

FOCUS ON CHILLERS

The Problem

The Henry Dodge Office Building in Dodge County was in need of a new chiller. Chillers are utilized in large commercial buildings and schools to condition air during warm shoulder months and hot summers.

The facility's chiller was inefficient and nearing the end of its useful life. Dodge County wanted to identify a chiller able to provide adequate space cooling while still being energy and cost efficient.

The Approach

Dodge County needed a long-term solution to ensure their space was comfortable for their employees. They received four bids from local Trade Allies and were looking for a way to differentiate each beyond just the upfront cost and stated performance. How much energy would each save over the life of the chiller? What incentive could FOCUS ON ENERGY® provide? What was the payback based on energy savings and incentive?

In March 2015, Dodge County contacted Focus on Energy to aid in the process of identifying a new efficient chiller with the best return on investment. Their local Energy Advisor provided the County with an analysis highlighting the annual energy savings, project costs, simple payback, and financial incentives available for each of the four bids received.

The Solution

The County used the valuable information their Energy Advisor provided them as a catalyst in the decision-making process. In the end, Dodge County was able to install the best, high efficiency air cooled chiller for their facility needs. By completing this energy efficiency project, their employees' comfort level has improved adding to a more productive work environment.

Project Breakdown:

- **Equipment Installed:** New high-efficiency air-cooled chiller
- **Benefits:** 20 Year expected useful life
- **Annual Energy Savings:** 98,373 kWh
- **Focus on Energy Incentive:** $28,277
- **Payback:** 7.5 Years

> *Focus on Energy is a fantastic program. Any time we are working on a project, we reach out to Focus on Energy before we do anything else. They have helped save Dodge County tens of thousands of dollars.*
>
> **Russ Freber**
> **Director Physical Facilities**
> **Dodge County**

REDUCING ENERGY WASTE ACROSS WISCONSIN

Focus on Energy, Wisconsin utilities' statewide program for energy efficiency and renewable energy, helps eligible residents and businesses save energy and money while protecting the environment. Focus on Energy information, resources, and financial incentives help to implement energy efficiency and renewable energy projects that otherwise would not be completed.

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