

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 1<sup>st</sup> through May 31<sup>st</sup>. 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 31<sup>st</sup> 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.

ISSUED BY: James A. Lahtinen, Vice President Rates and Regulatory Economics, Rochester, New York