

Grayson Rural Electric Cooperative Corporation

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April 13, 2005

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APR 15 2005

Ms. Elizabeth O'Donnell
Executive Director
Public Service Commission
211 Sower Boulevard P.O. Box 615
Frankfort, Kentucky 40602-0615

PUBLIC SERVICE
COMMISSION

RE: PSC Administrative Case No. 2005-00090

Dear Ms. O'Donnell:

Enclosed are the original and ten copies to the response to questions 26, 27 and 29 of the Administrative Case no. 2005-00090.

Due to the short time frame for the previous response, some of the calculated values submitted for Questions 26, 27 and 29 were erroneous. Please accept the following as our corrected response.

Please contact us if you have any questions.

Sincerely,



Carol Fraley,
President & C.E.O.

CHF/bkp
Enclosures

cc: file

**Grayson Rural Electric Cooperative Corporation
Administrative Case No. 2005-00090**

Q26

		All Events									
		2000		2001		2002		2003		2004	
		SAIDI	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI
Entire system		168	1.28	153	0.99	204	1.11	156	1.06	205	1.12
Sub Ckt											
Airport Road		106	1.65	120	1.02	267	1.26	153	0.79	147	1.18
	1	46	0.32	40	0.37	190	0.98	19	0.17	9	0.08
	2	523	10.01	663	5.15	1099	4.74	963	4.67	476	4.66
	3	19	0.16	12	0.25	10	0.10	19	0.12	253	1.62
Argentum		132	0.96	218	1.51	254	1.17	186	0.92	227	1.04
	1	150	0.91	55	1.83	210	0.98	79	0.28	318	0.98
	2	110	1.02	423	1.11	309	1.42	321	1.73	114	1.12
Carter City		666	3.55	66	0.55	208	0.83	139	0.98	248	1.07
	1	3269	8.92	117	0.76	437	1.84	244	1.47	411	3.19
	2	631	7.84	86	0.82	355	1.14	271	2.01	676	1.95
	3	53	0.61	43	0.33	187	0.98	17	0.16	14	0.19
	4	18	0.11	45	0.39	42	0.22	67	0.48	14	0.13
Elliottville		232	1.65	437	2.13	430	2.32	183	1.44	322	1.76
	1	328	1.66	503	1.43	514	3.26	147	1.15	96	0.48
	2	50	0.59	253	1.45	123	1.26	224	1.80	375	0.91
	3	258	2.33	492	3.22	548	2.10	192	1.48	505	3.53
Leon		137	0.65	29	0.30	151	1.34	93	1.17	360	1.17
	1	20	0.20	13	0.18	116	0.61	100	1.65	1142	3.19
	2	16	0.16	34	0.35	262	2.23	27	0.39	89	0.51
	3	324	1.39	37	0.34	82	1.11	144	1.50	35	0.29
Low Gap		79	0.89	35	0.41	68	0.50	48	0.29	142	1.25
	1	6	0.09	9	0.02	1	0.00	1	0.01	1	0.02
	2	752	8.80	121	1.24	522	3.58	351	2.04	1196	7.89
	3	26	0.21	39	0.53	43	0.36	33	0.21	74	1.05
Mazie		183	1.44	39	0.38	146	1.21	145	1.06	112	0.83
	1	72	0.37	10	0.13	87	1.23	12	0.11	193	1.79
	2	206	1.68	39	0.33	172	1.31	160	1.25	92	0.62
	3	189	1.40	98	1.36	42	0.38	270	1.18	127	0.74
Newfoundland		54	0.49	157	0.73	98	0.70	57	0.48	104	0.64
	1	148	1.40	81	1.29	109	0.76	167	1.15	185	1.15
	2	308	2.64	4418	11.45	157	1.44	399	4.95	224	1.62
	3	1	0.01	1	0.01	3	0.03	4	0.06	18	0.17
	4	18	0.14	19	0.16	117	0.84	9	0.09	89	0.52
Pactolus		106	0.67	138	1.49	243	0.73	350	1.24	54	0.46
	1	643	3.07	988	9.90	1515	3.59	0	0.00	340	2.91
	2	146	1.80	28	0.42	395	2.07	8	0.09	73	0.50
	3	0	0.00	159	2.00	270	3.00	0	0.00	0	0.00
	4	9	0.08	11	0.23	2	0.03	15	0.10	2	0.03
Pelfrey		99	0.67	135	1.15	88	0.68	70	0.90	168	1.39
	1	58	0.52	175	1.33	95	0.76	95	1.33	153	1.22
	2	162	0.91	73	0.87	77	0.55	30	0.23	191	1.66
Sandy Hook		113	1.41	98	0.74	119	0.84	118	1.20	420	1.65
	1	154	2.43	16	0.14	90	0.58	199	2.29	520	1.73
	2	109	1.25	31	0.29	116	0.82	37	0.20	182	1.21
	3	74	0.52	229	1.68	151	1.10	101	0.91	504	1.93
Warnock		125	1.18	78	0.45	198	0.95	275	1.83	44	0.52
	1	2899	28.38	1263	11.38	9022	38.67	18226	74.07	915	8.00
	2	6	0.11	0	0.00	0	0.00	0	0.00	0	0.00
	3	212	1.88	20	0.14	147	0.73	91	0.50	61	0.90
	4	35	0.40	196	0.96	163	0.92	178	3.01	38	0.30

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Q27.

		No Major Event Days									
		2000		2001		2002		2003		2004	
		SAIDI	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI	SAIDI	SAIFI
Entire system		123	1.15	92	0.79	142	0.85	129	0.99	163	1.04
Sub Ckt											
Airport Road		106	1.65	120	1.02	267	1.26	153	0.79	147	1.18
	1	46	0.32	40	0.37	190	0.98	19	0.17	9	0.08
	2	523	10.01	662	5.14	1099	4.74	959	4.66	476	4.66
	3	19	0.16	12	0.25	10	0.10	19	0.12	253	1.62
Argentum		132	0.94	58	1.11	254	1.17	186	0.92	189	0.93
	1	150	0.87	55	1.83	210	0.97	79	0.28	249	0.79
	2	110	1.02	62	0.22	309	1.42	321	1.73	114	1.12
Carter City		206	2.49	62	0.50	195	0.79	139	0.98	248	1.07
	1	144	1.73	106	0.73	361	1.58	244	1.47	411	3.19
	2	631	7.84	76	0.66	355	1.14	271	2.01	676	1.95
	3	53	0.61	43	0.33	174	0.95	17	0.16	14	0.19
	4	18	0.11	45	0.39	42	0.22	67	0.48	14	0.13
Elliottville		152	1.37	240	1.53	99	0.68	182	1.43	239	1.67
	1	109	0.89	53	0.55	55	0.42	147	1.15	96	0.48
	2	50	0.59	253	1.45	123	1.26	224	1.80	39	0.54
	3	258	2.33	411	2.51	126	0.56	188	1.46	504	3.52
Leon		136	0.64	29	0.30	129	1.29	93	1.17	125	0.91
	1	20	0.20	13	0.18	37	0.42	100	1.65	304	2.34
	2	16	0.16	34	0.35	262	2.23	27	0.38	83	0.46
	3	322	1.36	37	0.34	82	1.11	144	1.50	35	0.29
Low Gap		79	0.89	35	0.41	68	0.50	48	0.29	142	1.25
	1	6	0.09	9	0.02	1	0.00	1	0.01	1	0.02
	2	752	8.80	121	1.24	522	3.58	351	2.04	1196	7.89
	3	26	0.21	39	0.53	43	0.35	33	0.21	74	1.05
Mazie		182	1.43	39	0.38	146	1.21	88	0.96	112	0.82
	1	72	0.37	10	0.13	87	1.23	12	0.10	193	1.79
	2	205	1.67	39	0.33	172	1.31	84	1.13	92	0.62
	3	189	1.40	98	1.36	42	0.38	270	1.18	127	0.74
Newfoundland		53	0.47	56	0.38	98	0.70	57	0.48	104	0.64
	1	148	1.40	28	0.42	109	0.76	167	1.15	184	1.14
	2	308	2.64	1332	6.69	157	1.44	399	4.95	224	1.62
	3	1	0.01	1	0.01	3	0.03	4	0.06	18	0.17
	4	16	0.12	19	0.16	117	0.84	9	0.09	89	0.52
Pactolus		105	0.65	137	1.47	77	0.46	184	0.80	54	0.46
	1	632	2.90	980	9.73	225	1.50	1341	5.58	340	2.91
	2	146	1.80	28	0.42	389	2.05	8	0.09	73	0.50
	3	0	0.00	159	2.00	270	3.00	0	0.00	0	0.00
	4	9	0.08	11	0.23	2	0.03	15	0.10	2	0.03
Pelfrey		99	0.67	43	0.58	88	0.68	70	0.90	161	1.36
	1	58	0.52	24	0.40	95	0.76	95	1.33	142	1.17
	2	162	0.91	73	0.87	77	0.55	30	0.23	191	1.66
Sandy Hook		105	1.39	98	0.74	119	0.84	118	1.20	297	1.35
	1	154	2.43	16	0.14	90	0.58	199	2.29	519	1.71
	2	109	1.25	31	0.29	116	0.82	37	0.20	182	1.21
	3	53	0.46	229	1.68	151	1.10	101	0.91	167	1.11
Warnock		125	1.18	57	0.38	198	0.95	163	1.52	44	0.52
	1	2899	28.38	1263	11.38	9022	38.67	7426	44.07	915	8.00
	2	6	0.11	0	0.00	0	0.00	0	0.00	0	0.00
	3	211	1.88	20	0.14	147	0.73	91	0.50	61	0.90
	4	35	0.40	121	0.72	162	0.91	178	3.01	38	0.30

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Q29

We do not keep outage information on a per customer basis and therefore can not provide CAIFI information. CAIDI is listed below for the past 5 years.

		No Major Event Days				
		2000	2001	2002	2003	2004
		CAIDI	CAIDI	CAIDI	CAIDI	CAIDI
Entire system		107	117	166	130	156
Sub Ckt						
Airport Road		64	118	213	193	124
	1	144	108	195	115	106
	2	52	129	232	206	102
	3	122	46	100	165	156
Argentum		141	52	216	203	203
	1	171	30	215	286	316
	2	108	286	217	186	102
Carter City		83	123	247	142	231
	1	83	146	228	166	129
	2	81	115	311	135	347
	3	87	129	184	104	72
	4	169	116	188	140	103
Elliottville		111	157	145	127	143
	1	122	95	130	127	200
	2	85	175	98	124	72
	3	111	164	223	129	143
Leon		214	98	100	79	137
	1	101	72	89	61	130
	2	102	97	117	70	182
	3	237	109	74	96	120
Low Gap		89	86	137	165	113
	1	62	410	240	157	89
	2	85	97	146	172	152
	3	122	73	122	156	70
Mazie		127	102	121	92	136
	1	197	75	70	118	108
	2	122	119	132	74	148
	3	135	72	110	229	172
Newfoundland		112	145	139	119	163
	1	106	68	143	144	161
	2	116	199	109	81	138
	3	100	89	86	59	109
	4	138	116	140	102	173
Pactolus		163	93	167	230	118
	1	218	101	150	240	117
	2	81	67	189	86	147
	3	n/a	80	90	n/a	n/a
	4	111	46	82	152	70
Pelfrey		147	75	129	77	118
	1	112	61	125	71	121
	2	178	84	139	129	115
Sandy Hook		76	132	143	98	220
	1	64	114	153	87	303
	2	87	107	142	184	151
	3	115	136	137	111	150
Warnock		106	147	209	108	86
	1	102	111	233	169	114
	2	60	n/a	n/a	n/a	n/a
	3	112	147	202	181	68
	4	87	169	178	59	127

		All Events				
		2000	2001	2002	2003	2004
		CAIDI	CAIDI	CAIDI	CAIDI	CAIDI
Entire system		132	154	183	147	183
Sub Ckt						
Airport Road		64	118	212	194	124
	1	143	108	195	115	106
	2	52	129	232	206	102
	3	122	46	100	165	156
Argentum		138	144	216	203	218
	1	166	30	215	286	323
	2	108	383	217	186	102
Carter City		188	120	249	142	231
	1	366	155	237	166	129
	2	81	104	311	135	347
	3	87	129	190	104	72
	4	169	115	188	140	103
Elliottville		140	206	186	127	183
	1	198	352	158	127	200
	2	85	175	98	124	412
	3	111	153	261	130	143
Leon		211	98	112	79	308
	1	101	72	189	61	358
	2	101	97	117	71	175
	3	233	109	74	96	120
Low Gap		89	86	136	165	113
	1	62	410	240	157	89
	2	85	97	146	172	152
	3	122	74	121	156	70
Mazie		126	102	121	137	136
	1	197	75	70	115	108
	2	122	119	132	128	148
	3	135	72	110	229	172
Newfoundland		110	216	139	119	162
	1	106	63	143	144	161
	2	116	386	109	81	138
	3	100	89	86	59	109
	4	124	116	140	102	173
Pactolus		159	92	333	282	118
	1	209	100	421	n/a	117
	2	81	67	191	86	147
	3	n/a	80	90	n/a	n/a
	4	111	47	82	152	70
Pelfrey		147	118	129	77	121
	1	112	132	125	71	126
	2	178	84	139	129	115
Sandy Hook		80	132	143	98	254
	1	64	114	153	87	301
	2	87	107	142	184	151
	3	143	136	137	111	261
Warnock		106	172	208	151	86
	1	102	111	233	246	114
	2	60	n/a	n/a	n/a	n/a
	3	112	147	202	181	68
	4	87	205	177	59	127