

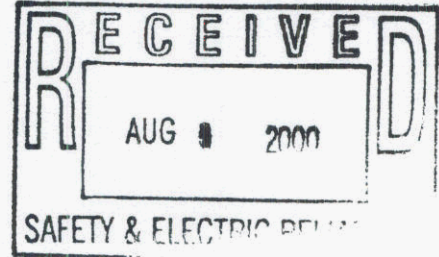
ORIGINAL



P.O. BOX 423219 • KISSIMMEE, FLORIDA 34742-3219  
407/933-7777

August 2, 2000

Mr. Michael S. Haff  
Engineer IV  
Bureau of Electric Reliability/Conservation  
Capital Circle Office Center  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850



000000-PV

Dear Mike,

I have attached Kissimmee Utility Authority's response to the FPSC's supplemental data request. If you have further questions regarding our ten-year site plan, call me at (407)933-7777, or e-mail me at [jschaefer@kua.com](mailto:jschaefer@kua.com).

Sincerely,

Jonathan Schaefer  
Planning Engineer

ATTACHMENTS

Cc: Ben Sharma, Director of Power Supply  
Robert Miller, Manager of Bulk Systems Planning

- APP \_\_\_\_\_
- CAF \_\_\_\_\_
- CMP \_\_\_\_\_
- COM \_\_\_\_\_
- CTR \_\_\_\_\_
- ECR \_\_\_\_\_
- LEG \_\_\_\_\_
- OPC \_\_\_\_\_
- PAI \_\_\_\_\_
- RGO \_\_\_\_\_
- SEC
- SER \_\_\_\_\_
- OTH \_\_\_\_\_

**GENERAL**

1. Provide all data requested on the attached forms. If any of the requested data is already included in KUA's Ten-Year Site Plan, state so on the appropriate form.

**See attached forms.**

1. Provide all data requested on the attached forms. If any of the requested data is already included in KUA's Ten-Year Site Plan, state so on the appropriate form.

**See attached forms.**

### Existing Generating Unit Operating Performance

(1) Plant Name	(2) Unit No.	(3) Planned Outage Factor (POF)		(4) Forced Outage Factor (FOF)		(5) Equivalent Availability Factor (EAF)		(6) Average Net Operating Heat Rate (ANOHR)		
		Historical	Projected	Historical	Projected	Historical	Projected	Historical	Projected	
		CANE Island	1	.0072	.05479	.003	.05	99.99	89,521	11,035
CANE Island CC	2	.0899	.07671	.0133	.05	.8968	.8733	7977	7489	
Hansel Diesel	8	.0005	.03836	.2919	.20	.7075	.76164	12,099	10,129	
Hansel Diesel	14	.0077	.03836	10105	.20	.4818	.76164	12,478	11,055	
Hansel Diesel	15	.0609	.03836	10929	.20	.8462	.76164	13,396	12,219	
Hansel Diesel	16	.0512	.03836	10473	.20	.4014	.76164	12,871	12,675	
Hansel Diesel	17	.0202	.03836	10145	.20	.9654	.76164	12,704	14,641	
Hansel Diesel	18	.0135	.03836	11395	.20	.8471	.76164	12,842	13,429	
Hansel Diesel	19	.0066	.03836	10362	.20	.9573	.76164	23,035	12,500	
Hansel Diesel	20	.0360	.03836	.1225	.05	.8416	.91164	26,443	12,500	
NOTE:		Historical - average of past three years Projected - average of next ten years								
Hansel CC	21-23	.0722	.08219	.2152	.05	.7127	.86781	11,384	9,708	

**Nominal, Delivered Residual Oil Prices  
High Case**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Residual Oil (By Sulfur Content)									
Year	Less Than 0.7%		Escalation	0.7 - 2.0%		Escalation	Greater Than 2.0%		Escalation
	\$/BBL	c/MBTU	%	\$/BBL	c/MBTU	%	\$/BBL	c/MBTU	%

history:

- 1997
- 1998
- 1999

forecast:

- 2000
- 2001
- 2002
- 2003
- 2004
- 2005
- 2006
- 2007
- 2008
- 2009

ASSUMPTIONS: heat content, ash content

**Nominal, Delivered Residual Oil Prices  
Low Case**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Residual Oil (By Sulfur Content)									
Year	Less Than 0.7%		Escalation	0.7 - 2.0%		Escalation	Greater Than 2.0%		Escalation
	\$/BBL	c/MBTU	%	\$/BBL	c/MBTU	%	\$/BBL	c/MBTU	%

history:

1997  
1998  
1999

forecast:

2000  
2001  
2002  
2003  
2004  
2005  
2006  
2007  
2008  
2009

ASSUMPTIONS: heat content, ash content

**Nominal, Delivered Distillate Oil and Natural Gas Prices  
High Case**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Year	Distillate Oil			Natural Gas		
	\$/BBL	c/MBTU	Escalation %	c/MBTU	\$/MCF	Escalation %
history:						
1997	28.69	488	- .068	252	2.52	- 3.07
1998	28.64	487	- .068	210	2.10	- 3.17
1999	28.64	487	- .068	228	2.28	- 3.17
forecast:						
2000	37.87	644	2.19	346	3.46	1.71
2001	38.16	649	2.19	322	3.22	1.71
2002	38.22	650	2.19	324	3.24	1.71
2003	38.87	661	2.19	337	3.37	1.71
2004	39.63	674	2.19	343	3.43	1.71
2005	40.27	685	2.19	350	3.50	1.71
2006	41.16	700	2.19	358	3.58	1.71
2007	42.57	724	2.19	372	3.72	1.71
2008	44.22	752	2.19	388	3.88	1.71
2009	46.16	785	2.19	405	4.05	1.71

ASSUMPTIONS FOR DISTILLATE OIL: heat content, ash content, sulfur content



**Nominal, Delivered Distillate Oil and Natural Gas Prices  
Low Case**

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Year	Distillate Oil			Natural Gas		
	\$/BBL	c/MBTU	Escalation %	c/MBTU	\$/MCF	Escalation %
history:						
1997						
1998						
1999						
forecast:						
2000	18.11	308	1.79	236	2.36	1.89
2001	17.64	300	1.79	216	2.16	
2002	17.64	300	1.79	217	2.17	
2003	17.99	306	1.79	224	2.24	
2004	18.29	311	1.79	225	2.25	
2005	18.64	317	1.79	227	2.27	
2006	18.99	323	1.79	231	2.31	
2007	19.70	335	1.79	239	2.39	
2008	20.46	348	1.79	247	2.47	
2009	21.34	363	1.79	257	2.57	

ASSUMPTIONS FOR DISTILLATE OIL: heat content, ash content, sulfur content

**Nominal, Delivered Coal Prices  
High Case**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Low Sulfur Coal (< 1.0%)					Medium Sulfur Coal (1.0 - 2.0%)				High Sulfur Coal (> 2.0%)			
Year	\$/Ton	c/MBTU	Escalation %	% Spot Purchase	\$/Ton	c/MBTU	Escalation %	% Spot Purchase	\$/Ton	c/MBTU	Escalation %	% Spot Purchase
history:												
1997	44.72	173	0%	0%								
1998	44.72	173										
1999	44.72	173										
forecast:												
2000	39.26	151										
2001	37.96	143										
2002	39.60	150										
2003	40.30	155										
2004	42.82	157	190%	0%								
2005	42.12	162										
2006	43.16	166										
2007	44.72	172										
2008	45.76	176										
2009	47.06	181										

ASSUMPTIONS: type of coal, heat content, ash content

**Nominal, Delivered Coal Prices  
Low Case**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Low Sulfur Coal (< 1.0%)					Medium Sulfur Coal (1.0 - 2.0%)				High Sulfur Coal (> 2.0%)			
Year	\$/Ton	c/MBTU	Escalation %	% Spot Purchase	\$/Ton	c/MBTU	Escalation %	% Spot Purchase	\$/Ton	c/MBTU	Escalation %	% Spot Purchase
history:												
1997	44.72	173	0%	0%								
1998	44.72	173										
1999	44.72	173										
forecast:												
2000	34.37	132										
2001	31.98	123										
2002	33.54	129										
2003	34.58	133										
2004	34.84	134	144%	0%								
2005	35.88	138										
2006	36.46	140										
2007	37.70	145										
2008	38.48	148										
2009	39.26	151										

ASSUMPTIONS: type of coal, heat content, ash content

**Loss of Load Probability, Reserve Margin,  
and Expected Unserved Energy  
Base Case Load Forecast**

(1) Year	(2) Annual Isolated			(6) Annual Assisted			
	(2) Loss of Load Probability (Days/Yr)	(3) Reserve Margin % (Including Firm Purch.)	(4) Expected Unserved Energy (MWh)	(5) Loss of Load Probability (Days/Yr)	(6) Reserve Margin (%)	(7) Expected Unserved Energy (MWh)	
2000	NA				S E E T Y S D		
2001						NA	
2002							
2003							
2004							
2005							
2006							
2007							
2008							
2009							

**Financial Assumptions  
Base Case**

AFUDC RATE 6.0 %

**CAPITALIZATION RATIOS:**

DEBT 70.9 %  
PREFERRED NA %  
EQUITY 29.1 %

**RATE OF RETURN**

DEBT 1.07 %  
PREFERRED NA %  
EQUITY 1.09 %

**INCOME TAX RATE:**

STATE NA %  
FEDERAL NA %  
EFFECTIVE NA %

OTHER TAX RATE: NA %

DISCOUNT RATE: 6.0 %

TAX  
DEPRECIATION RATE: NA %

### Financial Escalation Assumptions

(1)	(2)	(3)	(4)	(5)
Year	General Inflation %	Plant Construction Cost %	Fixed O&M Cost %	Variable O&M Cost %
2000	2.5%	2.5%	2.5%	2.5%
2001	↓	↓	↓	↓
2002	↓	↓	↓	↓
2003	↓	↓	↓	↓
2004	↓	↓	↓	↓
2005	↓	↓	↓	↓
2006	↓	↓	↓	↓
2007	↓	↓	↓	↓
2008	↓	↓	↓	↓
2009	↓	↓	↓	↓

## **PLANNING**

2. Identify and discuss any firm power purchases that KUA expects to make from other utilities over the planning horizon. If an unidentified or unconfirmed future power purchase is part of KUA's generation expansion plan, explain the nature of that purpose.

**In the first half of 2001, KUA has an unspecified 30MW purchase. This need for power is as a result of the end of KUA's short-term purchases which conclude at the end of calendar 2000. KUA is in the process of firming up replacement for this contract.**



**ENVIRONMENTAL**

3. Identify and discuss all proposed or reasonably expected State and Federal environmental regulations or legislation that impacted KUA's generation expansion plan.

**KUA did not consider proposed environmental regulation in the development of the generation expansion plan.**

## **LOAD FORECASTING**

4. Provide, on a system-wide basis, historical annual heating degree day (HDD) data for the period 1990-1999 and forecasted annual HDD data for the period 2000-2009.

**See Attachment A.**

5. Provide, on a system-wide basis, historical annual cooling degree day (CDD) data for the period 1990-1999 and forecasted annual CDD data for the period 2000-2009.

**See Attachment A.**

6. Provide, on a system-wide basis, the historical average annual real retail price of electricity in KUA's service territory for the period 1990-1999. Also, provide the forecasted annual real retail price of electricity in KUA's service territory for the period 2000-2009. Indicate the type of deflator used to calculate the historical prices and forecasted real retail prices.

**Real retail prices for electricity are shown in Attachment A. The type of deflator used to convert prices into real terms is the consumer price index (CPI). Actual values are used through the historical period, and an assumed CPI of 3.0% was used for the forecast period.**

7. Provide the following data to support Schedule 4 of KUA's Ten-Year Site Plan: the 12 monthly peak demands for the years 1997, 1998, and 1999; and the date on which these peaks occurred.

**See Attachment B.**

**ATTACHMENT A**  
**KISSIMMEE UTILITY AUTHORITY**  
2000 FPSC Supplemental Data Request

Load Forecasting Section

Month	HDD	CDD	Real Price of Electricity		
			Residential	Small Commercial	Large Commercial
Jan-90	89.16	77.34	71.15	108.63	1,304.08
Feb-90	42.67	122.59	70.82	108.13	1,297.97
Mar-90	11.57	124.61	70.44	107.54	1,290.91
Apr-90	6.81	176.18	70.33	107.37	1,288.91
May-90	0.00	408.81	70.16	107.12	1,285.91
Jun-90	0.00	455.54	69.78	106.54	1,278.98
Jul-90	0.00	499.97	69.52	106.14	1,274.08
Aug-90	0.00	508.07	71.16	107.45	1,264.74
Sep-90	0.00	463.88	70.57	106.56	1,254.26
Oct-90	7.85	337.44	69.14	104.37	1,227.93
Nov-90	21.89	130.48	69.40	104.55	1,225.58
Dec-90	83.95	86.45	71.73	106.89	1,227.92
<b>Total</b>	<b>263.90</b>	<b>3,391.36</b>			
<b>Average</b>			<b>70.35</b>	<b>106.77</b>	<b>1,268.44</b>
Jan-91	85.76	85.10	71.31	106.25	1,220.62
Feb-91	93.71	49.86	71.20	106.09	1,218.81
Mar-91	54.76	120.88	71.10	105.94	1,217.01
Apr-91	0.88	272.04	68.21	103.00	1,212.43
May-91	0.00	402.72	69.57	104.25	1,210.41
Jun-91	0.00	435.43	71.93	106.51	1,209.41
Jul-91	0.00	482.47	71.39	105.92	1,207.20
Aug-91	0.00	510.44	67.00	101.43	1,199.49
Sep-91	0.00	458.44	66.04	100.32	1,193.57
Oct-91	0.00	268.52	65.67	99.90	1,191.57
Nov-91	101.39	95.74	65.59	99.72	1,188.22
Dec-91	85.91	78.06	64.70	98.81	1,186.51
<b>Total</b>	<b>422.41</b>	<b>3,259.70</b>			
<b>Average</b>			<b>68.64</b>	<b>103.18</b>	<b>1,204.60</b>

**ATTACHMENT A**  
**KISSIMMEE UTILITY AUTHORITY**  
2000 FPSC Supplemental Data Request

Load Forecasting Section

Month	HDD	CDD	Real Price of Electricity		
			Residential	Small Commercial	Large Commercial
Jan-92	200.39	18.26	66.66	100.72	1,186.85
Feb-92	105.59	60.40	64.53	98.47	1,180.68
Mar-92	56.78	82.70	63.32	97.08	1,173.86
Apr-92	25.84	140.10	56.01	83.86	955.58
May-92	5.99	281.23	57.94	85.75	956.22
Jun-92	0.00	431.90	58.81	86.52	953.89
Jul-92	0.00	562.73	58.56	86.21	951.72
Aug-92	0.00	459.21	58.03	85.61	948.67
Sep-92	0.00	429.89	57.25	84.74	945.36
Oct-92	0.00	216.10	56.64	84.04	941.62
Nov-92	57.79	187.98	56.89	84.25	940.62
Dec-92	113.61	38.24	57.42	84.80	941.78
<b>Total</b>	<b>565.99</b>	<b>2,908.74</b>			
<b>Average</b>			<b>59.34</b>	<b>88.50</b>	<b>1,006.40</b>
Jan-93	87.23	90.41	57.46	84.71	937.48
Feb-93	156.77	7.69	57.13	84.28	934.07
Mar-93	88.26	63.56	57.16	84.21	931.05
Apr-93	14.66	103.54	57.22	84.19	928.67
May-93	0.00	308.19	57.63	84.57	927.88
Jun-93	0.00	455.98	56.97	83.87	926.01
Jul-93	0.00	530.14	56.90	83.80	925.94
Aug-93	0.00	510.54	57.69	84.52	924.34
Sep-93	0.00	431.33	57.67	84.45	922.52
Oct-93	7.13	274.79	57.33	84.00	918.62
Nov-93	48.62	112.86	57.17	83.81	917.87
Dec-93	215.27	7.10	56.91	83.55	917.61
<b>Total</b>	<b>617.94</b>	<b>2,896.13</b>			
<b>Average</b>			<b>57.27</b>	<b>84.16</b>	<b>926.00</b>

**ATTACHMENT A**  
**KISSIMMEE UTILITY AUTHORITY**  
2000 FPSC Supplemental Data Request

Load Forecasting Section

Month	HDD	CDD	Real Price of Electricity		
			Residential	Small Commercial	Large Commercial
Jan-94	178.61	28.11	56.64	83.22	914.99
Feb-94	69.60	65.36	56.34	82.82	911.76
Mar-94	51.09	111.03	56.38	82.77	908.89
Apr-94	2.56	234.39	56.26	82.62	907.62
May-94	0.00	346.25	56.49	82.83	907.27
Jun-94	0.00	428.03	60.58	86.83	908.49
Jul-94	0.00	446.87	59.52	85.70	905.14
Aug-94	0.00	432.10	58.69	84.77	900.91
Sep-94	0.00	368.54	56.80	82.81	896.76
Oct-94	0.00	290.50	55.21	81.20	894.61
Nov-94	6.80	173.28	53.21	79.17	891.49
Dec-94	105.15	53.68	53.27	79.23	891.55
<b>Total</b>	<b>413.81</b>	<b>2,978.14</b>			
<b>Average</b>			<b>56.62</b>	<b>82.83</b>	<b>903.29</b>
Jan-95	226.13	13.99	52.60	78.45	887.53
Feb-95	163.37	35.55	50.95	76.69	882.56
Mar-95	36.50	92.24	51.40	77.06	880.34
Apr-95	5.40	203.63	50.98	76.56	877.12
May-95	0.00	429.05	51.31	76.83	875.82
Jun-95	0.00	401.74	52.50	77.97	875.38
Jul-95	0.00	503.07	52.71	78.18	875.60
Aug-95	0.00	505.26	51.38	76.79	872.11
Sep-95	0.00	441.50	50.78	76.14	869.90
Oct-95	0.00	345.99	49.80	75.08	866.26
Nov-95	87.81	93.12	49.19	74.49	866.19
Dec-95	204.40	39.44	49.32	74.63	866.85
<b>Total</b>	<b>723.61</b>	<b>3,104.58</b>			
<b>Average</b>			<b>51.08</b>	<b>76.57</b>	<b>874.64</b>

**ATTACHMENT A**  
**KISSIMMEE UTILITY AUTHORITY**  
2000 FPSC Supplemental Data Request

Load Forecasting Section

Month	HDD	CDD	Real Price of Electricity		
			Residential	Small Commercial	Large Commercial
Jan-96	215.03	27.00	48.67	73.83	861.43
Feb-96	179.96	46.35	50.00	75.08	860.14
Mar-96	158.75	63.21	49.58	74.53	855.55
Apr-96	17.97	192.88	49.77	74.63	852.65
May-96	0.00	424.03	50.07	74.88	851.41
Jun-96	0.00	462.17	52.97	77.77	853.80
Jul-96	0.00	517.22	52.71	77.46	852.01
Aug-96	0.00	446.43	50.92	75.62	848.70
Sep-96	0.00	416.04	55.43	80.05	850.68
Oct-96	4.17	239.09	52.33	76.87	845.07
Nov-96	46.39	98.49	48.94	73.44	840.18
Dec-96	139.37	21.52	49.63	74.13	840.87
<b>Total</b>	<b>761.64</b>	<b>2,954.43</b>			
<b>Average</b>			<b>50.92</b>	<b>75.69</b>	<b>851.04</b>
Jan-97	174.51	17.47	53.15	77.57	841.90
Feb-97	61.07	91.54	54.49	78.84	840.77
Mar-97	0.77	196.16	54.34	78.62	838.65
Apr-97	9.68	138.51	53.14	77.39	836.47
May-97	0.00	327.29	52.76	77.03	836.58
Jun-97	0.00	396.72	50.96	75.20	833.81
Jul-97	0.00	462.78	49.98	74.18	831.84
Aug-97	0.00	481.77	51.10	75.26	831.51
Sep-97	0.00	427.52	49.32	73.42	827.80
Oct-97	7.40	247.79	48.95	72.99	825.50
Nov-97	57.37	76.58	48.58	72.63	825.60
Dec-97	180.05	59.11	48.72	72.80	826.71
<b>Total</b>	<b>490.85</b>	<b>2,923.24</b>			
<b>Average</b>			<b>51.29</b>	<b>75.49</b>	<b>833.09</b>



**ATTACHMENT A**  
**KISSIMMEE UTILITY AUTHORITY**  
2000 FPSC Supplemental Data Request

Load Forecasting Section

Month	HDD	CDD	Real Price of Electricity		
			Residential	Small Commercial	Large Commercial
Jan-98	138.28	45.62	49.25	73.29	825.79
Feb-98	137.24	33.67	49.39	73.39	824.50
Mar-98	136.06	83.94	48.18	72.13	821.86
Apr-98	8.29	184.64	49.77	73.68	822.02
May-98	0.00	364.15	49.32	73.18	820.14
Jun-98	0.00	559.20	50.20	74.04	820.08
Jul-98	0.00	527.81	51.02	74.82	819.95
Aug-98	0.00	505.67	48.04	71.82	816.03
Sep-98	0.00	423.47	46.78	70.53	813.83
Oct-98	0.00	343.78	48.06	71.75	813.24
Nov-98	8.59	171.15	49.29	72.98	814.48
Dec-98	70.74	108.66	50.79	74.49	816.44
<b>Total</b>	<b>499.20</b>	<b>3,351.76</b>			
<b>Average</b>			<b>49.17</b>	<b>73.01</b>	<b>819.03</b>
Jan-99	121.73	61.10	50.06	73.71	813.85
Feb-99	100.89	49.32	49.08	72.70	811.94
Mar-99	61.82	46.91	47.53	71.08	808.08
Apr-99	13.23	261.12	48.03	71.40	803.08
May-99	6.51	289.29	50.14	73.52	805.20
Jun-99	0.00	385.24	50.34	73.71	805.39
Jul-99	0.00	507.32	50.03	73.34	802.82
Aug-99	0.00	499.55	49.86	73.11	800.85
Sep-99	0.00	419.74	49.02	72.22	798.46
Oct-99	5.07	285.37	48.50	72.03	808.74
Nov-99	47.14	126.81	48.40	71.89	807.08
Dec-99	150.69	50.42	48.30	71.74	805.42
<b>Total</b>	<b>507.09</b>	<b>2,982.19</b>			
<b>Average</b>			<b>49.11</b>	<b>72.54</b>	<b>805.91</b>

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Load Forecasting Section

Month	HDD	CDD	Real Price of Electricity		
			Residential	Small Commercial	Large Commercial
Jan-00	151.68	46.44	48.20	71.59	803.76
Feb-00	111.09	56.23	48.10	71.44	802.11
Mar-00	65.64	98.52	48.00	71.30	800.46
Apr-00	10.53	190.70	47.90	71.15	798.82
May-00	1.25	358.10	47.80	71.00	797.18
Jun-00	0.00	441.20	47.71	70.86	795.54
Jul-00	0.00	504.04	47.61	70.71	793.90
Aug-00	0.00	485.90	47.51	70.57	792.27
Sep-00	0.00	428.04	47.41	70.42	790.64
Oct-00	5.07	285.37	48.07	71.41	802.01
Nov-00	47.14	126.81	47.97	71.26	800.36
Dec-00	150.69	50.42	47.87	71.11	798.72
<b>Total</b>	<b>543.10</b>	<b>3,071.77</b>			
<b>Average</b>			<b>47.84</b>	<b>71.07</b>	<b>797.98</b>
Jan-01	151.68	46.44	47.77	70.97	797.07
Feb-01	111.09	56.23	47.67	70.82	795.44
Mar-01	65.64	98.52	47.57	70.68	793.80
Apr-01	10.53	190.70	47.48	70.53	792.17
May-01	1.25	358.10	47.38	70.39	790.54
Jun-01	0.00	441.20	47.28	70.24	788.91
Jul-01	0.00	504.04	47.18	70.10	787.29
Aug-01	0.00	485.90	47.09	69.95	785.67
Sep-01	0.00	428.04	46.99	69.81	784.06
Oct-01	5.07	285.37	47.64	70.79	795.34
Nov-01	47.14	126.81	47.54	70.64	793.70
Dec-01	150.69	50.42	47.44	70.50	792.07
<b>Total</b>	<b>543.10</b>	<b>3,071.77</b>			
<b>Average</b>			<b>47.42</b>	<b>70.45</b>	<b>791.34</b>

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Load Forecasting Section

Month	HDD	CDD	Real Price of Electricity		
			Residential	Small Commercial	Large Commercial
Jan-02	151.68	46.44	47.35	70.35	790.44
Feb-02	111.09	56.23	47.25	70.21	788.82
Mar-02	65.64	98.52	47.15	70.06	787.20
Apr-02	10.53	190.70	47.06	69.92	785.58
May-02	1.25	358.10	46.96	69.78	783.96
Jun-02	0.00	441.20	46.86	69.63	782.35
Jul-02	0.00	504.04	46.77	69.49	780.74
Aug-02	0.00	485.90	46.67	69.35	779.14
Sep-02	0.00	428.04	46.57	69.20	777.54
Oct-02	5.07	285.37	46.48	69.06	775.94
Nov-02	47.14	126.81	46.38	68.92	774.34
Dec-02	150.69	50.42	46.29	68.78	772.75
<b>Total</b>	<b>543.10</b>	<b>3,071.77</b>			
<b>Average</b>			<b>46.81</b>	<b>69.56</b>	<b>781.57</b>
Jan-03	151.68	46.44	46.19	68.64	771.16
Feb-03	111.09	56.23	46.10	68.50	769.58
Mar-03	65.64	98.52	46.00	68.35	768.00
Apr-03	10.53	190.70	45.91	68.21	766.42
May-03	1.25	358.10	45.81	68.07	764.84
Jun-03	0.00	441.20	45.72	67.93	763.27
Jul-03	0.00	504.04	45.63	67.79	761.70
Aug-03	0.00	485.90	45.53	67.65	760.13
Sep-03	0.00	428.04	45.44	67.52	758.57
Oct-03	5.07	285.37	45.34	67.38	757.01
Nov-03	47.14	126.81	45.25	67.24	755.46
Dec-03	150.69	50.42	45.16	67.10	753.90
<b>Total</b>	<b>543.10</b>	<b>3,071.77</b>			
<b>Average</b>			<b>45.67</b>	<b>67.87</b>	<b>762.50</b>

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Load Forecasting Section

Month	HDD	CDD	Real Price of Electricity		
			Residential	Small Commercial	Large Commercial
Jan-04	151.68	46.44	45.07	66.96	752.35
Feb-04	111.09	56.23	44.97	66.82	750.81
Mar-04	65.64	98.52	44.88	66.69	749.26
Apr-04	10.53	190.70	44.79	66.55	747.72
May-04	1.25	358.10	44.70	66.41	746.19
Jun-04	0.00	441.20	44.60	66.28	744.65
Jul-04	0.00	504.04	44.51	66.14	743.12
Aug-04	0.00	485.90	44.42	66.00	741.59
Sep-04	0.00	428.04	44.33	65.87	740.07
Oct-04	5.07	285.37	44.24	65.73	738.55
Nov-04	47.14	126.81	44.15	65.60	737.03
Dec-04	150.69	50.42	44.06	65.46	735.52
<b>Total</b>	<b>543.10</b>	<b>3,071.77</b>			
<b>Average</b>			<b>44.56</b>	<b>66.21</b>	<b>743.91</b>
Jan-05	151.68	46.44	43.97	65.33	734.00
Feb-05	111.09	56.23	43.88	65.19	732.50
Mar-05	65.64	98.52	43.79	65.06	730.99
Apr-05	10.53	190.70	43.70	64.93	729.49
May-05	1.25	358.10	43.61	64.79	727.99
Jun-05	0.00	441.20	43.52	64.66	726.49
Jul-05	0.00	504.04	43.43	64.53	725.00
Aug-05	0.00	485.90	43.34	64.39	723.51
Sep-05	0.00	428.04	43.25	64.26	722.02
Oct-05	5.07	285.37	43.16	64.13	720.54
Nov-05	47.14	126.81	43.07	64.00	719.05
Dec-05	150.69	50.42	42.98	63.87	717.58
<b>Total</b>	<b>543.10</b>	<b>3,071.77</b>			
<b>Average</b>			<b>43.47</b>	<b>64.59</b>	<b>725.76</b>

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Load Forecasting Section

Month	HDD	CDD	Real Price of Electricity		
			Residential	Small Commercial	Large Commercial
Jan-06	151.68	46.44	42.89	63.74	716.10
Feb-06	111.09	56.23	42.81	63.60	714.63
Mar-06	65.64	98.52	42.72	63.47	713.16
Apr-06	10.53	190.70	42.63	63.34	711.69
May-06	1.25	358.10	42.54	63.21	710.23
Jun-06	0.00	441.20	42.46	63.08	708.77
Jul-06	0.00	504.04	42.37	62.95	707.31
Aug-06	0.00	485.90	42.28	62.82	705.86
Sep-06	0.00	428.04	42.19	62.70	704.41
Oct-06	5.07	285.37	42.11	62.57	702.96
Nov-06	47.14	126.81	42.02	62.44	701.52
Dec-06	150.69	50.42	41.93	62.31	700.07
<b>Total</b>	<b>543.10</b>	<b>3,071.77</b>			
<b>Average</b>			<b>42.41</b>	<b>63.02</b>	<b>708.06</b>
Jan-07	151.68	46.44	41.85	62.18	698.64
Feb-07	111.09	56.23	41.76	62.05	697.20
Mar-07	65.64	98.52	41.68	61.93	695.77
Apr-07	10.53	190.70	41.59	61.80	694.34
May-07	1.25	358.10	41.50	61.67	692.91
Jun-07	0.00	441.20	41.42	61.54	691.48
Jul-07	0.00	504.04	41.33	61.42	690.06
Aug-07	0.00	485.90	41.25	61.29	688.64
Sep-07	0.00	428.04	41.16	61.17	687.23
Oct-07	5.07	285.37	41.08	61.04	685.82
Nov-07	47.14	126.81	41.00	60.91	684.41
Dec-07	150.69	50.42	40.91	60.79	683.00
<b>Total</b>	<b>543.10</b>	<b>3,071.77</b>			
<b>Average</b>			<b>41.38</b>	<b>61.48</b>	<b>690.79</b>

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Load Forecasting Section

Month	HDD	CDD	Real Price of Electricity		
			Residential	Small Commercial	Large Commercial
Jan-08	151.68	46.44	40.83	60.66	681.60
Feb-08	111.09	56.23	40.74	60.54	680.19
Mar-08	65.64	98.52	40.66	60.42	678.80
Apr-08	10.53	190.70	40.58	60.29	677.40
May-08	1.25	358.10	40.49	60.17	676.01
Jun-08	0.00	441.20	40.41	60.04	674.62
Jul-08	0.00	504.04	40.33	59.92	673.23
Aug-08	0.00	485.90	40.24	59.80	671.85
Sep-08	0.00	428.04	40.16	59.67	670.47
Oct-08	5.07	285.37	40.08	59.55	669.09
Nov-08	47.14	126.81	40.00	59.43	667.71
Dec-08	150.69	50.42	39.91	59.31	666.34
<b>Total</b>	<b>543.10</b>	<b>3,071.77</b>			
<b>Average</b>			<b>40.37</b>	<b>59.98</b>	<b>673.94</b>
Jan-09	151.68	46.44	39.83	59.18	664.97
Feb-09	111.09	56.23	39.75	59.06	663.60
Mar-09	65.64	98.52	39.67	58.94	662.24
Apr-09	10.53	190.70	39.59	58.82	660.88
May-09	1.25	358.10	39.50	58.70	659.52
Jun-09	0.00	441.20	39.42	58.58	658.16
Jul-09	0.00	504.04	39.34	58.46	656.81
Aug-09	0.00	485.90	39.26	58.34	655.46
Sep-09	0.00	428.04	39.18	58.22	654.11
Oct-09	5.07	285.37	39.10	58.10	652.77
Nov-09	47.14	126.81	39.02	57.98	651.43
Dec-09	150.69	50.42	38.94	57.86	650.09
<b>Total</b>	<b>543.10</b>	<b>3,071.77</b>			
<b>Average</b>			<b>39.38</b>	<b>58.52</b>	<b>657.50</b>

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**KISSIMMEE UTILITY AUTHORITY**  
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Load Forecasting Section

Month	HDD	CDD	Real Price of Electricity		
			Residential	Small Commercial	Large Commercial
Jan-10	151.68	46.44	38.86	57.74	648.75
Feb-10	111.09	56.23	38.78	57.62	647.42
Mar-10	65.64	98.52	38.70	57.50	646.09
Apr-10	10.53	190.70	38.62	57.39	644.76
May-10	1.25	358.10	38.54	57.27	643.43
Jun-10	0.00	441.20	38.46	57.15	642.11
Jul-10	0.00	504.04	38.38	57.03	640.79
Aug-10	0.00	485.90	38.30	56.92	639.47
Sep-10	0.00	428.04	38.23	56.80	638.16
Oct-10	5.07	285.37	38.15	56.68	636.85
Nov-10	47.14	126.81	38.07	56.57	635.54
Dec-10	150.69	50.42	37.99	56.45	634.23
<b>Total</b>	<b>543.10</b>	<b>3,071.77</b>			
<b>Average</b>			<b>38.42</b>	<b>57.09</b>	<b>641.47</b>

**ATTACHMENT B**  
**KISSIMMEE UTILITY AUTHORITY**  
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Load Forecasting Section

<b>Month</b>	<b>Peak Demand</b>	<b>Date</b>
Jan-97	198.00	01/19/97
Feb-97	143.00	02/12/97
Mar-97	155.00	03/04/97
Apr-97	157.00	04/27/97
May-97	196.00	05/21/97
Jun-97	202.00	06/26/97
Jul-97	216.00	07/04/97
Aug-97	216.00	08/18/97
Sep-97	197.00	09/02/97
Oct-97	180.00	10/01/97
Nov-97	144.00	11/01/97
Dec-97	178.00	12/15/97
<b>Annual Peak</b>	<b>216.00</b>	
Jan-98	152.00	01/01/98
Feb-98	166.00	02/09/98
Mar-98	164.00	03/13/98
Apr-98	164.00	04/17/98
May-98	194.00	05/22/98
Jun-98	231.00	06/17/98
Jul-98	233.00	07/02/98
Aug-98	231.00	08/12/98
Sep-98	216.00	09/01/98
Oct-98	205.00	10/06/98
Nov-98	164.00	11/18/98
Dec-98	149.00	12/24/98
<b>Annual Peak</b>	<b>233.00</b>	
Jan-99	219.00	01/06/99
Feb-99	175.00	02/23/99
Mar-99	151.00	03/05/99
Apr-99	201.00	04/27/99
May-99	199.00	05/25/99
Jun-99	218.00	06/15/99
Jul-99	231.00	07/31/99
Aug-99	236.00	08/30/99
Sep-99	236.00	09/06/99
Oct-99	196.00	10/20/99
Nov-99	158.00	11/01/99
Dec-99	160.40	12/26/99
<b>Annual Peak</b>	<b>236.00</b>	