



# NEWS

## The Marathon Keeps Running

It's a long life engine. The core of our ecopower microCHP. It's like no other in the market. And it keeps running and running and running.

The Marathon Engine is advertised to run 40,000+ hours. The only way to test an engine that lasts that long (or longer) is to keep it running. At Marathon Engine Systems an engine has been running to prove just that. And it just passed 50,000 hours.

The engine powers an ecopower system that, along with two other ecopower units, heats our 45,000 sq. ft. manufacturing facility. Not only has that single ecopower produced over 2 billion BTU's of heat, but it has also generated over 200 megawatt hours of electricity. It is powered by natural gas and all electricity is used on site to reduce the facilities electric bill.



**Engine Hours:**  
**50,181**

**Electricity Generated:**  
**217.317 megawatt  
hours**

**Heat Produced:**  
**2,352,096,842 BTU's**

Based on our average cost per kilowatt of \$0.15, that equates to \$32,597.55 of electricity generated by one ecopower... so far.

\*data as of 1/5/2017

Proudly made in the USA, the Marathon Engine has proven it will last. Clean burning natural gas or propane contributes to its long life and thermal efficiency. The Marathon Engine is like no other.

## Project Spotlight

In June 2012, Madison Gas & Electric had an ecopower installed in the Aviary Building at the Henry Vilas Zoo located in Madison, Wisconsin. The single unit assists in heating the building and maintaining the temperature for the exotic birds that call it home. During the winter, the ecopower runs close to full power 24 hours a day. The system will modulate to slower speeds during warmer weather and shut off when the outdoor temperature is warm enough to maintain the 75° indoor set point.

Over the life of the installation, the ecopower has produced approximately 1,112,879,960 BTU's of heat using natural gas. In addition to that heat, ecopower also generated over 102 megawatts of electricity (data from June 2012 - Jan 2, 2017).

To read more details about this project, visit our website at [www.ecopowermicrochp.com](http://www.ecopowermicrochp.com).





## Ecopower Markets

There are endless applications and markets where ecopower can be installed to make use of the heat and electricity it produces.

Any application that has a large thermal load is an ideal candidate for the ecopower system. We have found the most successful markets to be ones where the price per kilowatt is high and cost of natural gas is low. And the higher the cost per kilowatt, the faster the payback. Some utilities even offer gas discounts when an ecopower is installed.

Today, most of our installations are in multi-family buildings that have centralized domestic water systems. Hot water needs are a great use of the thermal energy because it is a year-round need not based on seasonal demands like space heating. Sized correctly, the ecopower(s) will run 24/7 year round maximizing the electrical production. The electricity produced is used in common areas and reduces the building owners utility bill.

Large homes with pools are also great applications. Homeowners wanting to reduce their electric bill have looked to ecopower for a solution. Ecopower can be used for space heating, domestic water and to heat the pool all while producing electricity.

We also have installations in a car wash, town halls, heating pools at an athletic facility, and an aviary building at a zoo. Installations are located in Canada, the East Coast, and Midwest.

There are many untapped opportunities. Contact us or your local dealer to discuss your application and learn how ecopower can save you money!

### SUGGESTED APPLICATIONS

- Multi-Family Buildings
  - Large Homes
  - Swimming Pools
  - Athletic Facilities
  - Hotels
  - Dialysis Centers
- Commercial Buildings

## Watt's News?

Marathon Energy, our ecopower dealer in NYC, has 34 ecopower units under their service - currently our largest market.

Reminder: ecopower is EPA Certified, UL Listed, CSA Approved.

Check out our newest website dedicated to ecopower at [www.ecopowermicrochp.com](http://www.ecopowermicrochp.com) - where all our marketing materials and news can be found.

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