yukon)	12	643	284	36	731,590	316,445	1,048,035
Haines L & P	12	1,024	737	7	3,657,523	392,600	4,050,123
Hughes P & L	12	98	39	3	60,630	20,412	81,042
Igiugig Vil Council	11	33	20	2	30,363	11,972	42,335
Ipnachiaq Co (Deering)	6	158	45	5	102,288	15,571	117,859
INN Elec Co-Op (Iliamna)	12	427	220	15	759,742	167,590	927,332
Kodiak Elec Assoc							
Port Lions	3	211	114	16	93,761	12,972	106,733
King Cove, City of	6	521	145	11	313,066	173,272	486,338
Kokhanok Vil Council	2	130	26	1	4,010	453	4,463
Koliganek Vil Council	6	175	48	2	48,162	225	48,387
Kotlik Elec Svs	12	413	99	4	272,086	63,237	335,323
Kotzebue Elec Assoc	12	2,978	932	30	4,415,513	861,153	5,276,666
Kwethluk, Inc	12	512	128	0	498,873	0	498,873

KWH GENERATED	AVR. FUEL \$/GAL	TOTAL DISBURSE- MENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST \$	AVR PCA AMOUNT C/KWH
			RESID COMRCL	COMM FACIL	TOTAL		
375,350	1.890	46,859	270	1,113	279	504	16.4
55,301	1.390	9,993	223	440	227	164	18.1
41,796	1.106	5,402	352	231	336	146	14.5
701,388	0.984	97,474	360	1,965	391	212	4.5
311,810	0.926	59,077	335	2,108	356	362	8.5
275,042	1.027	62,065	349	1,465	376	137	3.0
50,900	1.025	137,443	403	1,211	405	308	8.5
11,091	1.403	4,202,454	239	842	283	908	28.0
1,618	1.897	14,566	73	242	95	239	41.8
-----							
294,721	1.408	56,633	384	843	451	1,381	25.5
1,635,970	1.568	204,088	389	0	389	1,180	25.3
321,554	1.397	73,965	309	328	309	1,213	32.7
36,233	1.400	7,525	89	642	114	167	36.8
-	1.251	355,551	371	0	371	219	4.9
913,200	1.775	17,100	384	0	384	1,606	34.8
11,295	1.550	1,882	102	362	115	47	40.9
216,698	1.555	34,009	297	388	301	531	16.0
276,315	1.091	27,886	323	578	333	558	16.7
113,907	1.067	29,622	272	110	262	898	28.6
-----							
18,344	1.085	2,100	270	630	284	81	14.2
17,374,708	0.935	568,435	380	2,465	440	430	8.1
-	-	8,181	258	0	377	248	16.4
133,796	1.170	29,242	210	102	204	552	22.6
3,750	1.200	1,390	100	860	185	77	41.8
-	1.236	68,626	290	187	286	1,225	35.7
-	0.878	2,769	279	277	279	120	21.6
-	0.970	18,085	556	0	556	258	5.2
1,754,656	1.862	292,953	315	2,587	411	1,241	25.2
185,837	1.395	49,231	179	641	210	849	33.6
-----							
366,567	1.370	88,909	233	91	232	1,010	36.3
2,623,800	1.793	214,532	215	733	273	670	20.5
8,871,838	0.988	182,177	414	4,674	454	245	4.5
-	1.429	24,229	130	567	161	577	29.9
14,578	1.429	16,561	138	544	175	753	39.1
208,968	1.420	16,002	379	519	393	320	13.6
1,707,600	1.520	249,430	288	931	329	1,061	26.9
-----							
157,500	1.320	30,419	274	270	274	234	28.5
712,480	0.878	30,542	360	2,625	520	196	6.3
-----							
0	-	1,039	77	227	83	38	23.3
0	-	10,316	167	19	161	206	21.3
355,633	1.286	104,935	229	1,317	271	1,019	31.3
15,435,900	1.110	482,738	395	2,392	457	502	9.1
-	1.750	154,658	325	0	325	1,208	31.0

COMBINED ANNUAL STATISTICS FY 85

UTILITY	M OF DATA	COMM POPULATION	# OF CUSTOMERS		ELIGIBLE KWH		TOTAL
			RESID COMRCL	COMM FACIL	RESID & COMRCL	COMM FACIL	
Kwig Power Co	12	354	47	7	184,070	17,680	201,750
Larsen Bay Utility	11	180	47	1	153,143	35,376	188,519
Levelock Elec Co-Op	12	110	50	4	157,725	37,476	195,201
Manley Utility Co	12	80	48	1	128,586	782	139,368
Manokotak Natives Ltd	11	280	76	3	263,023	33,671	296,694
McGrath L & P	12	513	225	6	781,205	196,474	977,679
Middle Kuskokwim Co-Op	12	397	115	13	216,660	22,914	239,574
Naknek Elec Assoc	12	1,275	588	8	2,807,942	42,831	2,850,773
Napaklak Ircinraq Power	12	324	80	8	215,808	19,308	235,116
Napaskiak Inc	11	270	77	4	180,635	13,650	194,285
Nelson Lagoon Elec	11	61	26	2	144,473	6,246	150,719
Nightmute Power	4	145	31	3	35,188	2,399	37,587
Nikolai L & P	12	114	35	7	74,885	72,294	147,179
Nome Joint Utilities	12	3,116	1,487	49	7,181,673	1,450,051	8,631,724
North Slope Borough	12	2,108	640	10	3,387,719	269,692	3,657,411
Northway P & L	12	351	89	4	321,035	36,041	357,076
Nushagak Elec Co-Op	12	2,128	944	41	4,542,199	372,566	4,914,765
Ouzinkie, City of	12	233	74	4	199,812	23,754	223,566
Pedro Bay Vil Council	4	65	22	2	14,983	2,768	17,751
Pelican Utility Co	10	179	117	1	465,249	1,298	466,547
Perryville, City of	5	124	29	2	39,733	0	39,733
Pilot Point Vil Council	6	72	30	1	61,761	5	61,766
Port Heiden, City of	3	91	39	2	41,089	0	41,089
Puvurnaq Power Co (Kong.)	12	231	57	61	182,343	697	183,040
Rampart Village	5	47	29	3	19,546	1,204	20,750
Ruby Elec Co	12	232	115	9	240,702	121,829	362,531
Sand Point Elec	12	838	356	16	1,305,552	114,095	1,419,647
Stevens Village Sys	12	93	34	4	35,592	9,595	45,187
St. George Elec Utility	9	172	69	3	248,306	51,285	299,591
St. Paul Mun. Elec	10	595	137	17	897,120	257,901	1,155,021
Takotna Comm Assoc	12	66	29	4	107,436	35,373	142,809
Tanana Power Co	12	485	164	12	477,036	186,854	663,890
Tatitlek Elec Utility	12	103	32	2	131,835	10,729	142,564
Teller Power	1	247	71	2	11,233	1,070	12,303
Tenakee Springs Elec	12	147	81	10	154,684	36,578	191,262
Tetlin Village Energy	12	107	26	2	48,270	9,941	58,211
Thorne Bay Public Utility	11	393	164	8	645,589	162,694	808,283
Tlingit Haida REA	12	2,640	852	39	4,080,663	1,791,726	5,872,389
Tuntutuliak Comm Serv	12	216	63	3	167,514	7,912	175,426
Umnak Power Co (Nikolski)	12	50	31	3	68,055	5,466	73,521
Unalakleet Valley Elec	12	787	238	19	1,124,398	419,884	1,544,282
Unalaska Elec Utility	12	1,922	333	18	1,539,593	551,359	2,090,952
Unqsrq Power (Newtok)	9	187	42	3	67,343	3,115	70,458

COMBINED ANNUAL STATISTICS FY 85

KWH GENERATED	AVR.	TOTAL	ELIGIBLE KWH/M			AVR ANN	AVR PCA
	FUEL \$/GAL	DISBURSE- MENTS (\$)	RESID COMRCL	COMM FACIL	TOTAL	DISBUR/ CUST \$	AMOUNT C/KWH
224,225	1.448	38,190	326	210	311	707	18.9
252,727	1.200	42,665	296	3,216	357	889	22.6
97,066	1.263	71,353	263	781	301	1,321	36.6
109,633	1.310	28,033	241	65	237	572	20.1
398,772	1.320	58,913	315	1,020	341	746	19.9
-----							
2,693,158	1.744	234,193	289	2,729	353	1,014	24.0
470,431	1.490	74,831	157	147	156	585	32.6
-	0.954	381,531	398	446	399	640	13.4
531,450	1.390	53,357	225	201	223	606	22.7
141,100	1.508	74,761	213	310	218	923	38.5
227,156	2.100	45,840	505	234	489	1,637	30.4
38,831	1.410	6,200	284	200	276	182	16.5
249,485	1.867	56,950	178	861	292	1,356	38.7
20,996,400	1.114	814,798	402	2,466	468	530	9.4
12,883,729	-	330,354	441	2,247	469	508	9.0
-----							
1,276,072	1.048	50,071	301	751	320	538	14.0
11,428,680	1.018	375,480	401	757	416	381	7.6
301,783	1.200	36,937	225	495	239	474	16.5
-	1.020	4,374	170	346	185	182	24.6
2,502,208	1.021	15,820	398	130	395	134	3.4
800	1.400	14,931	274	0	256	482	37.6
61,766	1.224	15,392	343	1	332	497	24.9
-	1.880	4,725	351	0	334	115	11.5
354,257	1.904	46,265	267	1	129	392	25.3
26,090	1.290	8,674	135	80	130	271	41.8
-----							
507,701	1.690	98,937	174	1,128	244	798	27.3
6,536,640	0.969	86,871	306	594	318	234	6.1
83,013	1.438	17,195	87	200	99	453	38.1
308,192	1.097	67,586	400	1,899	462	939	22.6
3,503,029	1.030	216,259	655	1,517	750	1,404	18.7
164,705	1.596	32,339	309	737	361	980	22.6
-	1.710	134,691	242	1,298	314	765	20.3
159,965	1.171	34,149	343	447	349	1,004	24.0
40,920	1.390	3,260	158	535	169	45	26.5
266,560	1.285	60,087	159	305	175	660	31.4
-----							
102,556	1.499	10,152	155	414	173	363	17.4
1,205,268	1.180	128,911	358	1,849	427	749	15.9
-	-	1,245,123	399	3,828	549	1,397	21.2
373,448	1.379	57,533	222	220	221	872	32.0
86,714	1.613	23,399	183	152	180	688	31.8
3,240,922	1.126	127,598	394	1,842	501	496	8.3
3,467,433	1.029	315,962	385	2,553	496	900	15.1
74,961	1.457	17,354	178	115	174	386	24.6

COMBINED ANNUAL STATISTICS FY 85

UTILITY	M OF DATA	# OF CUSTOMERS			ELIGIBLE KWH		
		COMM POPUL- ATION	RESID COMRCL	COMM FACIL	RESID & COMRCL	COMM FACIL	TOTAL
White Mountain Utility	2	158	52	13	12,994	3,503	16,497
Yakutat Power Inc	12	444	272	15	1,508,437	208,494	1,716,931
TOTAL	-	59,299	21,106	1,040	81,347,026	14,206,072	95,553,098
WEIGHTED AVERAGE							

FOOTNOTES

1. The PCA program was in effect from July 1 through October 20, 1984. The PCE program was in
2. A blank is used for KWH GENERATED if this data is missing from either the PCA or PCE

COMBINED ANNUAL STATISTICS FY 85

KWH GENERATED	AVR.	TOTAL	ELIGIBLE KWH/M			AVR ANN	AVR PCA
	FUEL \$/GAL	DISBURSE- MENTS (\$)	RESID COMRCL	COMM FACIL	TOTAL	DISBUR/ CUST \$	AMOUNT C/KWH
18,560	1.230	5,527	125	135	127	85	33.5
4,657,644	1.046	82,205	462	1,158	499	286	4.8
182,222,194	1.335	13,800,868	285	927	311	623	14.4
	1.172		357	1,980	402		

effect during the rest of FY 85.  
statistics of a utility.

POWER COST ASSISTANCE  
ANNUAL STATISTICS  
FY 84

UTILITY	M OF DATA	COMM POPUL- ATION	# OF CUSTOMERS		AVR FUEL \$/GAL	KWH GENERATED	KWH SOLD
			RESID COMRCL	COMM FACIL			
Akiachak Ltd	12	422	86	7	1.884	340,229	-
Alaska Power & Telephone Craig	6	907	360	7	1.002	2,188,741	-
Hydaburg	6	429	141	4	0.899	651,266	-
Tok	6	773	371	2	1.047	3,797,210	-
Alaska Village Elec Co-Op	12	14,860	4,084	308	1.610	29,406,798	-
Andreanof Elec (Atka)	11	92	28	6	1.491	205,177	-
Aniak L & P	3	178	178	0	2.028	342,846	-
Atmutluak Utilities	12	236	57	1	1.437	167,294	-
Bethel Utility Corp	12	3,648	1,641	0	1.270	24,179,872	-
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Bettles L & P	11	94	36	0	1.670	946,400	-
Chefornak Elec Co	12	248	48	3	1.558	202,880	-
Chitina Elec Inc	2	46	26	4	1.075	14,024	-
Circle Elec Utility	12	81	24	1	1.059	241,870	-
Cordova Elec Co-Op	12	2,241	1,184	28	0.935	14,479,376	-
Eagle Power Co	12	142	52	3	1.187	84,973	-
Egegik L & P	12	61	47	1	1.340	325,043	-
G & K, Inc (Cold Bay)	12	192	66	0	1.150	2,807,368	-
Galena, City of	12	800	208	8	1.774	1,472,063	-
Golovin Power Utility	11	112	52	1	1.761	131,983	-
-----							
Gustavus Elec Co	10	150	47	0	1.370	234,170	-
Gwitchyaa Zhee (Ft Yukon)	12	638	254	29	1.786	2,356,088	-
Haines L & P	12	1,017	696	7	0.992	7,493,360	-
Hughes P & L	11	104	38	2	1.982	-	-
Iglugig Vil Council	6	33	15	2	1.429	13,862	-
INW Elec Co-Op (Iliamna)	12	410	146	11	1.774	1,188,693	-
Kodiak Elec Assoc							
Kodiak	12	4,678	3,531	84	0.909	64,647,900	-
Port Lions	12	211	114	11	1.348	677,480	-
Kotlik Elec Svs	12	347	93	4	-	141,088	-
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Kotzebue Elec Assoc	10	2,526	895	32	1.222	11,894,309	-
Kwethluk, Inc	8	550	122	0	1.788	-	-
Kwig Power Co	3	354	46	9	1.580	39,632	-
Levelock Elec Co-Op	12	110	40	4	1.410	212,092	-
Manley Utility Co	11	422	41	0	1.350	153,607	-
Manokotak Natives Ltd	11	280	73	3	1.437	403,625	-
McGrath L & P	12	497	222	7	1.591	2,398,067	-
Mid Kuskokwim Co-Op	12	381	109	10	1.516	372,865	-
Naknek Elec Assoc	12	1,008	548	9	1.171	3,743,320	-
Napaklak Incinraq Power	12	294	70	9	1.401	470,790	-
-----							
Napaskiak Inc	11	257	66	3	1.422	208,044	-
Nelson Lagoon Elec	12	65	25	1	2.100	213,899	-
Nikolai L & P	12	110	36	4	1.900	144,000	-
Nome Joint Utilities	12	3,039	1,394	48	1.197	19,880,100	-
North Slope Borough	12	2,082	523	110	-	8,429,440	-

RESID & COMRCL	ELIGIBLE KWH		TOTAL DISBURSE- MENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST (\$)	AVR PCA AMOUNT C/KWH
	COMM FACIL	TOTAL		RESID COMRCL	COMM FACIL	TOTAL		
45,994	205,105	251,099	28,805	45	2,442	225	310	11.5
807,904	112,622	920,526	22,548	374	2,681	418	61	2.4
322,136	36,624	358,760	25,408	381	1,526	412	175	7.1
847,310	5,110	852,420	29,644	381	426	381	79	3.5
11,081,446	3,057,351	14,138,797	3,325,848	226	827	268	757	23.5
94,059	52,878	146,937	40,128	305	801	393	1,180	27.3
149,731	0	149,731	41,745	280	0	280	235	27.9
172,459	3,750	176,209	34,147	252	313	253	589	19.4
6,627,773	0	6,627,773	160,580	337	0	337	98	2.4
153,457	0	153,457	45,193	388	0	388	1,255	29.4
190,130	9,069	199,199	21,553	330	252	325	423	10.8
12,372	0	12,372	2,468	238	0	206	82	20.0
76,744	6,930	83,674	12,710	266	578	279	508	15.2
5,245,474	810,334	6,055,808	230,386	369	2,412	416	190	3.8
95,520	3,520	99,040	20,698	153	98	150	376	20.9
134,472	2,137	136,609	34,718	238	178	237	723	25.4
337,567	0	337,567	10,363	426	0	426	157	3.1
737,187	270,373	1,007,560	221,190	295	2,816	389	1,024	22.0
91,110	14,951	106,061	31,083	159	1,359	182	586	29.3
133,593	0	133,593	39,343	284	0	284	837	29.4
634,052	208,180	842,232	153,256	208	598	248	542	18.2
3,219,054	375,995	3,595,049	38,487	385	4,476	426	55	1.1
48,210	20,868	69,078	9,815	115	949	157	245	14.2
7,772	5,105	12,877	3,792	86	425	126	223	29.4
480,510	127,372	607,882	148,223	274	965	323	944	24.4
16,929,143	3,087,419	20,016,562	70,233	400	3,063	461	19	0.4
409,428	62,132	471,560	138,874	299	471	314	1,111	29.5
219,080	54,763	273,843	80,550	196	1,141	235	830	29.4
3,167,999	622,555	3,790,554	354,520	354	1,945	409	382	9.4
535,386	0	535,386	81,379	549	0	549	667	15.2
34,336	3,545	37,881	3,379	249	131	230	61	8.9
98,018	40,771	138,789	40,873	204	849	263	929	29.4
109,089	0	109,089	18,207	242	0	242	444	16.7
245,066	31,320	276,386	43,862	305	949	331	577	15.9
761,320	182,725	944,045	133,717	286	2,175	344	584	14.2
170,382	8,271	178,653	48,379	130	69	125	407	27.1
2,344,880	25,128	2,370,008	220,648	357	233	355	396	9.3
247,544	23,445	270,989	41,394	295	217	286	524	15.3
156,375	8,850	165,225	48,659	215	268	218	705	29.5
165,057	2,704	167,761	32,680	550	225	538	1,257	19.5
75,097	55,822	130,919	38,556	174	1,163	273	964	29.4
6,297,645	1,401,607	7,699,252	404,980	376	2,433	445	281	5.3
2,220,145	1,257,559	3,477,704	265,017	354	953	458	419	7.6

ANNUAL STATISTICS FY 84

UTILITY	M OF DATA	COMM POPULATION		# OF CUSTOMERS		AVR FUEL \$/GAL	KWH GENERATED	KWH SOLD
		ATION		RESID COMRCL	COMM FACIL			
Northway P & L	12	348	87	2		0.992	1,125,279	-
Nushagak Elec Co-Op	12	2,129	842	44		1.148	11,457,230	-
Ouzinkie, City of	12	233	69	4		1.245	338,188	-
Pelican Utility Co	12	169	114	1		1.032	2,051,629	-
Puvurnaq Power Co (Kong.)	12	230	55	2		1.539	352,434	-
-----								
Ruby Elec Co	12	224	102	7		1.690	431,027	-
Sand Point Elec	12	832	357	15		0.967	4,748,529	-
Stevens Village Sys	1	96	34	4		1.320	5,010	-
Takotna Comm Assoc	12	83	33	4		1.588	86,037	-
Tanana Power Co	12	488	166	10		1.678	1,637,426	-
Tatitlek Elec Utility	12	103	32	2		1.123	130,632	-
Tenakee Springs Elec	6	142	83	8		1.273	78,640	-
Tetlin Village Energy	12	107	26	2		1.427	109,977	-
Thorne Bay Pubic Utility	12	320	124	6		1.300	1,095,085	-
Tlingit Haida REA	12	2,092	792	41		1.179	6,895,267	-
-----								
Tuntutuliak Comm Serv	12	216	63	3		1.460	231,718	-
Umnak Power Co (Nikolski)	1	50	32	1		2.810	7,000	-
Unalakleet Valley Elec	12	790	230	17		1.367	3,168,198	-
Unalaska Elec Utility	12	1,922	335	14		1.081	3,385,378	-
Unqasarag Power (Hewtok)	3	183	36	2		2.330	16,222	-
Yakutat Power Inc	12	442	257	13		1.062	4,639,875	-
-----								
FY 84 TOTAL	-	56,324	21,702	985		1.382	249,292,625	-
WEIGHTED AVERAGE						1.170		
WEIGHTED AVERAGE WITHOUT KEA						1.265		

FOOTNOTES

1. The following utilities had one or more months of missing KWH GENERATED data; Andreanof, Sand Point, Takotna, Tatitlek, and Tenakee.
2. Refer to the FY 84 "Monthly Statistics PCE Report" for further details.

ANNUAL STATISTICS FY 84

ELIGIBLE KWH			TOTAL	ELIGIBLE KWH/M			AVR ANN	AVR PCA
RESID & COMRCL	COMM FACIL	TOTAL	DISBURSEMENTS (\$)	RESID COMRCL	COMM FACIL	TOTAL	DISBUR/CUST (\$)	AMOUNT C/KWH
276,216	11,469	287,685	30,955	265	478	269	348	10.8
3,964,586	451,364	4,415,950	287,782	392	855	415	325	6.5
305,005	33,173	338,178	76,967	368	691	386	1,054	22.8
503,741	4,105	507,846	21,330	368	342	368	185	4.2
171,599	709	172,308	19,175	260	30	252	336	11.1
-----								
228,205	31,827	260,032	45,018	186	379	199	413	17.3
1,056,044	128,158	1,184,202	24,740	247	712	265	67	2.1
2,052	886	2,938	865	60	222	77	23	29.4
65,495	33,280	98,775	16,506	165	693	222	446	16.7
432,209	164,487	596,696	87,515	217	1,371	283	497	14.7
98,705	5,066	103,771	17,129	257	211	254	504	16.5
54,720	11,466	66,186	18,375	110	239	121	202	27.8
38,791	11,916	50,707	9,754	124	497	151	348	19.2
547,547	125,124	672,671	101,526	368	1,738	431	781	15.1
3,529,123	1,271,225	4,800,348	813,423	371	2,584	480	976	16.9
-----								
117,436	11,354	128,790	16,875	155	315	163	256	13.1
4,737	565	5,302	1,410	148	565	161	43	26.6
1,016,831	427,038	1,443,869	123,846	368	2,093	487	501	8.6
1,364,703	342,074	1,706,777	187,916	339	2,036	408	538	11.0
12,660	1,066	13,726	1,621	117	178	120	43	11.8
1,344,076	190,565	1,534,641	40,054	436	1,222	474	148	2.6
-----								
81,066,507	15,453,807	96,520,314	8,740,820	276	1,033	306	385	9.1
				345	1,951	392		
				330	1,679	375		

Atmautluak, Cordova, Eagle, Hughes, INNEC, Kotlik, Kwethluk, Naknek, Nikolai, Pelican,

POWER COST ASSISTANCE  
ANNUAL STATISTICS  
FY 83

UTILITY	M OF DATA	COMM	# OF CUSTOMERS		AVR	KWH GENERATED	KWH SOLD
		POPUL- ATION	RESID COMRCL	COMM FACIL	FUEL \$/GAL		
Akiachak Ltd	12	424	81	10	1.690	332,355	-
Alaska Village Elec Co-Op	12	14,409	3,857	278	1.610	27,390,661	-
Andreanof Elec (Atka)	12	95	21	6	1.532	152,354	-
Atmautluak Utilities	5	226	53	2	1.382	107,057	-
Bethel Utility Corp	12	3,687	1,551	0	1.249	22,743,542	-
Bettles L & P	12	94	35	0	1.793	135,000	-
Chefornak Elec Co	1	244	48	3	1.558	13,921	-
Circle Elec Utility	12	80	19	0	1.130	219,169	-
Cordova Elec Co-Op	12	2,226	1,152	28	1.037	17,756,774	-
Eagle Power Co	4	142	58	3	1.240	21,611	-
-----							
Egegik L & P	12	68	40	1	1.280	-	-
G & K, Inc (Cold Bay)	12	192	65	0	1.192	2,900,382	-
Galena, City of	12	800	202	8	1.676	1,237,926	-
Gwitchyaa Zhee (Ft Yukon)	12	634	242	34	1.695	1,747,378	-
Haines L & P	12	1,046	668	7	1.096	7,504,565	-
Hughes P & L	12	102	34	1	2.331	-	-
INW Elec Co-Op (Iliamna)	4	405	120	10	1.955	392,400	-
Kodiak Elec Assoc							
Kodiak	12	4,678	3,269	69	1.005	62,781,500	-
Port Lions	12	211	109	8	1.600	619,710	-
-----							
Kotlik Elec Svs	12	112	85	0	1.761	155,487	-
Kotzebue Elec Assoc	12	2,526	822	36	1.226	12,850,793	-
Kwethluk, Inc	11	514	108	0	1.663	0	-
Levelock Elec Co-Op	7	101	29	2	1.630	69,162	-
Manley Utility Co	12	73	32	0	1.350	145,734	-
Manokotak Natives Ltd	10	280	68	3	1.391	307,733	-
McGrath L & P	12	486	208	6	1.526	2,391,744	-
Mid Kuskokwim Co-Op	8	381	109	7	1.516	273,958	-
Naknek Elec Assoc	12	1,008	496	9	1.171	10,860,293	-
Napaklak Ircinraq Power	12	278	67	7	1.788	452,050	-
-----							
Napaskiak Inc	12	240	59	2	1.448	127,758	-
Nelson Lagoon Elec	3	62	24	1	1.933	55,062	-
Nikolai L & P	3	110	35	3	1.680	54,000	-
Nome Joint Utilities	12	3,039	1,342	44	1.304	18,627,220	-
North Slope Borough	4	1,990	503	57	1.437	2,737,457	-
Northway P & L	12	346	80	2	1.151	820,742	-
Nushagak Elec Co-Op	12	1,717	759	45	1.141	10,758,920	-
Ouzinkie, City of	12	233	64	7	1.381	263,579	-
Pelican Utility Co	3	185	108	1	1.109	716,160	-
Puvurnaq Power Co.(Kong.)	2	229	49	2	1.460	49,680	-
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Ruby Elec Co	12	213	90	6	1.690	339,089	-
Sand Point Elec	12	714	357	12	1.143	5,279,385	-
Takotna Comm Assoc	12	83	31	3	1.580	121,172	-
Tanana Power Co	12	499	148	8	1.770	1,623,207	-
Tatitlek Elec Utility	12	94	28	1	1.170	33,548	-

RESID & COMRCL	ELIGIBLE KWH		TOTAL DISBURSEMENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST (\$)	AVR PCA AMOUNT C/KWH
	COMM FACIL	TOTAL		RESID COMRCL	COMM FACIL	TOTAL		
187,169	142,240	329,409	40,682	193	1,185	302	447	12.3
10,029,895	2,592,304	12,622,199	3,239,297	217	777	254	763	25.7
53,005	58,934	111,939	30,918	210	819	345	1,145	27.6
53,401	3,125	56,526	3,488	202	313	206	63	6.2
6,173,299	0	6,173,299	212,043	332	0	332	137	3.4
143,587	0	143,587	43,434	342	0	342	1,241	30.2
13,246	465	13,711	1,614	276	155	269	32	11.8
48,230	0	48,230	7,784	212	0	212	410	16.1
5,098,183	584,964	5,683,147	247,785	369	1,741	401	210	4.4
24,260	893	25,153	5,496	105	74	103	90	21.8
-----								
106,132	1,070	107,202	19,980	221	89	218	487	18.6
338,353	0	338,353	17,428	434	0	434	268	5.2
638,157	194,052	832,209	166,442	263	2,021	330	793	20.0
547,984	104,311	652,295	122,326	189	256	197	443	18.8
3,028,628	313,586	3,342,214	84,094	378	3,733	413	125	2.5
54,382	15,858	70,240	18,437	133	1,322	167	527	26.2
118,054	40,329	158,383	39,854	246	1,008	305	307	25.2
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16,166,467	4,373,334	20,539,801	403,091	412	5,282	513	121	2.0
364,397	57,827	422,224	128,356	279	602	301	1,097	30.4
-----								
167,116	0	167,116	50,669	164	0	164	596	30.3
4,074,584	1,011,497	5,086,081	465,284	413	2,341	494	542	9.1
497,158	0	497,158	64,956	418	0	418	601	13.1
39,550	26,624	66,174	20,282	195	1,902	305	654	30.6
97,364	0	97,364	17,175	254	0	254	537	17.6
238,143	25,260	263,403	41,640	350	842	371	586	15.8
710,825	156,543	867,368	124,207	285	2,174	338	589	14.3
96,065	4,513	100,578	10,756	110	81	108	93	10.7
2,164,467	25,561	2,190,028	224,697	364	237	361	445	10.3
414,779	18,696	433,475	71,133	516	223	488	961	16.4
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116,630	460	117,140	35,611	165	19	160	584	30.4
31,798	127	31,925	4,505	442	42	426	180	14.1
13,687	7,097	20,784	6,318	130	789	182	166	30.4
5,823,924	951,998	6,775,922	424,928	362	1,803	407	307	6.3
508,079	398,429	1,006,508	92,901	302	1,747	449	166	9.2
260,106	16,270	276,376	35,454	271	678	281	432	12.8
3,570,767	355,467	3,926,234	278,769	392	656	407	347	7.1
189,216	74,363	263,579	40,143	246	885	309	565	15.2
114,800	587	115,387	5,885	354	196	353	54	5.1
23,694	147	23,841	1,786	242	37	234	35	7.5
-----								
193,622	21,667	215,289	65,448	179	301	187	682	30.4
1,083,494	101,598	1,185,092	42,306	253	706	268	115	3.6
63,990	14,253	78,243	9,076	172	396	192	267	11.6
388,275	172,983	561,258	90,138	219	1,802	300	578	16.1
83,906	2,359	86,265	1,570	250	197	248	54	1.8

## ANNUAL STATISTICS FY 83

UTILITY	M OF DATA	COMM POPUL- ATION	# OF CUSTOMERS		AVR FUEL \$/GAL	KWH GENERATED	KWH SOLD
			RESID COMRCL	COMM FACIL			
Tetlin Village Energy	2	107	26	2	1.360	19,736	-
Thorne Bay Public Utility	2	320	102	0	1.300	110,634	-
Tlingit Haida REA	12	2,043	796	45	1.021	6,945,318	-
Unalakleet Valley Elec	12	735	220	14	1.372	2,931,050	-
Unalaska Elec. Utility	12	1,935	238	12	1.176	2,899,536	-
-----							
Yakutat Power Inc	12	442	250	11	1.122	4,558,165	-
FY 83 TOTAL	-	50,858	18,957	816	1.436	232,645,677	-
WEIGHTED AVERAGE					1.209		
WEIGHTED AVERAGE WITHOUT KEA					1.283		

## FOOTNOTES

1. CVEA was not eligible for PCA in FY 83.
2. Charitable organizations were not given special eligibility under the PCA program.
3. The following utilities had one or more months of missing KWH GENERATED data; Bettles, Naknek, Napakiak, Northway, and Tatitlek.
4. Refer to the FY 83 "Monthly PCE Statistics Report" for further details.

ANNUAL STATISTICS FY 83

RESID & COMRCL	ELIGIBLE KWH		TOTAL	DISBURSE- MENTS (\$)	ELIGIBLE KWH/M			AVR ANN	AVR PCA
	COMM FACIL	TOTAL			RESID COMRCL	COMM FACIL	TOTAL	DISBUR/ CUST (\$)	AMOUNT C/KWH
6,971	2,531	9,502	1,941	134	633	170	69	20.4	
78,000	0	78,000	11,368	382	0	382	111	14.6	
3,332,750	1,155,629	4,488,379	896,815	349	2,140	445	1,066	20.0	
956,667	343,534	1,300,201	142,276	362	2,045	463	608	10.9	
1,028,498	387,577	1,416,075	163,899	360	2,692	472	656	11.6	
-----									
1,319,167	159,306	1,478,473	52,672	440	1,207	472	202	3.6	
70,974,971	13,918,368	84,893,339	8,327,152	282	1,099	315	421	9.8	
				347	2,756	403			
				329	1,605	369			

Eagle, Egegik, Gwitchyaa Zhee, Hughes, Kotlik, Kwechluk, Manokotak, Mid Kuskokwim,

POWER COST ASSISTANCE  
ANNUAL STATISTICS  
FY 82

UTILITY	M OF DATA	COMM POPULATION	# OF CUSTOMERS			AVR FUEL \$/GAL	KWH GENERATED	KWH SOLD
			RESID COMRCL	CHAR ORG	COMM FACIL			
Akiachak Ltd	1	435	74	0	8	1.430	17,263	-
Alaska Village Elec Co-Op	12	14,069	3,499	64	246	1.563	24,302,062	-
Andreanof Elec (Atka)	2	93	21	0	4	1.580	13,991	-
Bethel Utility Corp	7	3,853	1,413	0	0	1.257	12,843,126	-
Bettles L & P	8	94	33	0	0	2.090	375,600	-
Circle Elec Utility	1	81	19	0	0	1.137	13,444	-
Copper Valley Elec Assoc								-
Glennallen	9	488	757	21	0	1.037	14,209,472	-
Valdez	9	4,066	1,319	6	34	1.023	21,130,556	-
Cordova Elec Co-Op	12	2,223	944	8	19	1.075	17,409,948	-
-----								
Egegik L & P	12	50	28	1	1	1.161	-	-
G & K, Inc (Cold Bay)	4	192	64	0	0	1.250	869,236	-
Galena, City of	8	800	154	0	6	1.596	766,975	-
Gwitchyaa Zhee (Ft Yukon)	6	637	189	0	28	1.627	676,262	-
Haines L & P	12	1,366	532	6	4	1.113	4,808,826	-
Kodiak Elec Assoc								-
Kodiak	12	5,754	2,865	37	65	1.057	56,851,100	-
Port Lions	12	232	91	3	8	1.547	577,200	-
Kotlik Elec Svs	2	339	82	0	0	2.450	23,712	-
Kotzebue Elec Assoc	12	2,526	607	13	33	1.152	11,053,900	-
-----								
Manley Utility Co	12	60	30	1	1	1.343	142,764	-
Manokotak Natives Ltd	2	280	62	0	3	1.191	35,315	-
McGrath L & P	12	453	157	4	5	1.410	2,556,128	-
Naknek Elec Assoc	12	1,008	363	8	10	1.139	6,593,719	-
Napaklak Irwinraq Power	11	277	64	2	3	1.480	468,450	-
Napaskiak Inc	6	240	59	0	0	1.450	108,950	-
Nome Joint Utility	12	3,039	1,071	27	23	1.291	17,315,500	-
Nushagak Elec Co-Op	12	1,670	587	10	33	1.169	8,295,720	-
Ruby Elec Co	7	220	77	0	5	1.676	182,700	-
Sand Point Elec	4	697	357	0	11	1.195	1,941,440	-
-----								
Takotna Comm Assoc	12	83	28	0	3	1.530	114,496	-
Tanana Power Co	5	499	134	0	7	1.794	593,823	-
Tatitlek Elec Utility	1	103	31	0	1	1.170	-	-
Tlingit Haida REA	12	2,043	685	25	33	1.151	5,782,673	-
Unalakleet Valley Elec	12	672	178	4	8	1.442	2,387,316	-
Unalaska Elec Utility	5	1,944	214	0	10	1.228	1,284,864	-
Yakutat Power Inc	5	442	241	0	12	1.129	1,764,718	-
-----								
FY 82 TOTAL	-	51,028	17,029	240	624	1.369	215,511,249	-
WEIGHTED AVERAGE						1.180		
WEIGHTED AVERAGE WITHOUT CVEA & KEA						1.279		

## FOOTNOTES

1. Data on KWH SOLD was reported for only the first two or three months and, in order not to be misleading
2. Data on CHAR ORG was reported for only the first two or three months. After that, CHAR ORG was included
3. The following utilities had one or more months of missing KWH GENERATED data; Bettles, Egegik, Galena,
4. Refer to the FY 82 "Monthly PCE Statistics Report" for further details

RESID & COMRCL	ELIGIBLE KWH			TOTAL DISBURSE- MENTS (\$)	ELIGIBLE KWH/M			AVR ANN DISBUR/ CUST (\$)	AVR PCA AMOUNT C/KWH
	CHAR ORG	COMM FACIL	TOTAL		RESID COMRCL	COMM FACIL	TOTAL		
12,904	0	4,359	17,263	2,296	174	545	211	28	13.3
8,246,160	15,626	2,317,147	10,578,933	2,724,723	196	785	231	715	25.8
6,238	0	6,899	13,137	3,628	149	862	263	145	27.6
3,309,028	0	0	3,309,028	143,603	335	0	335	102	4.3
97,419	0	0	97,419	30,494	369	0	369	924	31.3
2,324	0	0	2,324	397	122	0	122	21	17.1
2,365,844	140,556	0	2,506,400	119,308	347	0	358	153	4.8
4,398,643	13,860	1,969,557	6,382,060	245,061	371	6,436	522	180	3.8
4,699,140	25,870	550,287	5,275,297	236,409	415	2,414	453	243	4.5
84,629	430	2,100	87,159	20,202	252	175	242	673	23.2
115,005	0	0	115,005	8,924	449	0	449	139	7.8
358,612	0	96,535	455,147	95,126	291	2,011	356	595	20.9
171,896	0	35,362	207,258	39,717	152	210	159	183	19.2
2,616,146	25,298	243,151	2,884,595	84,729	410	5,066	444	156	2.9
15,237,831	683,576	3,866,529	19,787,936	342,201	443	4,957	556	115	1.7
287,964	1,958	121,331	411,253	106,637	264	1,264	336	1,045	25.9
18,148	0	0	18,148	5,595	111	0	111	68	30.8
2,961,017	175,911	652,201	3,789,129	263,883	407	1,647	484	404	7.0
90,964	257	454	91,675	18,306	253	38	239	572	20.0
29,525	0	3,180	32,705	5,812	238	530	252	89	17.8
554,037	10,749	145,192	709,978	90,604	294	2,420	356	546	12.8
1,736,767	11,209	51,628	1,799,604	175,798	399	430	394	461	9.8
297,425	957	8,307	306,689	48,138	422	252	404	698	15.7
45,250	0	0	45,250	12,283	128	0	128	208	27.1
5,164,431	298,953	667,085	6,130,469	430,135	402	2,417	456	384	7.0
2,891,425	15,824	313,396	3,220,645	208,451	410	791	426	331	6.5
93,186	0	8,470	101,656	31,869	173	242	177	389	31.3
350,512	0	42,620	393,132	20,501	245	969	267	56	5.2
64,950	0	26,027	90,977	9,363	193	723	245	302	10.3
135,511	0	66,773	202,284	35,825	202	1,908	287	254	17.7
6,914	0	190	7,104	129	223	190	222	4	1.8
2,788,830	27,603	514,019	3,330,452	640,676	339	1,298	374	862	19.2
709,490	69,096	230,720	1,009,306	118,867	332	2,403	443	626	11.8
394,436	0	143,169	537,605	73,060	369	2,863	480	326	13.6
519,311	0	71,050	590,361	26,655	431	1,184	467	105	4.5
60,861,912	1,517,733	12,157,738	74,537,383	6,419,408	295	1,608	332	359	8.6
					369	3,438	435		
					341	1,582	376		

, is not included.  
under COMM FACIL.

Gwitchyaa Zhee, Haines, Kodiak, Kotzebue, Mc Grath, Naknek, Nushagak, Tanana, and Tatitlek.

POWER PRODUCTION COST ASSISTANCE  
ANNUAL STATISTICS  
FY 81

UTILITY	M OF DATA	COMM POPUL- ATION	# OF CUSTOMERS			AVR FUEL \$/GAL	KWH GENERATED	KWH SOLD
			RESID COMRCL	CHAR ORG	COMM FACIL			
Alaska Village Elec Co-Op	9	-	2,940	63	231	1.326	17,021,900	14,473,593
Copper Valley Elec Assoc Glennallen	8	-	636	21	3	0.893	13,469,910	11,268,936
Valdez	8	-	1,189	6	35	0.935	17,974,469	16,071,056
Cordova Elec Co-Op	8	-	723	8	11	1.004	7,886,680	8,072,629
Egegik L & P	6	-	26	1	1	1.154	-	59,057
Haines L & P	7	-	428	6	1	1.057	3,115,299	2,690,698
Kodiak Elec Assoc Kodiak	9	-	2,463	39	62	1.007	43,243,000	30,522,620
Port Lions	9	-	66	3	8	1.387	420,200	361,215
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Kotzebue Elec Assoc	8	-	484	11	25	0.987	6,845,300	6,781,949
Manley Utility Co	2	-	30	1	1	1.300	19,570	19,570
McGrath L & P	8	-	110	5	4	1.294	2,119,200	1,146,326
Naknek Elec Assoc	6	-	269	5	12	1.020	-	3,213,426
Nome Joint Utility	5	-	815	29	13	1.242	6,564,281	5,868,974
Nushagak Elec Co-Op	6	-	482	12	29	1.136	4,408,240	3,751,544
Takotna Comm Assoc	1	-	23	0	2	1.420	5,580	5,580
Tlingit Haida REA	8	-	576	25	31	1.094	-	3,567,377
Unalakleet Valley Elec	8	-	145	3	4	1.211	1,402,560	1,158,454
FY 81 TOTAL	-	-	11,405	238	473	1.145	124,496,189	109,033,004
WEIGHTED AVERAGE						1.054		
WEIGHTED AVERAGE WITHOUT CVEA & KEA						1.150		

## FOOTNOTES

1. The Power Production Assistance program was initiated in October 1980.
2. The following utilities had one or more months of missing KWH GENERATED data; Cordova, Egegik, Haines,
3. The following utilities had one or more months of missing KWH SOLD data; Cordova, Haines, Kodiak, and
4. Calculation of ELIGIBLE KWH/M for CHAR ORG was intentionally omitted.
5. Refer to the FY 81 "Monthly PCE Statistics Report" for further details.