

PSC No: 16 - Gas
Rochester Gas and Electric Corporation
Initial Effective Date: January 1, 2005
Issued in compliance with order in Case 02-M-0515 dated August 4, 2004

Leaf No. 127.45
Revision: 2
Superseding Revision: 1

GENERAL INFORMATION

11. WEATHER NORMALIZATION ADJUSTMENT (WNA, also called Weather Adjustment)

A. Applicability:

- (1) Effective October 1, 2004, the WNA will be applicable to all space-heating customers taking service pursuant to Service Classification Nos. 1, 3, 5, 6, 7, 8 and 9 of this schedule or superseding issues thereof.
- (2) S.C. 3 and S.C. 7 customers whose use is greater than 35,000 therms annually will be deemed space heating if more than 60% of their annual usage is experienced between November 1 and March 31. Prior to each WNA season, RG&E will calculate S.C. 3 and S.C. 7 applicability based on individual customer usage during the preceding 12-month period ending June 30. All affected S.C. 3 and S.C. 7 customers will receive notice prior to the application of the WNA that they have exceeded the 60% threshold and are, therefore, subject to the WNA.
- (3) The WNA will be applied to the total gas usage during the WNA season of October 1st through May 31st. If only a portion of a customer's total gas usage for a particular billing period is applicable to the WNA season, then the WNA will be adjusted to reflect the portion applicable to the WNA season.
- (4) The WNA will only be billed if the actual heating degree-days for the billing cycle are less than 97.8% or more than 102.2% of the normal heating degree-days for the billing cycle. In such cases, the WNA will be based on the variation that is less than 97.8% or more than 102.2% of the normal heating degree-days for that billing cycle.

B. Calculation of the WNA:

- (1) The WNA will be calculated using the following formulas:

$$\text{WAF} = \frac{\text{DDF} * [\text{NHDD} + (\text{NHDD} * \pm 0.022)] - \text{AHDD}}{(\text{BP} * \text{BLT}) + (\text{DDF} * \text{AHDD})}$$

$$\begin{aligned} \text{Therms}_{\text{Normal}} &= \text{Therms}_{\text{Actual}} + (\text{Therms}_{\text{Actual}} * \text{WAF}) \\ \text{WNA}_n &= (\text{R}_n * \text{Therms}_{\text{Normal}(n)}) - \text{R}_n * \text{Therms}_{\text{Actual}(n)} \end{aligned}$$

$$\text{WNA}_{\text{Total}} = \text{Sum} (\text{WNA}_n)$$

- (2) Where,
 - (a). "WAF" is the Weather Adjustment Factor.
 - (b). "HDD" or Heating Degree Days are the difference between sixty-five degrees (65°) Fahrenheit and the average of the minimum and maximum temperature as reported by the Rochester National Weather Service station for a particular day. The HDD are zero (0) when the average temperature is greater than sixty-five degrees (65°) Fahrenheit. HDD is also used to refer to the cumulative HDD for any defined period greater than one (1) day.
 - (c). "NHDD" or Normal Heating Degree Days, for any given calendar day, are based upon a thirty (30)-year average of the heating degree-days for that calendar day. The applicable thirty (30)-year period ends on December 31st of the year before the current WNA season. NHDD is also used to refer to the cumulative NHDD for any defined period greater than one (1) day.

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