



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	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022
Factor (Residential)	104.7%	96.1%	98.8%	101.1%	98.3%	94.6%	97.3%	101.7%	98.2%	96.5%	103.0%	101.0%	98.9%
Factor (Commercial)	101.6%	98.4%	99.6%	100.9%	100.3%	97.3%	99.1%	100.2%	99.1%	99.0%	101.1%	99.4%	100.0%
Factor (Industrial)	100.7%	99.7%	99.9%	100.9%	100.2%	99.2%	99.9%	100.0%	99.8%	99.8%	100.3%	99.6%	99.9%

Sample Calculation (Electric)

*Your electric consumption for December 2022 was **600 kWh**

*The December 2022 factor for residential customers was **98.9%**

*Multiply **600 kWh** * **98.9%** = **593 kWh**

*Your consumption would have been approximately **593 kWh in this month if the weather was normal**

Gas Factor	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022
Factor (Residential)	119.4%	88.2%	99.2%	102.4%	88.0%	115.9%	101.0%	101.2%	101.5%	94.2%	94.7%	107.8%	102.3%
Factor (Commercial)	116.6%	85.1%	98.7%	101.8%	83.9%	107.1%	98.0%	100.1%	100.5%	93.7%	93.6%	106.9%	102.2%

Sample Calculation (Gas)

*Your gas consumption for December 2022 was **150 CCF**

*The December 2022 factor for residential customers was **102.3%**

*Multiply **150 CCF** * **102.3%** = **153 CCF**

*Your consumption would have been approximately **153 CCF in this month if the weather was normal**

*For the months of June through September, if the percentage is within 4% of 100%, it is recommended to use no normalization adjustment (i.e. leave it at 100%)