



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      | Jan-2023 | Feb-2023 | Mar-2023 | Apr-2023 | May-2023 | Jun-2023 | Jul-2023 | Aug-2023 | Sep-2023 | Oct-2023 | Nov-2023 | Dec-2023 | Jan-2024 |
|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Factor (Residential) | 106.5%   | 106.2%   | 100.0%   | 100.0%   | 104.3%   | 111.0%   | 107.2%   | 117.6%   | 106.9%   | 98.9%    | 100.1%   | 107.2%   | 100.9%   |
| Factor (Commercial)  | 102.4%   | 102.5%   | 101.0%   | 99.6%    | 101.0%   | 103.3%   | 101.7%   | 104.6%   | 101.0%   | 99.7%    | 100.5%   | 102.9%   | 100.8%   |
| Factor (Industrial)  | 100.3%   | 100.4%   | 100.8%   | 100.1%   | 100.1%   | 100.8%   | 100.4%   | 101.2%   | 100.1%   | 100.0%   | 100.1%   | 100.5%   | 100.1%   |

Sample Calculation (Electric)

- \*Your electric consumption for December 2023 was 600 kWh
- \*The December 2023 factor for residential customers was 107.2%
- \*Multiply 600 kWh \* 107.2% = 643 kWh
- \*Your consumption would have been approximately 643 kWh in this month if the weather was normal

| Gas Factor           | Jan-2023 | Feb-2023 | Mar-2023 | Apr-2023 | May-2023 | Jun-2023 | Jul-2023 | Aug-2023 | Sep-2023 | Oct-2023 | Nov-2023 | Dec-2023 | Jan-2024 |
|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Factor (Residential) | 123.3%   | 118.8%   | 99.4%    | 107.6%   | 98.4%    | 100.3%   | 101.6%   | 97.8%    | 115.7%   | 100.4%   | 98.8%    | 135.0%   | 106.5%   |
| Factor (Commercial)  | 126.4%   | 120.2%   | 98.3%    | 105.0%   | 101.4%   | 99.4%    | 99.7%    | 101.3%   | 95.0%    | 93.8%    | 98.7%    | 145.8%   | 107.8%   |

Sample Calculation (Gas)

- \*Your gas consumption for December 2023 was 150 CCF
- \*The December 2022 factor for residential customers was 135.0%
- \*Multiply 150 CCF \* 135.0% = 203 CCF
- \*Your consumption would have been approximately 203 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%)