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KNOXVILLE
MEMPHIS

November 9, 2009

**VIA EMAIL AND HAND DELIVERY**

Chairman Sara Kyle
c/o Ms. Sharla Dillon
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, Tennessee 37243

filed electronically in docket office on 11/09/09

**Re: Petition of Piedmont Natural Gas, Inc. for Approval of Service Schedule No. 317 and Related Energy Efficiency Programs**
***Docket No. 09-00104***

Dear Chairman Kyle:

Enclosed please find an original and five (5) copies of Piedmont Natural Gas, Inc.'s Supplemental Responses to the Consumer Advocate and Protection Division's Discovery Requests for filing in Docket No. 09-00104. Please note that, because some Responses involve Excel spreadsheets containing Confidential Information, Piedmont has designated those Responses as Proprietary Information to be filed under seal. Accordingly, Piedmont is providing those Confidential, electronic files on a separate diskette labeled Proprietary Information.

Due to the confidential nature of the information provided, Piedmont and the Consumer Advocate are currently negotiating a Protective Order to submit in this Docket and would expect to submit a proposed Protective Order with the TRA in the near future. Accordingly, confidential information is being filed under seal pending entry of a Protective Order.

An electronic copy of the public filing has also been transmitted electronically to the Tennessee Regulatory Authority Docket Manager, Sharla Dillon. Please stamp one copy as "filed" and return to me by way of our courier. Should you have any questions concerning any of the enclosed, please do not hesitate to contact me.

With kindest regards, I remain

Very truly yours,

R. Dale Grimes

Enclosures

cc: Hon. Mary Freeman (*w/o enclosure*)
Hon. Eddie Roberson, Ph.D. (*w/o enclosure*)
Hon. Kenneth C. Hill (*w/o enclosure*)
James H. Jeffries, Esq.

**IN THE TENNESSEE REGULATORY AUTHORITY**
**AT NASHVILLE, TENNESSEE**

| | | |
|---|---|---|
| **IN RE:** | ) | |
| | ) | |
| **Petition of Piedmont Natural Gas** | ) | **DOCKET NO. 09-00104** |
| **Company, Inc. for Approval of Service** | ) | |
| **Schedule No. 317 and Related Energy** | ) | |
| **Efficiency Programs** | ) | |

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**PIEDMONT NATURAL GAS COMPANY, INC.'S**
**FIRST SUPPLEMENT TO ITS OBJECTIONS AND RESPONSES TO THE**
**CONSUMER ADVOCATE'S DISCOVERY REQUESTS**

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Piedmont Natural Gas, Inc., ("Piedmont" or "Company"), through counsel, hereby supplements its Objections and Responses to the Consumer Advocate's Discovery Requests pursuant to Rules 26, 33, 34 and 36 of the Tennessee Rules of Civil Procedure and Tenn. Comp. R. & Reg. 1220-1-2-.11.

## GENERAL OBJECTIONS

1. Piedmont reiterates and incorporates by reference the same General Objections listed in Piedmont's original responses to the Consumer Advocate's Discovery Request.

## SUPPLEMENTAL RESPONSES

17. Provide the cumulative percentage increase per residential customer for the Customer Utilization Tracker ("CUT") solely due to weather since inception through September 2009 in North Carolina. Provide all workpapers (in electronic spreadsheet format with all formulas and links intact) and supporting documents used to develop this response and explain all assumptions and calculations used.

**SUPPLEMENTAL RESPONSE:** The WNA in North Carolina was discontinued effective with the inception of the CUT on November 1, 2005. Therefore, the Customer Utilization Deferred Account Adjustment each month (and the Margin Decoupling Deferred Account Adjustment each month) accounted for variations in North Carolina customer usage due to weather and due to ongoing conservation and energy efficiency efforts. Piedmont has estimated that had the WNA been continued in North Carolina in conjunction with the CUT (and, subsequently, with the MDT), the WNA would have accounted for roughly half of the Adjustments under the CUT and MDT mechanisms.

Piedmont objects to producing the requested workpapers in Excel format, but see Attachment 1 to Piedmont's Supplemental Response to Discovery Request 17 for a PDF document that shows how Piedmont arrived at this estimate for FY 2006, 2007 and 2008. A calculation for FY 2009 has not yet been performed. The summary pages of the attachment show the results of the calculations for each fiscal year that support the estimate of 50% being weather related in North Carolina. "Normal" margin was calculated using the Normal Degree Days and 2005 Rate Case usage factors, as approved by the NCUC. "Theoretical Actual" margin was calculated using Actual Degree Days in North Carolina and 2005 North Carolina Rate Case usage factors. "Actual" margin was calculated using actual usage times margin rates. The difference between Normal margin and Theoretical Actual margin is considered to be the weather impact. The difference between Theoretical Actual margin and Actual margin is considered to be the conservation/energy efficiency impact.

33. Provide all empirical analyses, studies and other documentation which examine the cost of serving a new customer versus the cost of serving an existing customer. In your response please provide a detailed cost breakout (by primary USOA Account) that shows the cost of adding a new residential, commercial, and industrial customer versus the embedded (average) cost of serving existing residential, commercial, and industrial customers. Provide the requested information separately by customer group, i.e. residential, commercial, and industrial. Provide any associated documentation for the information provided in response to this request and explain all assumptions used. Provide workpapers in electronic spreadsheet form, with all links and formulas intact, source data used, and explain all assumptions and calculations used. To the extent the data does not exist in the exact format requested, please provide it in the format in which it is available and explain why it is not available in the format requested.

**SUPPLEMENTAL RESPONSE**: The Company does not currently perform such detailed analysis nor does it maintain records with the detail necessary to provide the analysis as requested. The Company does calculate the amount of investment in distribution plant each year in comparison to the number of customer additions. Attachment 1 to Piedmont's original Response to Discovery Request 33 shows a summary of the investment, the number of customers and the resulting costs per customer for 2004 through 2009. It also includes a look at embedded costs per customer for all existing customers as of December 2008. Attachment 2 to Piedmont's original response to Discovery Request 33 shows detail of these calculations, plus the plant balances as of December of 2008.

36. Provide the amount of inducements paid to developers, homebuilders, government agencies, etc. for the use of natural gas in Tennessee by year by NARUC account for the years ended 2004, 2005, 2006, 2007, 2008 and year to date 2009.

**SUPPLEMENTAL RESPONSE:** See Attachment 1 to Piedmont's Supplemental Response to Discovery Request 36 (Confidential). Note that effective November 1, 2005, Piedmont no longer offered or provided inducements to developers, homebuilders or government agencies for the use of natural gas in Tennessee.

37. State the amount of CIAC, and accumulated amortization of CIAC, by category, actually collected from each class of customer. If the Company does not have the requested information, please explain why it does not maintain records that would allow it to associate contributions collected from customers into their associated customer class. Provide the requested information for the years 2004 – 2008 and as projected by rate class for 2009.

**SUPPLEMENTAL RESPONSE**: See Attachment 1 to Piedmont's Supplemental Response to Discovery Request 37 (Confidential).

38. Provide a detailed explanation of the Company's current CIAC policy and any allowances for plant categories for which the Company collects CIAC. Provide any associated documentation (policies, procedures, tariff pages, etc.) for the information provided in response to this request and explain all assumptions used.

**SUPPLEMENTAL RESPONSE**: Piedmont utilizes a standard project evaluation analysis tool to determine the economic feasibility of proposed system expansions. That tool analyzes the projected costs associated with a proposed expansion and compares those costs to the projected revenues that will be generated from the additional customer(s) that will be added as a result of the expansion. If the projected revenues exceed projected costs, then the project is deemed to be economically feasible (although sometimes certain minimum usage requirements are established if economic feasibility is marginal) and the expansion is constructed. If projected costs exceed projected revenues, the project is deemed to be economically infeasible and CIAC is required from the customers to be served in order to make the project economically feasible.

This 9th day of November, 2009.

R. Dale Grimes, /emc w/ permission

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*Attorneys for Piedmont Natural Gas, Inc.*

## CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing Discovery Request was served via U.S. Mail or electronic mail upon:

Ryan L. McGehee
Assistant Attorney General
Office of the Attorney General
Consumer Advocate and Protection Division
PO Box 20207
Nashville, Tennessee 37202-0207

C. Scott Jackson
Senior Counsel
Office of the Attorney General
Consumer Advocate and Protection Division
PO Box 20207
Nashville, Tennessee 37202-0207

This 9th day of November, 2009.

Cum M. Everett

# Supplemental Response to CAPD Discovery Request No. 17, Attachment 1

## Attachment 1 - Response to CAD Data Request , Item #1-17

**Piedmont Natural Gas Company, Inc.**

NC Margin Impact ($ million)

| | | Weather | | Conservation & Energy Efficiency | | Total |
|---|---|---|---|---|---|---|
| 2006 | $ | 8.3 | $ | 15.3 | $ | 23.6 |
| 2007 | $ | 12.2 | $ | 9.8 | $ | 22.0 |
| 2008 | $ | 13.6 | $ | 10.5 | $ | 24.1 |
| | $ | 34.1 | $ | 35.6 | $ | 69.7 |
| | | 48.9% | | 51.1% | | |

**North Carolina** **15-15**

**Fiscal 2006**

Using 15-15 Degree Days (Normal & Actual)

**Margin**

| | Normal | Theoretical Actual | Actual |
|---|---|---|---|
| Nov | $ 17.0 | $ 15.5 | $ 12.5 |
| Dec | $ 24.8 | $ 29.0 | $ 23.6 |
| Jan | $ 32.3 | $ 28.0 | $ 27.9 |
| Feb | $ 32.5 | $ 28.5 | $ 24.1 |
| Mar | $ 23.7 | $ 20.3 | $ 21.6 |
| Apr | $ 16.9 | $ 17.4 | $ 15.4 |
| May | $ 10.7 | $ 11.2 | $ 9.4 |
| Jun | $ 7.9 | $ 7.3 | $ 8.4 |
| Jul | $ 7.3 | $ 7.2 | $ 7.7 |
| Aug | $ 7.2 | $ 7.2 | $ 7.4 |
| Sep | $ 7.3 | $ 7.3 | $ 7.6 |
| Oct | $ 10.1 | $ 10.5 | $ 8.6 |
| Total | $ 197.7 | $ 189.4 | $ 174.1 |
| Difference | | $ 8.3 | $ 15.3 |
| | | Weather | Conservation |

# November 2005

| Description | | Residential Value Rate Schedule No. 101 | Residential Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Actual** | | 263,678 | 283,980 | |
| | | | | |
| **Actual Degree Days** | | 264.9 | 264.9 | |
| Normal Degree Days | | 314.8 | 314.8 | |
| | | | | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| | | | | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| | | | | |
| **Normal** | | | | |
| Usage | | 20,197,263 | 14,868,406 | 35,065,669 |
| Usage Margin | | $ 6,665,097 | $ 4,906,574 | $ 11,571,671 |
| Fixed Margin | | $ 2,636,780 | $ 2,839,800 | $ 5,476,580 |
| Total Margin | | $ 9,301,877 | $ 7,746,374 | $ 17,048,251 |
| | | | | |
| **Theoretical Actual** | | | | |
| Usage | | 17,678,385 | 12,637,103 | 30,315,488 |
| Usage Margin | | $ 5,833,867 | $ 4,170,244 | $ 10,004,111 |
| Fixed Margin | | $ 2,636,780 | $ 2,839,800 | $ 5,476,580 |
| Total Margin | | $ 8,470,647 | $ 7,010,044 | $ 15,480,691 |
| | | | | |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 263,678 | 283,980 | |
| Usage | | 12,101,016 | 9,244,003 | 21,345,019 |
| Usage Margin | | $ 3,993,335 | $ 3,050,521 | $ 7,043,856 |
| Fixed Margin | | $ 2,636,780 | $ 2,839,800 | $ 5,476,580 |
| Total Margin | | $ 6,630,115 | $ 5,890,321 | $ 12,520,436 |

## December 2005

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Actual** | | 266,432 | 291,585 | |
| **Actual Degree Days** | | 679.3 | 679.3 | |
| Normal Degree Days | | 549.1 | 549.1 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 32,358,860 | 26,023,992 | 58,382,852 |
| Usage Margin | | $ 10,678,424 | $ 8,587,917 | $ 19,266,341 |
| Fixed Margin | | $ 2,664,320 | $ 2,915,850 | $ 5,580,170 |
| Total Margin | | $ 13,342,744 | $ 11,503,767 | $ 24,846,511 |
| **Theoretical Actual** | | | | |
| Usage | | 38,999,808 | 32,001,861 | $ 71,001,669 |
| Usage Margin | | $ 12,869,937 | $ 10,560,614 | $ 23,430,551 |
| Fixed Margin | | $ 2,664,320 | $ 2,915,850 | $ 5,580,170 |
| Total Margin | | $ 15,534,257 | $ 13,476,464 | $ 29,010,721 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 266,432 | 291,585 | |
| Usage | | 30,052,772 | 24,659,041 | 54,711,813 |
| Usage Margin | | $ 9,917,415 | $ 8,137,484 | $ 18,054,898 |
| Fixed Margin | | $ 2,664,320 | $ 2,915,850 | $ 5,580,170 |
| Total Margin | | $ 12,581,735 | $ 11,053,334 | $ 23,635,068 |

# January 2006

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Actual** | | 269,074 | 296,444 | |
| | | | | |
| **Actual Degree Days** | | 634.9 | 634.9 | |
| Normal Degree Days | | 769.9 | 769.9 | |
| | | | | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| | | | | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| | | | | |
| **Normal** | | | | |
| Usage | | 44,053,483 | 36,764,177 | 80,817,660 |
| Usage Margin | | $ 14,537,649 | $ 12,132,178 | $ 26,669,828 |
| Fixed Margin | | $ 2,690,740 | $ 2,964,440 | $ 5,655,180 |
| Total Margin | | $ 17,228,389 | $ 15,096,618 | $ 32,325,008 |
| | | | | |
| **Theoretical Actual** | | | | |
| Usage | | 37,099,427 | 30,462,637 | $ 67,562,064 |
| Usage Margin | | $ 12,242,811 | $ 10,052,670 | $ 22,295,481 |
| Fixed Margin | | $ 2,690,740 | $ 2,964,440 | $ 5,655,180 |
| Total Margin | | $ 14,933,551 | $ 13,017,110 | $ 27,950,661 |
| | | | | |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 269,074 | 296,444 | |
| Usage | | 37,641,899 | 29,874,011 | 67,515,910 |
| Usage Margin | | $ 12,421,827 | $ 9,858,424 | $ 22,280,250 |
| Fixed Margin | | $ 2,690,740 | $ 2,964,440 | $ 5,655,180 |
| Total Margin | | $ 15,112,567 | $ 12,822,864 | $ 27,935,430 |

# February 2006

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 271,227 | 298,816 | |
| | | | | |
| **Actual Degree Days** | | 645.8 | 645.8 | |
| Normal Degree Days | | 766.0 | 766.0 | |
| | | | | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| | | | | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| | | | | |
| **Normal** | | | | |
| Usage | | 44,203,409 | 36,874,789 | 81,078,198 |
| Usage Margin | | $ 14,587,125 | $ 12,168,680 | $ 26,755,805 |
| Fixed Margin | | $ 2,712,266 | $ 2,988,156 | $ 5,700,421 |
| Total Margin | | $ 17,299,391 | $ 15,156,836 | $ 32,456,227 |
| | | | | |
| **Theoretical Actual** | | | | |
| Usage | | 37,962,190 | 31,219,199 | 69,181,389 |
| Usage Margin | | $ 12,527,523 | $ 10,302,336 | $ 22,829,858 |
| Fixed Margin | | $ 2,712,266 | $ 2,988,156 | $ 5,700,421 |
| Total Margin | | $ 15,239,789 | $ 13,290,491 | $ 28,530,280 |
| | | | | |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 270,919 | 297,784 | |
| Usage | | 30,631,352 | 25,067,475 | 55,698,827 |
| Usage Margin | | $ 10,108,346 | $ 8,272,267 | $ 18,380,613 |
| Fixed Margin | | $ 2,709,190 | $ 2,977,840 | $ 5,687,030 |
| Total Margin | | $ 12,817,536 | $ 11,250,107 | $ 24,067,643 |

# March 2006

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 272,723 | 298,608 | |
| **Actual Degree Days** | | 391.5 | 391.5 | |
| Normal Degree Days | | 495.3 | 495.3 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 30,314,016 | 24,121,183 | 54,435,199 |
| Usage Margin | | $ 10,003,625 | $ 7,959,991 | $ 17,963,616 |
| Fixed Margin | | $ 2,727,230 | $ 2,986,080 | $ 5,713,310 |
| Total Margin | | $ 12,730,855 | $ 10,946,071 | $ 23,676,926 |
| **Theoretical Actual** | | | | |
| Usage | | 24,894,608 | 19,240,630 | 44,135,238 |
| Usage Margin | | $ 8,215,221 | $ 6,349,408 | $ 14,564,629 |
| Fixed Margin | | $ 2,727,230 | $ 2,986,080 | $ 5,713,310 |
| Total Margin | | $ 10,942,451 | $ 9,335,488 | $ 20,277,939 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 272,723 | 298,608 | |
| Usage | | 26,760,360 | 21,339,990 | 48,100,350 |
| Usage Margin | | $ 8,830,919 | $ 7,042,197 | $ 15,873,116 |
| Fixed Margin | | $ 2,727,230 | $ 2,986,080 | $ 5,713,310 |
| Total Margin | | $ 11,558,149 | $ 10,028,277 | $ 21,586,426 |

# April 2006

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 273,590 | 297,661 | |
| | | | | |
| **Actual Degree Days** | | 325.6 | 325.6 | |
| Normal Degree Days | | 306.7 | 306.7 | |
| | | | | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| | | | | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| | | | | |
| **Normal** | | | | |
| Usage | | 20,532,259 | 15,205,060 | 35,737,319 |
| Usage Margin | | $ 6,404,011 | $ 4,742,458 | $ 11,146,470 |
| Fixed Margin | | $ 2,735,900 | $ 2,976,610 | $ 5,712,510 |
| Total Margin | | $ 9,139,911 | $ 7,719,068 | $ 16,858,980 |
| | | | | |
| **Theoretical Actual** | | | | |
| Usage | | 21,522,166 | 16,090,898 | 37,613,064 |
| Usage Margin | | $ 6,712,764 | $ 5,018,751 | $ 11,731,515 |
| Fixed Margin | | $ 2,735,900 | $ 2,976,610 | $ 5,712,510 |
| Total Margin | | $ 9,448,664 | $ 7,995,361 | $ 17,444,025 |
| | | | | |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 273,590 | 297,661 | |
| Usage | | 18,213,929 | 12,942,284 | 31,156,213 |
| Usage Margin | | $ 5,680,924 | $ 4,036,698 | $ 9,717,623 |
| Fixed Margin | | $ 2,735,900 | $ 2,976,610 | $ 5,712,510 |
| Total Margin | | $ 8,416,824 | $ 7,013,308 | $ 15,430,133 |

# May 2006

| Description | | Residential | | |
|---|---|---|---|---|
| | | Value Rate Schedule No. 101 | Standard Rate Schedule No. 121 | Total |
| **No. of Customers - Budget** | | 274,196 | 295,183 | |
| | | | | |
| **Actual Degree Days** | | 124.8 | 124.8 | |
| Normal Degree Days | | 108.9 | 108.9 | |
| | | | | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| | | | | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| | | | | |
| **Normal** | | | | |
| Usage | | 10,194,804 | 5,884,831 | 16,079,635 |
| Usage Margin | | $ 3,179,759 | $ 1,835,479 | $ 5,015,238 |
| Fixed Margin | | $ 2,741,960 | $ 2,951,830 | $ 5,693,790 |
| Total Margin | | $ 5,921,719 | $ 4,787,309 | $ 10,709,028 |
| | | | | |
| **Theoretical Actual** | | | | |
| Usage | | 11,029,428 | 6,623,856 | 17,653,283 |
| Usage Margin | | $ 3,440,079 | $ 2,065,981 | $ 5,506,059 |
| Fixed Margin | | $ 2,741,960 | $ 2,951,830 | $ 5,693,790 |
| Total Margin | | $ 6,182,039 | $ 5,017,811 | $ 11,199,849 |
| | | | | |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 274,196 | 295,183 | |
| Usage | | 7,817,665 | 3,998,074 | 11,815,739 |
| Usage Margin | | $ 2,438,330 | $ 1,246,999 | $ 3,685,329 |
| Fixed Margin | | $ 2,741,960 | $ 2,951,830 | $ 5,693,790 |
| Total Margin | | $ 5,180,290 | $ 4,198,829 | $ 9,379,119 |

## June 2006

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 274,300 | 289,737 | |
| **Actual Degree Days** | | 1.2 | 1.2 | |
| Normal Degree Days | | 20.3 | 20.3 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 5,546,108 | 1,734,151 | 7,280,259 |
| Usage Margin | | $ 1,729,831 | $ 540,882 | $ 2,270,713 |
| Fixed Margin | | $ 2,743,000 | $ 2,897,370 | $ 5,640,370 |
| Total Margin | | $ 4,472,831 | $ 3,438,252 | $ 7,911,083 |
| **Theoretical Actual** | | | | |
| Usage | | 4,543,129 | 862,771 | 5,405,900 |
| Usage Margin | | $ 1,417,002 | $ 269,098 | $ 1,686,100 |
| Fixed Margin | | $ 2,743,000 | $ 2,897,370 | $ 5,640,370 |
| Total Margin | | $ 4,160,002 | $ 3,166,468 | $ 7,326,470 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 274,300 | 289,737 | |
| Usage | | 6,429,472 | 2,342,536 | 8,772,008 |
| Usage Margin | | $ 2,005,352 | $ 730,637 | $ 2,735,989 |
| Fixed Margin | | $ 2,743,000 | $ 2,897,370 | $ 5,640,370 |
| Total Margin | | $ 4,748,352 | $ 3,628,007 | $ 8,376,359 |

# July 2006

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 274,189 | 285,294 | |
| | | | | |
| **Actual Degree Days** | | 0.0 | 0.0 | |
| Normal Degree Days | | 0.9 | 0.9 | |
| | | | | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| | | | | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| | | | | |
| **Normal** | | | | |
| Usage | | 4,525,543 | 836,064 | 5,361,607 |
| Usage Margin | | $ 1,411,517 | $ 260,768 | $ 1,672,285 |
| Fixed Margin | | $ 2,741,890 | $ 2,852,940 | $ 5,594,830 |
| Total Margin | | $ 4,153,407 | $ 3,113,708 | $ 7,267,115 |
| | | | | |
| **Theoretical Actual** | | | | |
| Usage | | 4,478,302 | 795,634 | 5,273,935 |
| Usage Margin | | $ 1,396,782 | $ 248,158 | $ 1,644,940 |
| Fixed Margin | | $ 2,741,890 | $ 2,852,940 | $ 5,594,830 |
| Total Margin | | $ 4,138,672 | $ 3,101,098 | $ 7,239,770 |
| | | | | |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 274,189 | 285,294 | |
| Usage | | 5,245,615 | 1,569,403 | 6,815,018 |
| Usage Margin | | $ 1,636,107 | $ 489,497 | $ 2,125,604 |
| Fixed Margin | | $ 2,741,890 | $ 2,852,940 | $ 5,594,830 |
| Total Margin | | $ 4,377,997 | $ 3,342,437 | $ 7,720,434 |

# August 2006

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 274,559 | 282,323 | |
| **Actual Degree Days** | | 0.0 | 0.0 | |
| Normal Degree Days | | 0.1 | 0.1 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 4,489,601 | 791,793 | 5,281,394 |
| Usage Margin | | $ 1,400,307 | $ 246,960 | $ 1,647,267 |
| Fixed Margin | | $ 2,745,590 | $ 2,823,230 | $ 5,568,820 |
| Total Margin | | $ 4,145,897 | $ 3,070,190 | $ 7,216,087 |
| **Theoretical Actual** | | | | |
| Usage | | 4,484,345 | 787,348 | 5,271,693 |
| Usage Margin | | $ 1,398,667 | $ 245,574 | $ 1,644,241 |
| Fixed Margin | | $ 2,745,590 | $ 2,823,230 | $ 5,568,820 |
| Total Margin | | $ 4,144,257 | $ 3,068,804 | $ 7,213,061 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 274,559 | 282,323 | |
| Usage | | 4,408,342 | 1,329,445 | 5,737,787 |
| Usage Margin | | $ 1,374,962 | $ 414,654 | $ 1,789,616 |
| Fixed Margin | | $ 2,745,590 | $ 2,823,230 | $ 5,568,820 |
| Total Margin | | $ 4,120,552 | $ 3,237,884 | $ 7,358,436 |

# Sept 2006

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 275,391 | 280,188 | |
| | | | | |
| **Actual Degree Days** | | 2.7 | 2.7 | |
| Normal Degree Days | | 4.0 | 4.0 | |
| | | | | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| | | | | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| | | | | |
| <u>Normal</u> | | | | |
| Usage | | 4,708,817 | 957,868 | 5,666,685 |
| Usage Margin | | $ 1,468,680 | $ 298,759 | $ 1,767,439 |
| Fixed Margin | | $ 2,753,910 | $ 2,801,880 | $ 5,555,790 |
| Total Margin | | $ 4,222,590 | $ 3,100,639 | $ 7,323,229 |
| | | | | |
| <u>Theoretical Actual</u> | | | | |
| Usage | | 4,640,280 | 900,514 | 5,540,794 |
| Usage Margin | | $ 1,447,303 | $ 280,870 | $ 1,728,174 |
| Fixed Margin | | $ 2,753,910 | $ 2,801,880 | $ 5,555,790 |
| Total Margin | | $ 4,201,213 | $ 3,082,750 | $ 7,283,964 |
| | | | | |
| <u>Actual</u> | | | | |
| **No. of Customers - Actual** | | 275,391 | 280,188 | |
| Usage | | 4,937,658 | 1,468,893 | 6,406,551 |
| Usage Margin | | $ 1,540,056 | $ 458,148 | $ 1,998,203 |
| Fixed Margin | | $ 2,753,910 | $ 2,801,880 | $ 5,555,790 |
| Total Margin | | $ 4,293,966 | $ 3,260,028 | $ 7,553,993 |

## Oct 2006

| Description | | Residential | | Total |
|---|---|---|---|---|
| | | Value Rate Schedule No. 101 | Standard Rate Schedule No. 121 | |
| **No. of Customers - Budget** | | 276,652 | 280,679 | |
| **Actual Degree Days** | | 107.4 | 107.4 | |
| Normal Degree Days | | 94.4 | 94.4 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 9,518,167 | 4,954,839 | 14,473,005 |
| Usage Margin | | $ 2,968,716 | $ 1,545,414 | $ 4,514,130 |
| Fixed Margin | | $ 2,766,520 | $ 2,806,790 | $ 5,573,310 |
| Total Margin | | $ 5,735,236 | $ 4,352,204 | $ 10,087,440 |
| **Theoretical Actual** | | | | |
| Usage | | 10,206,676 | 5,529,383 | 15,736,059 |
| Usage Margin | | $ 3,183,462 | $ 1,724,615 | $ 4,908,077 |
| Fixed Margin | | $ 2,766,520 | $ 2,806,790 | $ 5,573,310 |
| Total Margin | | $ 5,949,982 | $ 4,531,405 | $ 10,481,387 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 276,652 | 280,679 | |
| Usage | | 6,611,964 | 3,031,083 | 9,643,047 |
| Usage Margin | | $ 2,062,272 | $ 945,395 | $ 3,007,666 |
| Fixed Margin | | $ 2,766,520 | $ 2,806,790 | $ 5,573,310 |
| Total Margin | | $ 4,828,792 | $ 3,752,185 | $ 8,580,976 |

**North Carolina** **15-15**

**Fiscal 2007**

Using 15-15 Degree Days (Normal & Actual)

| | Normal | Theoretical Actual | Actual |
|---|---|---|---|
| **Margin** | | | |
| Nov | $ 17.6 | $ 18.3 | $ 15.0 |
| Dec | $ 25.6 | $ 25.4 | $ 21.4 |
| Jan | $ 33.1 | $ 22.4 | $ 24.3 |
| Feb | $ 33.3 | $ 36.9 | $ 30.6 |
| Mar | $ 24.3 | $ 22.1 | $ 24.8 |
| Apr | $ 17.2 | $ 17.1 | $ 14.4 |
| May | $ 10.9 | $ 10.3 | $ 11.0 |
| Jun | $ 8.0 | $ 7.5 | $ 8.4 |
| Jul | $ 7.4 | $ 7.4 | $ 7.8 |
| Aug | $ 7.4 | $ 7.4 | $ 7.6 |
| Sep | $ 7.5 | $ 7.4 | $ 7.7 |
| Oct | $ 10.3 | $ 8.4 | $ 7.7 |
| Total | $ 202.6 | $ 190.4 | $ 180.6 |
| Difference | | $ 12.2 | $ 9.8 |
| | | Weather | Conservation |

## November

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Actual** | | 265,006 | 302,722 | |
| **Actual Degree Days** | | 335.0 | 335.0 | |
| Normal Degree Days | | 314.8 | 314.8 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 20,298,986 | 15,849,685 | 36,148,671 |
| Usage Margin | | $ 6,698,665 | $ 5,230,396 | $ 11,929,061 |
| Fixed Margin | | $ 2,650,060 | $ 3,027,220 | $ 5,677,280 |
| Total Margin | | $ 9,348,725 | $ 8,257,616 | $ 17,606,341 |
| **Theoretical Actual** | | | | |
| Usage | | 21,323,787 | 16,812,550 | 38,136,338 |
| Usage Margin | | $ 7,036,850 | $ 5,548,142 | $ 12,584,991 |
| Fixed Margin | | $ 2,650,060 | $ 3,027,220 | $ 5,677,280 |
| Total Margin | | $ 9,686,910 | $ 8,575,362 | $ 18,262,271 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 265,006 | 302,722 | |
| Usage | | 15,936,887 | 12,390,410 | 28,327,297 |
| Usage Margin | | $ 5,259,173 | $ 4,088,835 | $ 9,348,008 |
| Fixed Margin | | $ 2,650,060 | $ 3,027,220 | $ 5,677,280 |
| Total Margin | | $ 7,909,233 | $ 7,116,055 | $ 15,025,288 |

# December

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Actual** | | 268,036 | 307,967 | |
| **Actual Degree Days** | | 542.9 | 542.9 | |
| Normal Degree Days | | 549.1 | 549.1 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 32,553,670 | 27,486,087 | 60,039,758 |
| Usage Margin | | $ 10,742,711 | $ 9,070,409 | $ 19,813,120 |
| Fixed Margin | | $ 2,680,360 | $ 3,079,670 | $ 5,760,030 |
| Total Margin | | $ 13,423,071 | $ 12,150,079 | $ 25,573,150 |
| **Theoretical Actual** | | | | |
| Usage | | 32,235,531 | 27,185,434 | $ 59,420,965 |
| Usage Margin | | $ 10,637,725 | $ 8,971,193 | $ 19,608,918 |
| Fixed Margin | | $ 2,680,360 | $ 3,079,670 | $ 5,760,030 |
| Total Margin | | $ 13,318,085 | $ 12,050,863 | $ 25,368,948 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 268,036 | 307,967 | |
| Usage | | 25,684,036 | 21,589,796 | 47,273,832 |
| Usage Margin | | $ 8,475,732 | $ 7,124,633 | $ 15,600,365 |
| Fixed Margin | | $ 2,680,360 | $ 3,079,670 | $ 5,760,030 |
| Total Margin | | $ 11,156,092 | $ 10,204,303 | $ 21,360,395 |

# January

| Description | | Residential | | | |
|---|---|---|---|---|---|
| | | Value Rate Schedule No. 101 | Standard Rate Schedule No. 121 | | Total |
| **No. of Customers - Actual** | | 270,273 | 310,949 | | |
| **Actual Degree Days** | | 446.8 | 446.8 | | |
| Normal Degree Days | | 769.9 | 769.9 | | |
| Base Load | (th/month) | 16.33290 | 2.78882 | | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | | |
| R Factor | ($/th) | $0.33000 | $0.33000 | | |
| Fixed Monthly Charge | | $10.00 | $10.00 | | |
| **Normal** | | | | | |
| Usage | | 44,249,786 | 38,563,047 | | 82,812,834 |
| Usage Margin | | $ 14,602,430 | $ 12,725,806 | $ | 27,328,235 |
| Fixed Margin | | $ 2,702,730 | $ 3,109,490 | $ | 5,812,220 |
| Total Margin | | $ 17,305,160 | $ 15,835,296 | $ | 33,140,455 |
| **Theoretical Actual** | | | | | |
| Usage | | 27,532,249 | 22,743,416 | $ | 50,275,664 |
| Usage Margin | | $ 9,085,642 | $ 7,505,327 | $ | 16,590,969 |
| Fixed Margin | | $ 2,702,730 | $ 3,109,490 | $ | 5,812,220 |
| Total Margin | | $ 11,788,372 | $ 10,614,817 | $ | 22,403,189 |
| **Actual** | | | | | |
| **No. of Customers - Actual** | | 270,273 | 310,949 | | |
| Usage | | 30,619,679 | 25,454,214 | | 56,073,893 |
| Usage Margin | | $ 10,104,494 | $ 8,399,891 | $ | 18,504,385 |
| Fixed Margin | | $ 2,702,730 | $ 3,109,490 | $ | 5,812,220 |
| Total Margin | | $ 12,807,224 | $ 11,509,381 | $ | 24,316,605 |

# February

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 272,223 | 313,228 | |
| | | | | |
| **Actual Degree Days** | | 876.5 | 876.5 | |
| Normal Degree Days | | 766.0 | 766.0 | |
| | | | | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| | | | | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| | | | | |
| **Normal** | | | | |
| Usage | | 44,365,799 | 38,653,331 | 83,019,131 |
| Usage Margin | | $ 14,640,714 | $ 12,755,599 | $ 27,396,313 |
| Fixed Margin | | $ 2,722,230 | $ 3,132,280 | $ 5,854,510 |
| Total Margin | | $ 17,362,944 | $ 15,887,879 | $ 33,250,823 |
| | | | | |
| **Theoretical Actual** | | | | |
| Usage | | 50,124,437 | 44,103,289 | 94,227,726 |
| Usage Margin | | $ 16,541,064 | $ 14,554,085 | $ 31,095,150 |
| Fixed Margin | | $ 2,722,230 | $ 3,132,280 | $ 5,854,510 |
| Total Margin | | $ 19,263,294 | $ 17,686,365 | $ 36,949,660 |
| | | | | |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 272,223 | 313,228 | |
| Usage | | 39,906,564 | 35,060,636 | 74,967,200 |
| Usage Margin | | $ 13,169,166 | $ 11,570,010 | $ 24,739,176 |
| Fixed Margin | | $ 2,722,230 | $ 3,132,280 | $ 5,854,510 |
| Total Margin | | $ 15,891,396 | $ 14,702,290 | $ 30,593,686 |

# March

| Description | | Residential | | Total |
|---|---|---|---|---|
| | | Value Rate Schedule No. 101 | Standard Rate Schedule No. 121 | |
| **No. of Customers - Budget** | | 273,489 | 313,996 | |
| **Actual Degree Days** | | 429.1 | 429.1 | |
| Normal Degree Days | | 495.3 | 495.3 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 30,399,159 | 25,364,207 | 55,763,366 |
| Usage Margin | | $ 10,031,722 | $ 8,370,188 | $ 18,401,911 |
| Fixed Margin | | $ 2,734,890 | $ 3,139,960 | $ 5,874,850 |
| Total Margin | | $ 12,766,612 | $ 11,510,148 | $ 24,276,761 |
| **Theoretical Actual** | | | | |
| Usage | | 26,933,143 | 22,091,159 | 49,024,302 |
| Usage Margin | | $ 8,887,937 | $ 7,290,082 | $ 16,178,020 |
| Fixed Margin | | $ 2,734,890 | $ 3,139,960 | $ 5,874,850 |
| Total Margin | | $ 11,622,827 | $ 10,430,042 | $ 22,052,870 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 273,489 | 313,996 | |
| Usage | | 31,221,318 | 26,128,686 | 57,350,004 |
| Usage Margin | | $ 10,303,035 | $ 8,622,466 | $ 18,925,501 |
| Fixed Margin | | $ 2,734,890 | $ 3,139,960 | $ 5,874,850 |
| Total Margin | | $ 13,037,925 | $ 11,762,426 | $ 24,800,351 |

# April

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 273,844 | 311,178 | |
| **Actual Degree Days** | | 303.3 | 303.3 | |
| Normal Degree Days | | 306.7 | 306.7 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 20,551,321 | 15,895,533 | 36,446,854 |
| Usage Margin | | $ 6,409,957 | $ 4,957,817 | $ 11,367,774 |
| Fixed Margin | | $ 2,738,440 | $ 3,111,780 | $ 5,850,220 |
| Total Margin | | $ 9,148,397 | $ 8,069,597 | $ 17,217,994 |
| **Theoretical Actual** | | | | |
| Usage | | 20,373,077 | 15,728,939 | 36,102,016 |
| Usage Margin | | $ 6,354,363 | $ 4,905,856 | $ 11,260,219 |
| Fixed Margin | | $ 2,738,440 | $ 3,111,780 | $ 5,850,220 |
| Total Margin | | $ 9,092,803 | $ 8,017,636 | $ 17,110,439 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 273,844 | 311,178 | |
| Usage | | 15,658,624 | 11,647,518 | 27,306,142 |
| Usage Margin | | $ 4,883,925 | $ 3,632,861 | $ 8,516,786 |
| Fixed Margin | | $ 2,738,440 | $ 3,111,780 | $ 5,850,220 |
| Total Margin | | $ 7,622,365 | $ 6,744,641 | $ 14,367,006 |

# May

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 274,018 | 307,314 | |
| **Actual Degree Days** | | 88.8 | 88.8 | |
| Normal Degree Days | | 108.9 | 108.9 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 10,188,185 | 6,126,678 | 16,314,863 |
| Usage Margin | | $ 3,177,695 | $ 1,910,911 | $ 5,088,606 |
| Fixed Margin | | $ 2,740,180 | $ 3,073,140 | $ 5,813,320 |
| Total Margin | | $ 5,917,875 | $ 4,984,051 | $ 10,901,926 |
| **Theoretical Actual** | | | | |
| Usage | | 9,133,780 | 5,154,045 | 14,287,825 |
| Usage Margin | | $ 2,848,826 | $ 1,607,547 | $ 4,456,373 |
| Fixed Margin | | $ 2,740,180 | $ 3,073,140 | $ 5,813,320 |
| Total Margin | | $ 5,589,006 | $ 4,680,687 | $ 10,269,693 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 274,018 | 307,314 | |
| Usage | | 10,352,729 | 6,260,492 | 16,613,221 |
| Usage Margin | | $ 3,229,016 | $ 1,952,647 | $ 5,181,664 |
| Fixed Margin | | $ 2,740,180 | $ 3,073,140 | $ 5,813,320 |
| Total Margin | | $ 5,969,196 | $ 5,025,787 | $ 10,994,984 |

# June

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 273,871 | 301,818 | |
| **Actual Degree Days** | | 1.2 | 1.2 | |
| Normal Degree Days | | 20.3 | 20.3 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 5,537,434 | 1,806,459 | 7,343,892 |
| Usage Margin | | $ 1,727,126 | $ 563,434 | $ 2,290,560 |
| Fixed Margin | | $ 2,738,710 | $ 3,018,180 | $ 5,756,890 |
| Total Margin | | $ 4,465,836 | $ 3,581,614 | $ 8,047,450 |
| **Theoretical Actual** | | | | |
| Usage | | 4,536,023 | 898,745 | 5,434,769 |
| Usage Margin | | $ 1,414,786 | $ 280,319 | $ 1,695,104 |
| Fixed Margin | | $ 2,738,710 | $ 3,018,180 | $ 5,756,890 |
| Total Margin | | $ 4,153,496 | $ 3,298,499 | $ 7,451,994 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 273,871 | 301,818 | |
| Usage | | 6,142,720 | 2,193,516 | 8,336,236 |
| Usage Margin | | $ 1,915,914 | $ 684,158 | $ 2,600,072 |
| Fixed Margin | | $ 2,738,710 | $ 3,018,180 | $ 5,756,890 |
| Total Margin | | $ 4,654,624 | $ 3,702,338 | $ 8,356,962 |

## July

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 274,118 | 297,635 | |
| **Actual Degree Days** | | 0.0 | 0.0 | |
| Normal Degree Days | | 0.9 | 0.9 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 4,524,371 | 872,229 | 5,396,601 |
| Usage Margin | | $ 1,411,151 | $ 272,048 | $ 1,683,200 |
| Fixed Margin | | $ 2,741,180 | $ 2,976,350 | $ 5,717,530 |
| Total Margin | | $ 4,152,331 | $ 3,248,398 | $ 7,400,730 |
| **Theoretical Actual** | | | | |
| Usage | | 4,477,142 | 830,050 | 5,307,192 |
| Usage Margin | | $ 1,396,421 | $ 258,893 | $ 1,655,313 |
| Fixed Margin | | $ 2,741,180 | $ 2,976,350 | $ 5,717,530 |
| Total Margin | | $ 4,137,601 | $ 3,235,243 | $ 7,372,843 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 274,118 | 297,635 | |
| Usage | | 4,956,625 | 1,570,620 | 6,527,245 |
| Usage Margin | | $ 1,545,971 | $ 489,876 | $ 2,035,848 |
| Fixed Margin | | $ 2,741,180 | $ 2,976,350 | $ 5,717,530 |
| Total Margin | | $ 4,287,151 | $ 3,466,226 | $ 7,753,378 |

# August

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 275,260 | 295,525 | |
| | | | | |
| **Actual Degree Days** | | 0.0 | 0.0 | |
| Normal Degree Days | | 0.1 | 0.1 | |
| | | | | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| | | | | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| | | | | |
| **Normal** | | | | |
| Usage | | 4,501,064 | 828,819 | 5,329,883 |
| Usage Margin | | $ 1,403,882 | $ 258,509 | $ 1,662,391 |
| Fixed Margin | | $ 2,752,600 | $ 2,955,250 | $ 5,707,850 |
| Total Margin | | $ 4,156,482 | $ 3,213,759 | $ 7,370,241 |
| | | | | |
| **Theoretical Actual** | | | | |
| Usage | | 4,495,794 | 824,166 | 5,319,960 |
| Usage Margin | | $ 1,402,238 | $ 257,057 | $ 1,659,296 |
| Fixed Margin | | $ 2,752,600 | $ 2,955,250 | $ 5,707,850 |
| Total Margin | | $ 4,154,838 | $ 3,212,307 | $ 7,367,146 |
| | | | | |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 275,260 | 295,525 | |
| Usage | | 4,667,154 | 1,494,707 | 6,161,861 |
| Usage Margin | | $ 1,455,685 | $ 466,199 | $ 1,921,884 |
| Fixed Margin | | $ 2,752,600 | $ 2,955,250 | $ 5,707,850 |
| Total Margin | | $ 4,208,285 | $ 3,421,449 | $ 7,629,734 |

# Sept

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 275,954 | 293,856 | |
| **Actual Degree Days** | | 0.2 | 0.2 | |
| Normal Degree Days | | 4.0 | 4.0 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 4,718,444 | 1,004,594 | 5,723,037 |
| Usage Margin | | $ 1,471,683 | $ 313,333 | $ 1,785,015 |
| Fixed Margin | | $ 2,759,540 | $ 2,938,560 | $ 5,698,100 |
| Total Margin | | $ 4,231,223 | $ 3,251,893 | $ 7,483,115 |
| **Theoretical Actual** | | | | |
| Usage | | 4,517,695 | 828,766 | 5,346,460 |
| Usage Margin | | $ 1,409,069 | $ 258,492 | $ 1,667,561 |
| Fixed Margin | | $ 2,759,540 | $ 2,938,560 | $ 5,698,100 |
| Total Margin | | $ 4,168,609 | $ 3,197,052 | $ 7,365,661 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 275,954 | 293,856 | |
| Usage | | 4,760,474 | 1,505,744 | 6,266,218 |
| Usage Margin | | $ 1,484,792 | $ 469,642 | $ 1,954,433 |
| Fixed Margin | | $ 2,759,540 | $ 2,938,560 | $ 5,698,100 |
| Total Margin | | $ 4,244,332 | $ 3,408,202 | $ 7,652,533 |

# Oct

| Description | | Residential Value Rate Schedule No. 101 | Residential Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 277,293 | 294,239 | |
| **Actual Degree Days** | | 32.4 | 32.4 | |
| Normal Degree Days | | 94.4 | 94.4 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 9,540,220 | 5,194,214 | 14,734,434 |
| Usage Margin | | $ 2,975,595 | $ 1,620,075 | $ 4,595,670 |
| Fixed Margin | | $ 2,772,930 | $ 2,942,390 | $ 5,715,320 |
| Total Margin | | $ 5,748,525 | $ 4,562,465 | $ 10,310,990 |
| **Theoretical Actual** | | | | |
| Usage | | 6,248,952 | 2,321,700 | 8,570,652 |
| Usage Margin | | $ 1,949,048 | $ 724,138 | $ 2,673,186 |
| Fixed Margin | | $ 2,772,930 | $ 2,942,390 | $ 5,715,320 |
| Total Margin | | $ 4,721,978 | $ 3,666,528 | $ 8,388,506 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 277,293 | 294,239 | |
| Usage | | 4,745,204 | 1,664,270 | 6,409,474 |
| Usage Margin | | $ 1,480,029 | $ 519,086 | $ 1,999,115 |
| Fixed Margin | | $ 2,772,930 | $ 2,942,390 | $ 5,715,320 |
| Total Margin | | $ 4,252,959 | $ 3,461,476 | $ 7,714,435 |

# North Carolina

# 15-15

Using 15-15 Degree Days (Normal & Actual)

## Fiscal 2008

| | Normal | Theoretical Actual | Actual |
|---|---|---|---|
| **Margin** | | | |
| Nov | $ 17.8 | $ 16.9 | $ 12.5 |
| Dec | $ 25.9 | $ 22.5 | $ 21.6 |
| Jan | $ 33.6 | $ 29.2 | $ 27.4 |
| Feb | $ 33.7 | $ 31.6 | $ 29.0 |
| Mar | $ 24.6 | $ 23.6 | $ 22.7 |
| Apr | $ 17.4 | $ 18.7 | $ 16.5 |
| May | $ 11.0 | $ 10.5 | $ 11.0 |
| Jun | $ 8.1 | $ 7.5 | $ 8.5 |
| Jul | $ 7.5 | $ 7.4 | $ 7.8 |
| Aug | $ 7.4 | $ 7.4 | $ 7.7 |
| Sep | $ 7.5 | $ 7.4 | $ 7.7 |
| Oct | $ 10.3 | $ 8.6 | $ 8.5 |
| Total | $ 205.0 | $ 191.4 | $ 180.8 |
| Difference | | $ 13.6 | $ 10.5 |
| | | Weather | Conservation |

# November

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Actual** | | 248,955 | 329,577 | |
| **Actual Degree Days** | | 287.0 | 287.0 | |
| Normal Degree Days | | 314.8 | 314.8 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 19,069,508 | 17,255,738 | 36,325,246 |
| Usage Margin | | $ 6,292,938 | $ 5,694,394 | $ 11,987,331 |
| Fixed Margin | | $ 2,489,550 | $ 3,295,770 | $ 5,785,320 |
| Total Margin | | $ 8,782,488 | $ 8,990,164 | $ 17,772,651 |
| **Theoretical Actual** | | | | |
| Usage | | 17,744,561 | 15,813,052 | 33,557,613 |
| Usage Margin | | $ 5,855,705 | $ 5,218,307 | $ 11,074,012 |
| Fixed Margin | | $ 2,489,550 | $ 3,295,770 | $ 5,785,320 |
| Total Margin | | $ 8,345,255 | $ 8,514,077 | $ 16,859,332 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | **248,955** | **329,577** | |
| Usage | | **11,068,158** | **9,189,081** | 20,257,239 |
| Usage Margin | | $ 3,652,492 | $ 3,032,397 | $ 6,684,889 |
| Fixed Margin | | $ 2,489,550 | $ 3,295,770 | $ 5,785,320 |
| Total Margin | | $ 6,142,042 | $ 6,328,167 | $ 12,470,209 |

# December

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Actual** | | 251,463 | 338,477 | |
| **Actual Degree Days** | | 446.0 | 446.0 | |
| Normal Degree Days | | 549.1 | 549.1 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 30,540,836 | 30,209,108 | 60,749,944 |
| Usage Margin | | $ 10,078,476 | $ 9,969,006 | $ 20,047,482 |
| Fixed Margin | | $ 2,514,630 | $ 3,384,770 | $ 5,899,400 |
| Total Margin | | $ 12,593,106 | $ 13,353,776 | $ 25,946,882 |
| **Theoretical Actual** | | | | |
| Usage | | 25,577,594 | 24,714,230 | $ 50,291,824 |
| Usage Margin | | $ 8,440,606 | $ 8,155,696 | $ 16,596,302 |
| Fixed Margin | | $ 2,514,630 | $ 3,384,770 | $ 5,899,400 |
| Total Margin | | $ 10,955,236 | $ 11,540,466 | $ 22,495,702 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | **251,463** | **338,477** | |
| Usage | | **24,105,391** | **23,376,213** | 47,481,604 |
| Usage Margin | | $ 7,954,779 | $ 7,714,150 | $ 15,668,929 |
| Fixed Margin | | $ 2,514,630 | $ 3,384,770 | $ 5,899,400 |
| Total Margin | | $ 10,469,409 | $ 11,098,920 | $ 21,568,329 |

# January

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Actual** | | 253,214 | 342,392 | |
| **Actual Degree Days** | | 639.4 | 639.4 | |
| Normal Degree Days | | 769.9 | 769.9 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 41,456,843 | 42,462,522 | 83,919,366 |
| Usage Margin | | $ 13,680,758 | $ 14,012,632 | $ 27,693,391 |
| Fixed Margin | | $ 2,532,140 | $ 3,423,920 | $ 5,956,060 |
| Total Margin | | $ 16,212,898 | $ 17,436,552 | $ 33,649,451 |
| **Theoretical Actual** | | | | |
| Usage | | 35,130,818 | 35,426,870 | $ 70,557,688 |
| Usage Margin | | $ 11,593,170 | $ 11,690,867 | $ 23,284,037 |
| Fixed Margin | | $ 2,532,140 | $ 3,423,920 | $ 5,956,060 |
| Total Margin | | $ 14,125,310 | $ 15,114,787 | $ 29,240,097 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | **253,214** | **342,392** | |
| Usage | | **32,578,187** | **32,368,931** | 64,947,118 |
| Usage Margin | | $ 10,750,802 | $ 10,681,747 | $ 21,432,549 |
| Fixed Margin | | $ 2,532,140 | $ 3,423,920 | $ 5,956,060 |
| Total Margin | | $ 13,282,942 | $ 14,105,667 | $ 27,388,609 |

# February

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 254,576 | 344,831 | |
| **Actual Degree Days** | | 703.2 | 703.2 | |
| Normal Degree Days | | 766.0 | 766.0 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 41,489,763 | 42,553,242 | 84,043,005 |
| Usage Margin | | $ 13,691,622 | $ 14,042,570 | $ 27,734,192 |
| Fixed Margin | | $ 2,545,760 | $ 3,448,310 | $ 5,994,070 |
| Total Margin | | $ 16,237,382 | $ 17,490,880 | $ 33,728,262 |
| **Theoretical Actual** | | | | |
| Usage | | 38,429,140 | 39,143,385 | 77,572,525 |
| Usage Margin | | $ 12,681,616 | $ 12,917,317 | $ 25,598,933 |
| Fixed Margin | | $ 2,545,760 | $ 3,448,310 | $ 5,994,070 |
| Total Margin | | $ 15,227,376 | $ 16,365,627 | $ 31,593,003 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | **254,576** | **344,831** | |
| Usage | | **34,587,245** | **35,079,019** | 69,666,264 |
| Usage Margin | | $ 11,413,791 | $ 11,576,076 | $ 22,989,867 |
| Fixed Margin | | $ 2,545,760 | $ 3,448,310 | $ 5,994,070 |
| Total Margin | | $ 13,959,551 | $ 15,024,386 | $ 28,983,937 |

# March

| Description | | Residential | | Total |
|---|---|---|---|---|
| | | Value Rate Schedule No. 101 | Standard Rate Schedule No. 121 | |
| **No. of Customers - Budget** | | 255,263 | 344,998 | |
| **Actual Degree Days** | | 468.4 | 468.4 | |
| Normal Degree Days | | 495.3 | 495.3 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.33000 | $0.33000 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 28,373,282 | 27,868,510 | 56,241,792 |
| Usage Margin | | $ 9,363,183 | $ 9,196,608 | $ 18,559,791 |
| Fixed Margin | | $ 2,552,630 | $ 3,449,980 | $ 6,002,610 |
| Total Margin | | $ 11,915,813 | $ 12,646,588 | $ 24,562,401 |
| **Theoretical Actual** | | | | |
| Usage | | 27,058,745 | 26,407,211 | 53,465,956 |
| Usage Margin | | $ 8,929,386 | $ 8,714,380 | $ 17,643,765 |
| Fixed Margin | | $ 2,552,630 | $ 3,449,980 | $ 6,002,610 |
| Total Margin | | $ 11,482,016 | $ 12,164,360 | $ 23,646,375 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | **255,263** | **344,998** | |
| Usage | | **25,423,184** | **25,280,244** | 50,703,428 |
| Usage Margin | | $ 8,389,651 | $ 8,342,481 | $ 16,732,131 |
| Fixed Margin | | $ 2,552,630 | $ 3,449,980 | $ 6,002,610 |
| Total Margin | | $ 10,942,281 | $ 11,792,461 | $ 22,734,741 |

# April

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 255,567 | 343,605 | |
| **Actual Degree Days** | | 346.8 | 346.8 | |
| Normal Degree Days | | 306.7 | 306.7 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 19,179,677 | 17,551,963 | 36,731,639 |
| Usage Margin | | $ 5,982,141 | $ 5,474,457 | $ 11,456,598 |
| Fixed Margin | | $ 2,555,670 | $ 3,436,050 | $ 5,991,720 |
| Total Margin | | $ 8,537,811 | $ 8,910,507 | $ 17,448,318 |
| **Theoretical Actual** | | | | |
| Usage | | 21,141,599 | 19,721,535 | 40,863,134 |
| Usage Margin | | $ 6,594,065 | $ 6,151,147 | $ 12,745,211 |
| Fixed Margin | | $ 2,555,670 | $ 3,436,050 | $ 5,991,720 |
| Total Margin | | $ 9,149,735 | $ 9,587,197 | $ 18,736,931 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | **255,567** | **343,605** | |
| Usage | | **17,612,013** | **16,238,003** | 33,850,016 |
| Usage Margin | | $ 5,493,187 | $ 5,064,633 | $ 10,557,820 |
| Fixed Margin | | $ 2,555,670 | $ 3,436,050 | $ 5,991,720 |
| Total Margin | | $ 8,048,857 | $ 8,500,683 | $ 16,549,540 |

# May

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 255,443 | 340,536 | |
| | | | | |
| **Actual Degree Days** | | 91.5 | 91.5 | |
| Normal Degree Days | | 108.9 | 108.9 | |
| | | | | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| | | | | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| | | | | |
| **Normal** | | | | |
| Usage | | 9,497,554 | 6,788,999 | 16,286,552 |
| Usage Margin | | $ 2,962,287 | $ 2,117,489 | $ 5,079,776 |
| Fixed Margin | | $ 2,554,430 | $ 3,405,360 | $ 5,959,790 |
| Total Margin | | $ 5,516,717 | $ 5,522,849 | $ 11,039,566 |
| | | | | |
| **Theoretical Actual** | | | | |
| Usage | | 8,646,659 | 5,855,997 | 14,502,655 |
| Usage Margin | | $ 2,696,893 | $ 1,826,485 | $ 4,523,378 |
| Fixed Margin | | $ 2,554,430 | $ 3,405,360 | $ 5,959,790 |
| Total Margin | | $ 5,251,323 | $ 5,231,845 | $ 10,483,168 |
| | | | | |
| **Actual** | | | | |
| **No. of Customers - Actual** | | **255,443** | **340,536** | |
| Usage | | **9,385,077** | **6,639,725** | 16,024,802 |
| Usage Margin | | $ 2,927,206 | $ 2,070,930 | $ 4,998,136 |
| Fixed Margin | | $ 2,554,430 | $ 3,405,360 | $ 5,959,790 |
| Total Margin | | $ 5,481,636 | $ 5,476,290 | $ 10,957,926 |

# June

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| | | **254,807** | **335,746** | |
| No. of Customers - Budget | | 254,807 | 335,746 | |
| Actual Degree Days | | 0.0 | 0.0 | |
| Normal Degree Days | | 20.3 | 20.3 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 5,151,976 | 2,009,526 | 7,161,503 |
| Usage Margin | | $ 1,606,901 | $ 626,771 | $ 2,233,673 |
| Fixed Margin | | $ 2,548,070 | $ 3,357,460 | $ 5,905,530 |
| Total Margin | | $ 4,154,971 | $ 3,984,231 | $ 8,139,203 |
| **Theoretical Actual** | | | | |
| Usage | | 4,161,737 | 936,335 | 5,098,072 |
| Usage Margin | | $ 1,298,046 | $ 292,043 | $ 1,590,089 |
| Fixed Margin | | $ 2,548,070 | $ 3,357,460 | $ 5,905,530 |
| Total Margin | | $ 3,846,116 | $ 3,649,503 | $ 7,495,619 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | **254,807** | **335,746** | |
| Usage | | **5,705,135** | **2,554,241** | 8,259,376 |
| Usage Margin | | $ 1,779,432 | $ 796,668 | $ 2,576,099 |
| Fixed Margin | | $ 2,548,070 | $ 3,357,460 | $ 5,905,530 |
| Total Margin | | $ 4,327,502 | $ 4,154,128 | $ 8,481,629 |

# July

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 254,101 | 331,596 | |
| **Actual Degree Days** | | 0.0 | 0.0 | |
| Normal Degree Days | | 0.9 | 0.9 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 4,193,987 | 971,753 | 5,165,740 |
| Usage Margin | | $ 1,308,104 | $ 303,090 | $ 1,611,194 |
| Fixed Margin | | $ 2,541,010 | $ 3,315,960 | $ 5,856,970 |
| Total Margin | | $ 3,849,114 | $ 3,619,050 | $ 7,468,164 |
| **Theoretical Actual** | | | | |
| Usage | | 4,150,206 | 924,762 | 5,074,968 |
| Usage Margin | | $ 1,294,449 | $ 288,433 | $ 1,582,882 |
| Fixed Margin | | $ 2,541,010 | $ 3,315,960 | $ 5,856,970 |
| Total Margin | | $ 3,835,459 | $ 3,604,393 | $ 7,439,852 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | 254,101 | 331,596 | |
| Usage | | **4,527,327** | **1,784,963** | 6,312,290 |
| Usage Margin | | $ 1,412,073 | $ 556,730 | $ 1,968,803 |
| Fixed Margin | | $ 2,541,010 | $ 3,315,960 | $ 5,856,970 |
| Total Margin | | $ 3,953,083 | $ 3,872,690 | $ 7,825,773 |

# August

| Description | | Residential: Value Rate Schedule No. 101 | Residential: Standard Rate Schedule No. 121 | Total |
|---|---|---|---|---|
| **No. of Customers - Budget** | | 253,819 | 328,246 | |
| **Actual Degree Days** | | 0.0 | 0.0 | |
| Normal Degree Days | | 0.1 | 0.1 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 4,150,459 | 920,588 | 5,071,047 |
| Usage Margin | | $ 1,294,528 | $ 287,131 | $ 1,581,660 |
| Fixed Margin | | $ 2,538,190 | $ 3,282,460 | $ 5,820,650 |
| Total Margin | | $ 3,832,718 | $ 3,569,591 | $ 7,402,310 |
| **Theoretical Actual** | | | | |
| Usage | | 4,145,600 | 915,419 | 5,061,019 |
| Usage Margin | | $ 1,293,013 | $ 285,519 | $ 1,578,532 |
| Fixed Margin | | $ 2,538,190 | $ 3,282,460 | $ 5,820,650 |
| Total Margin | | $ 3,831,203 | $ 3,567,979 | $ 7,399,182 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | **253,819** | **328,246** | |
| Usage | | **4,297,166** | **1,667,677** | 5,964,843 |
| Usage Margin | | $ 1,340,286 | $ 520,148 | $ 1,860,435 |
| Fixed Margin | | $ 2,538,190 | $ 3,282,460 | $ 5,820,650 |
| Total Margin | | $ 3,878,476 | $ 3,802,608 | $ 7,681,085 |

# Sept

| Description | | Residential | | Total |
|---|---|---|---|---|
| | | Value Rate Schedule No. 101 | Standard Rate Schedule No. 121 | |
| **No. of Customers - Budget** | | 253,966 | 325,994 | |
| **Actual Degree Days** | | 0.1 | 0.1 | |
| Normal Degree Days | | 4.0 | 4.0 | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| **Normal** | | | | |
| Usage | | 4,342,478 | 1,114,463 | 5,456,941 |
| Usage Margin | | $ 1,354,419 | $ 347,601 | $ 1,702,020 |
| Fixed Margin | | $ 2,539,660 | $ 3,259,940 | $ 5,799,600 |
| Total Margin | | $ 3,894,079 | $ 3,607,541 | $ 7,501,620 |
| **Theoretical Actual** | | | | |
| Usage | | 4,152,863 | 914,272 | 5,067,135 |
| Usage Margin | | $ 1,295,278 | $ 285,161 | $ 1,580,439 |
| Fixed Margin | | $ 2,539,660 | $ 3,259,940 | $ 5,799,600 |
| Total Margin | | $ 3,834,938 | $ 3,545,101 | $ 7,380,039 |
| **Actual** | | | | |
| **No. of Customers - Actual** | | **253,966** | **325,994** | |
| Usage | | **4,415,620** | **1,747,961** | 6,163,581 |
| Usage Margin | | $ 1,377,232 | $ 545,189 | $ 1,922,421 |
| Fixed Margin | | $ 2,539,660 | $ 3,259,940 | $ 5,799,600 |
| Total Margin | | $ 3,916,892 | $ 3,805,129 | $ 7,722,021 |

# Oct

| Description | | Residential | | |
|---|---|---|---|---|
| | | Value Rate Schedule No. 101 | Standard Rate Schedule No. 121 | Total |
| **No. of Customers - Budget** | | 254,609 | 326,410 | |
| | | | | |
| **Actual Degree Days** | | 38.7 | 38.7 | |
| Normal Degree Days | | 94.4 | 94.4 | |
| | | | | |
| Base Load | (th/month) | 16.33290 | 2.78882 | |
| Heat Sensitivity Factor | (th/HDD) | 0.19144 | 0.15746 | |
| | | | | |
| R Factor | ($/th) | $0.31190 | $0.31190 | |
| Fixed Monthly Charge | | $10.00 | $10.00 | |
| | | | | |
| **Normal** | | | | |
| Usage | | 8,759,781 | 5,762,130 | 14,521,911 |
| Usage Margin | | $ 2,732,176 | $ 1,797,208 | $ 4,529,384 |
| Fixed Margin | | $ 2,546,090 | $ 3,264,100 | $ 5,810,190 |
| Total Margin | | $ 5,278,266 | $ 5,061,308 | $ 10,339,574 |
| | | | | |
| **Theoretical Actual** | | | | |
| Usage | | 6,044,832 | 2,899,344 | 8,944,176 |
| Usage Margin | | $ 1,885,383 | $ 904,305 | $ 2,789,689 |
| Fixed Margin | | $ 2,546,090 | $ 3,264,100 | $ 5,810,190 |
| Total Margin | | $ 4,431,473 | $ 4,168,405 | $ 8,599,879 |
| | | | | |
| **Actual** | | | | |
| **No. of Customers - Actual** | | **254,609** | **326,410** | |
| Usage | | **5,604,240** | **2,919,260** | 8,523,500 |
| Usage Margin | | $ 1,747,962 | $ 910,517 | $ 2,658,480 |
| Fixed Margin | | $ 2,546,090 | $ 3,264,100 | $ 5,810,190 |
| Total Margin | | $ 4,294,052 | $ 4,174,617 | $ 8,468,670 |

# CONFIDENTIAL
# Supplemental Responses to CAPD Discovery Request Nos. 36 & 37

**(see enclosed diskette)**