..DID: 20981
..TXT: PSC NO: 90 GAS   LEAF: 100
COMPANY: NEW YORK STATE ELECTRIC & GAS CORPORATION   REVISION: 1
INITIAL EFFECTIVE DATE: 12/01/02   SUPERSEDING REVISION:
STAMPS: Issued in compliance with Commission order in Case 01-G-1668 dated 11/
RECEIVED: 11/26/02 STATUS: Effective EFFECTIVE: 12/01/02

GENERAL INFORMATION

17.   WEATHER NORMALIZATION ADJUSTMENT (WNA): (CONT'D)

B. Calculation of the WNA:

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

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

$$\text{Therms}_{Normal} = \text{Therms}_{Actual} + (\text{Therms}_{Actual} * WAF)$$

$$\text{WNA}_n = (R_n * \text{Therms}_{Normal\,(n)}) - (R_n * \text{Therms}_{Actual\,(n)})$$

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

(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 applicable 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-year average of the heating degree days for that calendar day. The applicable thirty-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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