



DTE Weather-Adjusted Energy Factor

Weather-adjusted energy usage data is a customer's gas or electric usage for a given period of time that has been normalized. During a selected month, when the weather is hotter or colder than normal, normalized data can be used to determine what your energy usage would have been if the weather was "normal." This sheet provides a weather-adjusted factor to weather-normalize electric or gas consumption for a given month.

Instructions for Using This Form (Both Electric & Gas)

Step 1 --- Customers with an advanced metering infrastructure meter can download usage history to Excel from DTE's [website](#).

Step 2 --- After downloading usage history, add all consumption for the desired calendar month.

Step 3 --- Using the appropriate customer designation, multiply the total consumption by the percentage factor from the table below to get weather-normalized consumption.

Electric Factor	Aug-2018	Sept-2018	Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	March-2019	April-2019	May-2019	June-2019	July-2019	Aug-2019
Factor (Residential)	85.8%	84.3%	96.5%	96.5%	102.3%	98.5%	99.8%	97.2%	100.3%	103.8%	107.5%	88.5%	97.5%
Factor (Commercial)	95.1%	94.6%	98.6%	98.6%	101.5%	99.7%	99.9%	99.0%	100.3%	101.0%	101.5%	96.2%	99.1%
Factor (Industrial)	99.1%	99.4%	99.5%	99.1%	101.1%	99.8%	100.0%	99.8%	100.1%	100.1%	100.3%	99.1%	99.8%

Sample Calculation (Electric)

*Your electric consumption for January 2019 was **600 kWh**

*The January 2019 factor for residential customers was **98.5%**

*Multiply **600 kWh * 98.5% = 592 kWh**

*Your consumption would have been approximately **592 kWh in this month if the weather was normal**

Gas Factor	Aug-2018	Sep-2018	Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	March-2019	April-2019	May-2019	June-2019	July-2019	Aug-2019
Factor (Residential)	103.5%	102.5%	85.3%	80.3%	110.0%	94.0%	101.5%	88.7%	98.5%	88.1%	91.7%	101.8%	102.5%
Factor (Commercial)	100.7%	97.8%	80.2%	77.6%	110.5%	93.7%	101.0%	89.2%	98.9%	90.5%	95.0%	101.3%	101.5%

Sample Calculation (Gas)

*Your gas consumption for January 2019 was 160 CCF

*The January 2019 factor for residential customers was **94.0%**

*Multiply **160 CCF * 94.0% = 150 CCF**

*Your consumption would have been approximately **150 CCF in this month if the weather was normal**