

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION
CASE NO. 2008-00488

RECEIVED
DEC 18 2008
PUBLIC SERVICE
COMMISSION

IN THE MATTER OF:

GERALD E. BRIFFA)	
)	CASE NO.
COMPLAINANT)	2008-00488
)	
V.)	
)	
BLUE GRASS ENERGY COOPERTIVE)	
CORPORATION)	
)	
DEFENDANT)	

ANSWER

Comes now Blue Grass Energy Cooperative Corporation (hereinafter "Blue Grass Energy"), by and through counsel, and for its Answer to the Complaint states as follows:

1. Blue Grass Energy affirmatively denies that it overcharged the Complainant, Gerald E. Briffa (hereinafter "Briffa"), for electric usage at 4301 Ravens Crest Lane, Lexington, Fayette County, Kentucky from June 4, 2004 to the present;
2. Blue Grass Energy admits that it did not provide all weather records for the period of June 4, 2004 to the present, as such records are voluminous; however, Blue Grass Energy denies that it failed to provide Complainant, Briffa, with adequate weather and usage records necessary to demonstrate that the Complainant's charges were reflective of the outside temperature and Complainant's own choice of kilowatt usage at the relevant time.

3. Blue Grass Energy affirmatively denies that it failed to properly install, maintain and/or read the Complainant's electric meter for the period of time set forth above;

4. Blue Grass Energy affirmatively denies that there is not adequate correlation between temperature, usage and charges for the period of time set forth above.

STATEMENT IN DEFENSE OF PLAINTIFF'S ALLEGATIONS

Comes the Defendant, Blue Grass Energy, and for its statement in defense of Plaintiff's allegations, states the following:

5. That since June 4, 2004, Blue Grass Energy has provided three (3) different meters at 4301 Ravens Crest Lane, Lexington, Fayette County, Kentucky, that all equipment used by Blue Grass Energy has been approved by the Public Service Commission (hereinafter the "PSC"), and that each meter has been tested by a meter technician employed by Blue Grass Energy and certified by the PSC. More particularly:

a. The original, non-automated meter, MFR No. 81-083-692, was tested on June 9, 2003 by B. Caudill, a meter technician, demonstrating an average reading of 99.96% efficiency, within the two (2) percent fast/slow margin of error prescribed by the PSC. A copy of this test is attached hereto as

EXHIBIT A(1);

b. The second, automated meter, MFG No. 91-937-681, was installed by Blue Grass Energy because of Blue Grass Energy's desire to switch to an automated reader system. In response to Complainant's informal complaint to the PSC, Blue Grass Energy removed this meter for testing and installed the third meter (referenced below). A test of the second meter was conducted on

June 3, 2008, and demonstrated an average read of 100.02% efficiency. A copy of this test is attached hereto as **EXHIBIT A(2)**;

c. The third, automated meter, MFG No. 91-940-538, was installed by Blue Grass Energy at the time the second meter was removed. This third meter was tested on March 13, 2008, and demonstrated an average read of 99.98% efficiency. A copy of this test is attached hereto as **EXHIBIT A(3)**

6. That Complainant, Briffa, lodged an informal complaint with the PSC against Blue Grass Energy in early 2008. Pursuant to this complaint, Joe Burgess, Energy Advisor, conducted an energy audit and blower door test at the Complainant's home, 4301 Ravens Crest Lane, Lexington, Fayette County, Kentucky, on May 8, 2008. The written results of this audit were provided to both the Complainant and the PSC. For the convenience of the parties hereto, a copy of this audit has been attached hereto as **EXHIBIT B**.

7. That Blue Grass Energy provided Complainant with the same weather and usage information that it provided to the Public Service Commission at the time that the informal Complaint was filed in this matter. More particularly:

a. That the Complainant's electrical usage is in accordance with the kilowatt usage history of 4301 Ravens Crest Lane, Lexington, Fayette County, Kentucky. For the convenience of all parties hereto, copies of Plaintiff's kilowatt usage from June 8, 2004 to the present is highlighted and attached hereto as **EXHIBIT C**.

b. that the Complainant's electrical usage is reflective of the outside temperature at any particular date and time, taking into consideration that factors besides temperature are reflected in kilowatt usage. For the convenience of all

parties hereto, copies of the Usage vs. Temperature analyses for the months of January to April are attached hereto as **EXHIBIT D**.

8. Blue Grass Energy has responded to information requests and expressions of concern from Mr. Briffa, and has at all relevant times attempted to address those concerns. Repeated attempts have been made to explain to him that his charges for service are naturally reflective not only of the weather, but of his lifestyle choices as well, to the extent those choices involve the usage of electricity. Blue Grass Energy will continue to work with Mr. Briffa as to any continuing concerns, but Blue Grass Energy affirmatively contends that this Complaint should be dismissed.

COMBS & HOFFMAN

BY: Cassie G. Wells
CASSIE G. WELLS
RALPH K. COMBS
100 United Drive, Suite 4B
Versailles, Kentucky 40383
(859) 873-5427
ATTORNEYS FOR BLUE GRASS ENERGY
COOPERATIVE CORPORATION

CERTIFICATE OF SERVICE

This is to certify that a true and correct copy of the foregoing Answer and Statement in Defense of Complainant's Allegations was served on Gerald E. Briffa, Esq., 4301 Ravens Crest Lane, Lexington, Kentucky 40515, by United States First Class Mail.

All this the 18th day of December, 2008.

Cassie G. Wells
CASSIE G. WELLS

EXHIBIT "A"

1

Bell Hall

Organic
meter

BLUE GRASS ENERGY METER LAB				DATE		MFR NO		READING LEFT	
Make	SANGAMO	READING FOUND		36063		81 063 69		36063	
Form	25	AS FOUND							
Class	200	LOAD	Mtr Rev	Std Rev	% Reg	Average	Tested for		
Type	555	FULL	5	5	100.09	99.90	REMARKS		
Amps	30	.5 PF	5	5	99.99				
Volts	240	LIGHT	1	1	99.80				
Wire	3	AS LEFT							
Phase	1	LOAD	Mtr Rev	Std Rev	% Reg	Average			
Dial K	1	FULL	5						
Disk K	72	.5 PF	5				LEFT AS FOUND		
Reg R	27 79	LIGHT	1						

LAB FIELD

KW TEST RESULTS

Type	Reg	Found	Left	KW Scale	KW Constant	KW
Current Transformers			Potential Transformers			Tested by
No	Type	Ratio	No	Type	Ratio	
						B. Caudle

810 836 92

2

BLUE GRASS ENERGY METER LAB							Date	MFG Number	
Reading Found		88003	Reading Left		88003	6/3/2008		91 937 681	
Make	LANDIS & GYR/SIEMANS					Tested At		Lab	
Form	2S	AS FOUND				Tested By		(TR)	
Class	200	LOAD	Mtr Rev	Std Rev	% Reg	Average	Blue Grass Energy		
Type	ALF	FULL	0	5	100.01	100.02	Remarks ELECTRONIC TURTLE		
Amps	30	.5 PF	0	5	100.05				
Volts	240	LIGHT	0	1	99.99				
Wire	3	AS LEFT							
Phase	1	LOAD	Mtr Rev	Std Rev	% Reg	Average	Tamper Code	0	
Dial K	1	FULL	0	5	0.00	0	<input checked="" type="checkbox"/> Left As Found <input type="checkbox"/> Junked		
Disk K	7.2	.5 PF	0	5	0.00				
Reg R		LIGHT	0	1	0.00				

3

Elisberg

BLUE GRASS ENERGY METER LAB							Date	MFG Number	
Reading Found		50	Reading Left		50	3/13/2008		91 940 538	
Make	LANDIS & GYR/SIEMANS					Tested At		Lab	
Form	2S	AS FOUND				Tested By		(DH)	
Class	200	LOAD	Mtr Rev	Std Rev	% Reg	Average	Blue Grass Energy		
Type	ALF	FULL	0	5	99.97	099.98	Remarks		
Amps	30	.5 PF	0	5	100.00				
Volts	240	LIGHT	0	1	99.97				
Wire	3	AS LEFT							
Phase	1	LOAD	Mtr Rev	Std Rev	% Reg	Average	Tamper Code	0	
Dial K	1	FULL	0	5	0.00	0	<input checked="" type="checkbox"/> Left As Found <input type="checkbox"/> Junked		
Disk K	7.2	.5 PF	0	5	0.00				
Reg R		LIGHT	0	1	0.00				

EXHIBIT "B"

May 8, 2008

To Whom It May Concern:

An energy audit performed at 4301 Ravens Crest Lane, Lexington, KY, on May 8, 2008, revealed the following items:

Home is heated/cooled by three heat pump systems: a 1-1/2 ton unit for the sunroom (14 SEER), a 4 ton unit for the main floor & basement (13 SEER), and a 3-1/2 ton (12 SEER) unit for the upstairs.

A blower door test revealed 4450 cfm leakage, which translates into a 45% natural air change per hour (ACHn). This falls into the category of a standard new home, but shy of the 26% to 40% ACHn needed to be considered an energy efficient home. Areas of leakage were observed at outside wall outlets, under master bathroom tub, shower heads, can lights, west-facing dining room window, south-facing downstairs door to pool area, crawlspace door where sunroom air handler is located, crawlspace ductwork in sunroom, seam of contact where brick/mortar meets the floor tile in sunroom, rim-and-band joist on north side of foundation wall, north side of rim-and-band joist under office beside front door.

Attic:

- Inspection performed in the attic revealed that both fireplace chases have unblocked framing at the top of the chase, which allows unconditioned air to infiltrate down the backside of conditioned drywall. This allows winter temperatures matching the outdoor temperatures to descend down these walls and cause discomfort, as well as longer run-times for the heat pump. In summer, attic temperatures can reach as high as 150 degrees, which translates into hot rooms in summer's high temperatures.
- Insulation (white fiberglass) is sufficient in some areas, and totally lacking in others. In particular, the air handler is sitting on a raised deck box that has no insulation under it, as well as several pieces of OSB, used for decking, which have no insulation under them.
- The tray ceiling over the master bedroom has several pieces of batt insulation that are not making contact with the drywall below, rendering the insulation useless.
- Several can lights have air infiltration paths at their contact with the ceiling drywall. This air movement is readily seen by the discoloration of the white

insulation. These same can lights have the insulation pushed back from around them, leaving substantial size areas of no insulation on the ceiling.

- The attic hatch in the laundry room (3/4" plywood) has no insulation on the attic side of the hatch, resulting in a four square foot area of potential heat loss or heat gain, depending on the season.

Basement:

- Door going into unfinished section of basement has no threshold at bottom of door.
- Crawlspace access door has leakage at gasket.
- Basement ceiling has R-19 batt insulation, with no insulation on the basement walls. Ductwork registers in unfinished area of basement have been closed off and taped shut.
- Two areas at the band joist have no insulation against band.

If there are any questions, feel free to contact me at 859-885-2102

Joe Burgess
Energy Advisor

EXHIBIT "C"

Cash/Adjustments	Cash Register	Collections	Credit Report	Dashboard	General FM
New Connect	Special Equipment	Inquiry	Search		
	Logout	Control Options			Work Management
Consumer Accounting System		ED	None	GAS	

Inquiry | Search

View | Bill Calculation

Bill Date	Bill Amount	Read Date	Meter Read	KWH	Arrears	Paid Date	Paid Amt	Days of Service
10/20/08	178.43	10/14/08	5495	1897	00			
09/19/08	366.29	09/14/08	13506	3653	00	10/06/08	-366.29	31
08/20/08	321.30	08/14/08	9855	3774	00	09/05/08	-321.30	27
07/21/08	227.97	07/18/08	6081	2545	-186.56	08/06/08	-41.41	29
06/19/08	311.64	06/19/08	90147	3486	00	07/03/08	-498.20	36
05/20/08	179.45	05/14/08	86661	2116	00	06/05/08	-179.45	30
04/21/08	291.91	04/14/08	84545	3405	00	05/05/08	-291.91	31
03/19/08	559.90	03/14/08	81140	6692	00	04/02/08	-559.90	29
02/19/08	635.55	02/14/08	74448	8049	00	03/05/08	-635.55	31
01/21/08	469.15	01/14/08	66399	5969	00	02/05/08	-469.15	31
12/19/07	352.40	12/14/07	60430	4325	00	01/04/08	-352.40	30
11/20/07	225.38	11/14/07	56105	2506	00	12/05/07	-225.38	31
10/19/07	225.94	10/14/07	53599	2889	00	11/05/07	-225.94	30

Read Meter

BRIFFA REBECCA

Mbr Sep: 104769301
 Status: Active Electric

Location: 4680028 Dist: 10
 Meter: 91940538 Rate: 11
 Class: 1
 Cycle: 449

Future: 00
 Balance: 178.43 Add a Note

Payments(0)	Adjustments(0)	Misc
Read Date: 10/14/08	Read Type: 2	Days of Service: 30
Bill Date: 10/20/08	Bill Type: 0	Average Temp: 0.0
Due Date: 11/04/08		Mult: 1
Current Read: 5495	Demand Read: 0	
Previous Read: 6509	Active Demand: 0	
KWH: 1897	Billed Demand: 0	
YL KWH: 0		
KVA: 0	HO: 0	
KVAR: 0		

Energy:
 Fuel:
 YL Charge:
 Tax:
 Local Tax:
 Franch Tax:
 Gross Tax:
 Other Tax:
 Misc Chg:
 Other Chg:
 Equipment:
 Round Up:
 Contract:

Cash/Adjustments	Cash Register	Collections	Credit Report	Dashboard	General FM
New Connect	Special Equipment	Inquiry	Search		
	Logout	Control Options			Work Management
Consumer Accounting System			EC	None	GA

Inquiry Search View Bill Calculation

Mbr Sep: Search Display: Custom Customize

Bill Date	Bill Amount	Read Date	Meter Read	KWH	Arrears	Paid Date	Paid Amt	Days Of Service	Days
09/20/07	429.92	09/14/07	50710	4932	46.30	10/08/07	-476.22	31	11
08/20/07	537.11	08/14/07	45778	5501	52.25	09/10/07	-543.06	31	09
07/19/07	606.13	07/14/07	40277	5663	42.87	08/08/07	-596.75	30	08
06/19/07	502.54	06/14/07	34614	5614	-4.94	07/10/07	-454.73	31	07
05/18/07	259.33	05/14/07	29000	2869	-264.27		00	30	06
04/19/07	240.82	04/14/07	26131	2905	505.09	04/30/07	-1,010.18	29	04
03/20/07	505.09	03/16/07	23226	5984	00		00	31	03
02/20/07	687.31	02/13/07	17242	9304	31.89	03/05/07	-719.20	32	02
01/19/07	370.00	01/12/07	7938	4526	00	02/09/07	-338.11	29	01
12/21/06	431.21	12/14/06	3412	5025	27.11	01/16/07	-458.32	28	01
11/20/06	314.51	11/16/06	40091	3741	00	12/08/06	-287.40	31	11

Read Meter

Customer Information

Status: Active Electric

Location: 4860026 Dist: 10

Meter: 91840538 Rate: 11

Class: 1

Cycle: 449

Future: 00

Balance: 176.43 Add a Note

Payments(0) Adjustments(0) Misc

Read Date: 10/14/07 Read Cycle: 2 Days of Serv: 31

Bill Date: 10/20/07 Bill Type: 0 Average Demand: 1000

Due Date: 11/04/07 Multiplier: 1

Current Read: 50710 Average Demand Read: 0

Previous Read: 45778 Actual Demand: 0

KWH: 4932 Called Demand: 0

Yr KWH: 0

KVA: 0

KVAR: 0

Energy:

Fuel:

YL Charge:

Tax:

Local Tax:

Franch Tax:

Gross Tax:

Other Tax:

Misc Chg:

Other Chg:

Equipment:

Round Up:

Contract:

MBR/SEP	NAME	RT	AT	DL	CT	ND	LM ST NE	CONNECT	6/08/04	DISDTE	0/00/00	REOCCUR
DRV/LIC	C/O ADDRESS	CL	PS	MC	NT	NC		LOCATION		MBR/FEE	DTE-PD	DTE-REF
SS NO	AD1 ADDRESS	TC	DM	NC	BB	NB		METER		DEPOSIT	DTE-PD	DTE-REF
TEL/NO	AD2 ADDRESS	TD	DT	PC	EB	NA	CYCLE	RSQ NUM	XREF ACCT	OTH-DEP	DTE-PD	DTE-REF
STATUS	AD3 ADDRESS	ZIP		MINIMUM		SMB/NO		INT-BAL	INT-PD	YTD-INT	1)	
104769301	BRIFFA REBECCA	11	0	0	0	6		4860026		25.00	60704	
		1	0	0	1	0		91937681				
92705049	4301 RAVENS CREST LN	0	0	0	0	0		44902380				
8599716793	LEXINGTON KY	21	10	0	0	0	449					
A		405158552										

GERALD BRIFFA												
BILDTE	RDGDTE	BT	RDG	KWH	FUEL	TAX	F-TAX	MISC	MBR/FEE	OTH-DEP	CONTRA	
DUEDTE	DS	CCD	RT	YLKWH	ENERGY	YL	CHG	L-TAX	DEPOSIT	INTEREST	PENAL	
								G-TAX	OTHER2	OTHER3	ROUND	
								O-TAX	OTHER1			
								EQUIP				
122106	121406	0	3412	5025	37.79			11.15				
10407	28	2		308.21								25.74
112006	111606	0	40091	3741	19.30			8.13				
120406	31	1	2	230.81				8.13				27
101806	101606	0	36350	3108	15.32			6.84				21.03
110406	32	2		192.65				6.84				
92006	91406	0	33242	4647	20.73			10.10				19.90
100406	30	1	2	285.42				10.10				33
81806	81506	0	28595	6416	66.85			14.85				30.40
90406	32	1	2	392.06				14.85				49
72006	71406	0	22179	5358	45.01			12.03				36.02
80406	30	2		328.28				12.03				
62006	61406	0	16821	4378	30.82			9.60				27.55
70406	30	1	2	269.21				9.60				32
51806	51506	0	12443	2538	22.16			5.78				20.04
60406	35	1	2	158.29				5.78				19
41906	41006	0	9905	1627	8.64			3.58				12.31
50406	26	2		103.38				3.58				
32006	31506	0	8278	2617	30.12			6.14				7.34
40406	30	2		163.05				6.14				
21706	21306	0	5661	3655	28.51			7.96				11.57
30406	38	2		225.62				7.96				
11906	10606	0	2006	2165	20.76			5.09				11.08
20406	23	2		135.81				5.09				
122005	121405	0	99841	2837	26.64			6.53				13.01
10406	28	2		176.31				6.53				
111805	111605	0	97004	816	9.25			2.06				14.82

MBR/SEP	NAME	LM	ST	NE	CONNECT	6/08/04	DISDTE	0/00/00	REOCCUR		
DRV/LIC	C/O ADDRESS	RT	AT	DL	CT	ND	LOCATION	MBR/FEE	DTE-PD	DTE-REF	
SS NO	AD1 ADDRESS	CL	PS	MC	NT	NC	METER	DEPOSIT	DTE-PD	DTE-REF	
TEL/NO	AD2 ADDRESS	TC	DM	NC	BB	NB	RSQ NUM	OTH-DEP	DTE-PD	DTE-REF	
STATUS	AD3 ADDRESS	TD	DT	PC	EB	NA	CYCLE	XREF ACCT	CUR-INT	PD-DTE	THRU-DT
	SPOUSE			ZIP			MINIMUM	SMB/NO	INT-BAL	INT-PD	
						1	1		YTD-INT		1)

104769301	BRIFFA REBECCA	11	0	0	0	1		4860026	25.00	60704	
		1	0	0	1	0		81083692			
92705049	4301 RAVENS CREST LN	0	0	0	0	0		44900000			
8592718406	LEXINGTON KY	13	10	0	0	0	449				
A							405158552				

BILDTE	RDGDTE	BT	RDG	KWH	FUEL	TAX	F-TAX	MISC	MBR/FEE	OTH-DEP	CONTRA		
DUEDTE	DS	CCD	RT	YLKWH	ENERGY	YL	CHG	L-TAX	O-TAX	OTHER	PENAL		
								G-TAX	EQUIP	OTHER1	OTHER2	OTHER3	ROUND

122004	120704	0	61086	2064	11.87							
10405	29	2		119.58			3.94					
111704	110804	0	59022	2381	16.36							
120404	33	2		137.14			4.61					
102004	100604	0	56641	3305	14.91							
110404	16	2		188.30			6.10					
92004	92004	1	53336	3825	18.70							
100404	41	1	0	217.09			7.07					23

81804	81004	0	49511	5730	22.46							
90404	32	2		322.57			10.35					

71904	70904	0	43781	5600	33.77							
80404	30	2		315.37			10.47					

61704	60904	0	38181	145	.88					25.00		
70404	1	2		13.33			.43					

60804	60804	0	38036									
60804		5										

----- CASH RECORDS -----													
MOYR	DT	TR	PAYDTE	BH	AMOUNT	RDG	RT	ACCT	RACCT	ITEMID	CHECK	MBR/FEE	DEPOSIT
1104	13	11	112304	5542	124.56-			142.00	131.05	CNES	09		
1004	13	11	101904	5390	266.43-			142.00	131.05	CNES	09		
1004	13	11	100804	5345	242.86-			142.00	131.05	CNES	09		
0804	13	11	82704	5167	355.38-			142.00	131.05	CNES	09		
0704	13	11	72304	5019	359.61-			142.00	131.05	CNES	09		
0604	13	11	62304	4897	14.64-			142.00	131.05	CNES	09		
0604	10	11	61604	5555	25.00-			142.00	131.02	CNES	09	1282	
0604	10	70	60904	98		38181	2						
0604	13	70	61504	4004		38181	2						
0604	10	90	60704					142.00	200.10	CNES	05	25.00	

----- NOTES -----											
TYPE	DATE	PC	ENTERED BY				DATE / TEXT				
SP	090804	T	CINDYC				WED, SEP 8, 2004, 12:06 PM				
METER READER COULD NOT GET READING DUE TO CAR BLOCKING DRIVEWAY.											

EXHIBIT "D"

7/28/2008

Daily Heating And Cooling Degree Days
January 2008
Bluegrass Field, Lexington

<u>Temperature</u>		
<u>Day</u>	<u>High</u>	<u>Low</u>
1	37	17
2	17	9
3	26	11
4	41	20
5	46	34
6	60	45
7	70	57
8	68	54
9	58	37
10	57	37
11	51	31
12	48	25
13	40	29
14	30	27
15	30	18
16	37	21
17	41	33
18	37	24
19	27	12
20	18	4
21	36	11
22	36	24
23	32	14
24	24	10
25	28	6
26	33	27
27	43	28
28	49	28
29	53	37
30	29	16
31	39	20
<hr/>		
Monthly		
Average	40	25

JANUARY 08 USAGE VS TEMP ANALYSIS

DATE	USAGE	HIGH	LOW
1/1/2008	299	37	17
1/2/2008	431	17	9
1/3/2008	388	26	11
1/4/2008	275	41	20
1/5/2008	177	46	34
1/6/2008	93	60	45
1/7/2008	64	70	57
1/8/2008	31	68	54
1/9/2008	105	58	37
1/10/2008	172	57	37
1/11/2008	167	51	31
1/12/2008	152	48	25
1/13/2008	209	40	29
1/14/2008	295	30	27
1/15/2008	248	30	18
1/16/2008	300	37	21
1/17/2008	255	41	33
1/18/2008	241	37	24
1/19/2008	301	27	12
1/20/2008	423	18	4
1/21/2008	328	36	11
1/22/2008	244	36	24
1/23/2008	194	32	14
1/24/2008	414	24	10
1/25/2008	371	28	6
1/26/2008	249	33	27
1/27/2008	215	43	28
1/28/2008	438	49	28
1/29/2008	149	53	37
1/30/2008	261	29	16
1/31/2008	281	39	20

7/28/2008

Daily Heating And Cooling Degree Days
February 2008
Bluegrass Field, Lexington

<hr/> <hr/>		
Temperature		
<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>
Day	High	Low
1	41	27
2	49	24
3	51	33
4	61	46
5	66	55
6	65	35
7	36	33
8	46	30
9	51	38
10	44	13
11	25	12
12	41	25
13	30	19
14	39	22
15	47	32
16	50	27
17	63	42
18	46	28
19	31	22
20	36	16
21	31	15
22	38	30
23	31	28
24	34	29
25	42	31
26	45	25
27	27	19
28	38	19
29	46	31
<hr/> <hr/>		
Monthly		
Average	43	28
<hr/> <hr/>		

date	usage	high	low
2/1/2008	281	41	27
2/2/2008	285	49	24
2/3/2008	200	51	33
2/4/2008	178	61	46
2/5/2008	134	66	55
2/6/2008	109	65	35
2/7/2008	91	36	33
2/8/2008	313	46	30
2/9/2008	83	51	38
2/10/2008	141	44	13
2/11/2008	306	25	12
2/12/2008	410	41	25
2/13/2008	317	30	19
2/14/2008	390	39	22
2/15/2008	325	47	32
2/16/2008	191	50	27
2/17/2008	177	63	42
2/18/2008	103	46	28
2/19/2008	253	31	22
2/20/2008	262	36	16
2/21/2008	284	31	15
2/22/2008	386	38	30
2/23/2008	274	31	28
2/24/2008	304	34	29
2/25/2008	331	42	31
2/26/2008	245	45	25
2/27/2008	237	27	19
2/28/2008	360	38	19
2/29/2008	311	46	31

8/4/2008

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Daily Heating And Cooling Degree Days
March 2008
Bluegrass Field, Lexington

Day	Temperature			HDD	Previous Year	CDD	Previous Year
	High	Low	Average		HDD		CDD
1	50	30	40	25	13	0	0
2	64	36	50	15	20	0	0
3	71	50	61	4	29	0	0
4	54	33	44	21	38	0	0
5	35	30	33	32	26	0	0
6	52	29	41	24	35	0	0
7	37	23	30	35	18	0	0
8	27	16	22	43	27	0	0
9	40	14	27	38	13	0	0
10	47	32	40	25	13	0	0
11	45	27	36	29	18	0	0
12	59	34	47	18	13	0	0
13	67	48	58	7	0	0	1
14	53	38	46	19	0	0	1
15	46	30	38	27	17	0	0
16	47	36	42	23	31	0	0
17	54	34	44	21	31	0	0
18	65	48	57	8	31	0	0
19	64	37	51	14	18	0	0
20	53	30	42	23	8	0	0
21	65	33	49	16	1	0	0
22	56	34	45	20	2	0	0
23	43	26	35	30	0	0	2
24	43	28	36	29	0	0	5
25	56	27	42	23	0	0	3
26	66	49	58	7	0	0	6
27	64	46	55	10	0	0	5
28	63	34	49	16	0	0	0
29	50	31	41	24	3	0	0
30	63	43	53	12	2	0	0
31	62	54	58	7	0	0	3
				645	407	0	26
Monthly Average	54	34	44	21	13	0	1

MARCH 08 TEMP VS USAGE

DATE	KWH	USA	HIGH	LOW
3/1/2008	155	50	30	
3/2/2008	120	64	36	
3/3/2008	95	71	50	
3/4/2008	78	54	33	
3/5/2008	279	35	30	
3/6/2008	159	52	29	
3/7/2008	274	37	23	
3/8/2008	338	27	16	
3/9/2008	265	40	14	
3/10/2008	206	47	32	
3/11/2008	181	45	27	
3/12/2008	147	59	34	
3/13/2008	108	67	48	
3/14/2008	130	53	38	
3/15/2008	196	46	30	
3/16/2008	167	47	36	
3/17/2008	157	54	34	
3/18/2008	98	65	48	
3/19/2008	55	64	37	
3/20/2008	160	53	30	
3/21/2008	125	65	33	
3/22/2008	132	56	34	
3/23/2008	157	43	26	
3/24/2008	149	43	28	
3/25/2008	197	56	27	
3/26/2008	97	66	49	
3/27/2008	75	64	46	
3/28/2008	76	63	34	
3/29/2008	150	50	31	
3/30/2008	138	63	43	
3/31/2008	54	62	54	

8/4/2008

Daily Heating And Cooling Degree Days
April 2008
LOUISVILLE

Temperature			
Day	High	Low	Average
1	61	45	53
2	57	40	49
3	59	43	51
4	62	46	54
5	60	41	51
6	70	40	55
7	76	48	62
8	76	53	65
9	70	57	64
10	80	59	70
11	77	54	66
12	54	41	48
13	46	40	43
14	53	39	46
15	61	37	49
16	72	40	56
17	77	50	64
18	79	45	62
19	61	50	56
20	62	47	55
21	74	49	62
22	81	53	67
23	84	58	71
24	82	58	70
25	84	66	75
26	77	54	66
27	69	47	58
28	61	41	51
29	55	39	47
30	70	38	54
Monthly Average	68	47	58

date	usage	high	low
4/1/2008	52	61	45
4/2/2008	82	57	40
4/3/2008	103	59	43
4/4/2008	96	62	46
4/5/2008	123	60	41
4/6/2008	102	70	40
4/7/2008	50	76	48
4/8/2008	59	76	53
4/9/2008	47	70	57
4/10/2008	58	80	59
4/11/2008	49	77	54
4/12/2008	93	54	41
4/13/2008	178	46	40
4/14/2008	179	53	39
4/15/2008	122	61	37
4/16/2008	60	72	40
4/17/2008	49	77	50
4/18/2008	46	79	45
4/19/2008	55	61	50
4/20/2008	76	62	57
4/21/2008	49	74	49
4/22/2008	46	81	53
4/23/2008	65	84	58
4/24/2008	124	82	58
4/25/2008	109	84	66
4/26/2008	64	77	54
4/27/2008	45	69	47
4/28/2008	46	61	41
4/29/2008	123	55	39
4/30/2008	107	70	38