

**WEATHER NORMALIZATION ADJUSTMENT  
 RIDER WNA**

**APPLICATION**

This rider is applicable to residential (RS) and small commercial customers (SCS-1 and SCS-2).

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.

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.

**CALCULATION OF WEATHER NORMALIZATION ADJUSTMENT**

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

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

Residential Service (RS)	.1845
Small Commercial Sales (SCS-1 and SCS-2)	.7162

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

**DEFINITIONS**

Normal Degree-days: The heating degree-days, which are based on a 10-year average ending June 30, 2005 as are shown on Attachment 1.

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

WEATHER NORMALIZATION ADJUSTMENT  
RIDER WNA (Cont'd)

**APPLICABLE MARGIN RATE**

The Residential Service (RS). The RS WNA marginal rate is \$0.1983 for residential volumes.

The Small Commercial Sales (SCS-1 and SCS-2).

The SCS-1 WNA marginal rate will use a weighted average marginal rate of the SCS-1 volumes that are in excess of 133 Ccf. The mechanics will be to use the bill frequencies to determine the volume in the 134-10,000 Ccf range, and the volume greater than 10,000 Ccf. The weighted average margin will be determined by applying the first block margin rate to the 134-10,000 Ccf volumes, the second block margin rate to the volumes greater than 10,000 Ccf, summing those totals and dividing the results by the total volumes in those blocks.

The SCS-2 WNA marginal rate will use a weighted average marginal rate of the SCS-2 volumes that are in excess of 136 Ccf. The mechanics will be to use the monthly bill frequencies to determine the volume in the 137-10,000 Ccf block, and the volume greater than 10,000 Ccf. The weighted average margin will be determined by applying the first block margin rate to the 137-10,000 Ccf volumes, the second block margin rate to the volumes greater than 10,000 Ccf, summing those totals and dividing the results by the total volumes in those ranges.

**WEATHER NORMALIZATION ADJUSTMENT  
 RIDER WNA  
 ATTACHMENT 1**

**CENTERPOINT ENERGY  
 LOUISIANA GAS - NORTH  
 ATTACHMENT NO. 1 TO WNA TARIFF  
 DAILY NORMAL HDDS FOR WNA BILLING  
 SHREVEPORT WEATHER LOCATION**

DATE	HDD	DATE	HDD	DATE	HDD	DATE	HDD
15-Sep	0	12-Nov	10	8-Jan	21	5-Mar	8
16-Sep	0	13-Nov	11	9-Jan	17	6-Mar	9
17-Sep	0	14-Nov	10	10-Jan	17	7-Mar	9
18-Sep	0	15-Nov	8	11-Jan	16	8-Mar	9
19-Sep	0	16-Nov	9	12-Jan	15	9-Mar	10
20-Sep	0	17-Nov	10	13-Jan	16	10-Mar	13
21-Sep	0	18-Nov	9	14-Jan	17	11-Mar	11
22-Sep	1	19-Nov	7	15-Jan	17	12-Mar	10
23-Sep	0	20-Nov	9	16-Jan	15	13-Mar	8
24-Sep	0	21-Nov	9	17-Jan	16	14-Mar	9
25-Sep	1	22-Nov	9	18-Jan	18	15-Mar	7
26-Sep	1	23-Nov	7	19-Jan	19	16-Mar	8
27-Sep	0	24-Nov	11	20-Jan	18	17-Mar	6
28-Sep	0	25-Nov	15	21-Jan	14	18-Mar	6
29-Sep	0	26-Nov	10	22-Jan	13	19-Mar	7
30-Sep	1	27-Nov	10	23-Jan	18	20-Mar	10
1-Oct	0	28-Nov	14	24-Jan	17	21-Mar	8
2-Oct	0	29-Nov	13	25-Jan	16	22-Mar	7
3-Oct	0	30-Nov	13	26-Jan	14	23-Mar	4
4-Oct	0	1-Dec	14	27-Jan	19	24-Mar	2
5-Oct	0	2-Dec	12	28-Jan	18	25-Mar	4
6-Oct	1	3-Dec	10	29-Jan	15	26-Mar	8
7-Oct	3	4-Dec	12	30-Jan	16	27-Mar	9
8-Oct	2	5-Dec	12	31-Jan	19	28-Mar	6
9-Oct	2	6-Dec	13	1-Feb	19	29-Mar	5
10-Oct	2	7-Dec	16	2-Feb	18	30-Mar	3
11-Oct	2	8-Dec	14	3-Feb	17	31-Mar	4
12-Oct	1	9-Dec	13	4-Feb	19	1-Apr	4
13-Oct	1	10-Dec	16	5-Feb	21	2-Apr	2
14-Oct	2	11-Dec	19	6-Feb	17	3-Apr	2
15-Oct	2	12-Dec	15	7-Feb	14	4-Apr	4
16-Oct	2	13-Dec	17	8-Feb	15	5-Apr	5
17-Oct	2	14-Dec	18	9-Feb	12	6-Apr	4
18-Oct	3	15-Dec	17	10-Feb	14	7-Apr	2
19-Oct	3	16-Dec	16	11-Feb	14	8-Apr	4
20-Oct	2	17-Dec	17	12-Feb	17	9-Apr	5
21-Oct	1	18-Dec	17	13-Feb	12	10-Apr	3
22-Oct	2	19-Dec	20	14-Feb	11	11-Apr	2
23-Oct	3	20-Dec	19	15-Feb	10	12-Apr	5
24-Oct	3	21-Dec	17	16-Feb	14	13-Apr	4
25-Oct	3	22-Dec	18	17-Feb	15	14-Apr	3
26-Oct	3	23-Dec	22	18-Feb	13	15-Apr	4
27-Oct	4	24-Dec	26	19-Feb	8	16-Apr	3
28-Oct	4	25-Dec	26	20-Feb	8	17-Apr	4
29-Oct	3	26-Dec	24	21-Feb	9	18-Apr	4
30-Oct	3	27-Dec	19	22-Feb	11	19-Apr	1
31-Oct	2	28-Dec	18	23-Feb	9	20-Apr	0
1-Nov	1	29-Dec	16	24-Feb	10	21-Apr	0
2-Nov	4	30-Dec	16	25-Feb	10	22-Apr	1
3-Nov	9	31-Dec	16	26-Feb	12	23-Apr	2
4-Nov	8	1-Jan	15	27-Feb	14	24-Apr	2
5-Nov	7	2-Jan	14	28-Feb	14	25-Apr	1
6-Nov	6	3-Jan	17	29-Feb	11	26-Apr	1
7-Nov	8	4-Jan	16	1-Mar	12	27-Apr	1
8-Nov	10	5-Jan	17	2-Mar	13	28-Apr	1
9-Nov	8	6-Jan	20	3-Mar	14	29-Apr	1
10-Nov	7	7-Jan	21	4-Mar	12	30-Apr	1
11-Nov	9						