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## Degree Day Automatic Delivery

When you open an account with Combined Energy, you will get Combined Energy's state-of-the-art automatic delivery service at no extra cost! This system tracks your usage and forecasts when you will need a delivery, so you never have to call, or remember to check your tank.

How does degree day automatic delivery work?

Combined Energy utilizes several methods of Automatic delivery including dated delivery, electronically monitored delivery, and degree day delivery. The most common system is degree day delivery. To understand degree day delivery, you need to have an understanding of what degree days are. The term "Degree day" is a bit confusing because many degree days can be recorded for one 24 hr period. So for this exercise, let's pretend the word "day" doesn't exist. As you may assume, degree day calculation is based on outside temperature. The calculation uses a baseline of 65°F as a starting point. From there we take the average temperature for the last 24 hour period, and subtract it from 65. This is the number of degree days that accumulated over the last 24 hours. As an example, if the average temperature for the last 24 hours was 45°, we can compute the degree days fairly simply:

$$\begin{array}{r} 65^{\circ} \\ - 45^{\circ} \\ \hline 20 \text{ Degree Days} \end{array}$$

How is that used to deliver my oil?

After arriving at the degree day, we calculate what is called a K-factor for each customer. It's like a Mile-Per-Gallon MPG calculation you do on an automobile, only we use degree days instead of miles. After each delivery we re-calculate this to be used to project the next delivery date.

For example:

If 500 hundred degree days pass, and you burn 100 gallons of fuel, you have a K-Factor of 5, or 5 degree days per gallon.

Now that you know how it works, you can sit back and relax!

All the calculations are done by state-of-the-art systems that are managed by our oil delivery management personnel. Want more information? Just contact Combined Energy Services via email at [info@combinedenergyservices.com](mailto:info@combinedenergyservices.com) or contact us at one of our local offices.