



PROJECT PROFILE

Bantr Hotel

Location: Rothschild, WI



OVERVIEW

Bantr is a modern lodge-style hotel that offers 140 cabin-inspired suites, entertainment venue, furnished apartments, event spaces, gym, large swimming pool and hot tub. Recently, the hotel has taken a step towards sustainability and savings by installing six EcoPrime microCHP systems, which will provide heating for the pool and hot tub, as well as domestic hot water for the entire facility. The systems are expected to be operational by the end of the year.

OBJECTIVE

By implementing the EcoPrime systems, the hotel aims to significantly cut its utility expenses by producing heat and electricity on-site. With electricity costs on the rise, these systems will effectively shield the hotel from future price increases for the foreseeable future. Additionally, by utilizing cleaner energy solutions, Bantr will also minimize its carbon footprint, contributing to a more sustainable environment.



BENEFITS

Electric grid consumption reduced

As the EcoPrime is producing heat, the system is also co-generating electricity. This electricity will be used on-site, reducing the overall kilowatts consumed from the grid. If there is excess produced, it can be net metered.

Reduction of utility bill

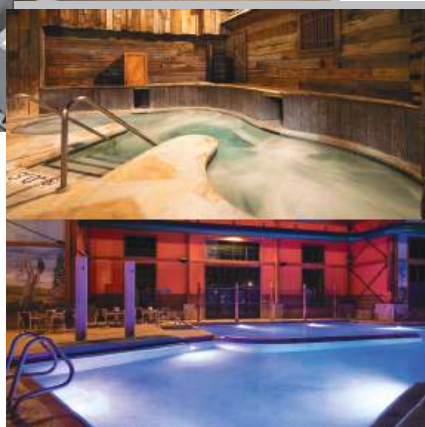
Because the mCHP is generating electricity and used on-site, that is less electricity purchased from the local utility. Therefore, the hotel will be saving money.

CO₂ and GHG emissions reduced

The EcoPrime will reduce emissions compared to buying power from the traditional grid, where as much as 58% of waste heat goes into the atmosphere. Our system emissions are extremely low as we use the heat and power on-site and have an extremely low emission engine.

Minimized use of less efficient equipment

The EcoPrime units serve as the primary water heating system. Boilers in place are used if needed. This will extend the life of the boilers as they serve as a backup to the long-life microCHP systems.



The anticipated return on investment for this project is around seven years. By installing EcoPrime microCHP systems, property values see an immediate boost, often exceeding the costs associated with the system and its installation. This enhancement not only justifies the initial expenditure but can significantly multiply the investment's value over time.

