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Important Facts About



Strategic Electrification

Why “Strategic Electrification” Could Leave You Cold

Carbon neutral energy for heating, hot water and industrial use is an admirable goal, and we support it. But “strategic electrification” is currently a flawed and impractical solution. Before you make a decision about your home’s heating and energy source, be sure to get the facts:

For Your Home:

- Electricity is one of the most expensive ways to heat your home.
- Installation of an electric heat pump for heating and hot water will cost approximately \$10,000.
- Heat pumps require a back-up heat source at temperatures below 25°-30° F.

For the Community

- Most electric generation plants are powered by carbon-dioxide-producing natural gas and coal.
- The current electric generation and distribution infrastructure can’t handle peak demand. Large buildings already need to switch to other energy sources on the hottest and coldest days.

- It will take years before renewable energy like wind or solar can generate enough electricity to meet current demand, let alone replace all heating and transportation fuels.
- In reality, if current “strategic electrification” plans move forward, the result is likely to be *increased* use of fossil fuels for electric generation, which would create *more* carbon dioxide and other greenhouse gases.

We have a better solution:

- **The Bioheat® fuel we deliver for your space heating and hot water is a mix of a renewable low carbon liquid fuel and traditional heating oil that is already reducing carbon dioxide, sulfur and nitrogen oxide emissions.**
- Even better: our energy experts are developing technologies to use higher concentrations of Renewable Liquid Fuels that will produce energy with virtually zero greenhouse gas emissions.



The heating and energy source of tomorrow is already here.

To learn more about clean, safe, reliable Bioheat® fuel, visit our website or contact your local fuel dealer.

www.americanenergycoalition.org/bioheat

