

**TEXARKANA, TEXAS SERVICE AREA**

First Revised Sheet No. 2-2.1/2  
Replacing: Original Sheet No. 2-2.1/2  
CenterPoint Energy Arkla, a division of  
CenterPoint Energy Resources Corp.  
(Name of Company)  
Kind of Service: Natural Gas Class of Service: Residential (RS-T-1)  
and Small Commercial (SCS-1)  
PART II – Rider Schedule No. 2  
**Title: WEATHER NORMALIZATION ADJUSTMENT (WNA-T)**

Effective: September 1, 2018

**2. WEATHER NORMALIZATION ADJUSTMENT (WNA-T)**

2.1. For bills rendered from November 1 through April 30 each year, the applicable margin rates for gas service to customers served under the applicable rate schedules shall be adjusted by a Weather Normalization Adjustment (WNA) to reflect much of the impact of heating degree day variations from normal levels which were used to set rates under the applicable rate schedules.

2.2. In order to calculate the total weather adjustment for the applicable billing cycle, a weather deviation is computed and multiplied by the applicable margin rate. A per Ccf WNA adjustment is calculated by dividing the total weather adjustment by the average Ccf usage per customer for all customers in each billing cycle, using the formula described below. The per Ccf adjustment for each applicable rate schedule is applied to customer's usage for the billing cycle. The WNA shall be separately identified on customer bills.

2.3. CALCULATION OF WEATHER NORMALIZATION ADJUSTMENT

2.3.1. The WNA is calculated as follows:

$$WNA_i = \frac{R_i(DDF_i (NDD - ADD))}{AAU_i}$$

Where: i = Any particular rate classification to which the WNA is to be applied.

WNA = Weather Normalization Dollar Adjustment per Ccf

R = Applicable margin rate:

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Residential Service (RS-T-1) \$0.17840 per Ccf<sup>1</sup>  
Small Commercial Sales (SCS-1) \$0.08552 per Ccf

DDF = Degree Day Factor associated with the applicable rate schedule:

Residential Service (RS-T-1) .1611  
Small Commercial Sales (SCS-1) .6357

NDD = Normal Degree Days during the billing cycle

ADD = Actual Degree Days during the billing cycle

AAU = Average Actual Usage per customer for each billing cycle

2.4. DEFINITIONS

2.4.1. Normal Degree-days: The heating degree-days, which are based on a 30-year average ending December 31, 2001 as are shown on Attachment 1.

2.4.2. Actual Degree Days: The actual heating degree days as published by Weather Services Corporation, or any other nationally recognized third-party weather service.

2.5. APPLICABLE RATE SCHEDULES

Residential Firm Sales Service (RS-T-1)  
Small Commercial Firm Sales Service (SCS-1)

Notes:

<sup>1</sup> Applicable margin rate revised from \$0.18470 (GUD 9345) to \$0.17840 (GUD 10765).