FACT SHEET

Data Center Energy Efficiency Grant

Kaiser Permanente

BACKGROUND

The first of its kind grant in the country, the Data Center Energy Efficiency Grant is a competitive program that encourages the implementation of cost-effective energy efficiency measures in Maryland data centers. Examples of eligible efficiency measures include a variety of measures like virtualization, air flow optimization, uninterruptible power supplies, or any other cost-effective energy efficiency methods.

Grant Recipient
Kaiser Permanente

Location
Silver Spring, MD

Grant Amount
$200,000

Issue Date
February, 2020

"At Kaiser Permanente, we are deeply committed to being good stewards of our resources and this includes taking steps to help protect our environment. We are happy to implement these changes at our Silver Spring Data Center that not only save dollars, but allow us to work toward a goal to become carbon neutral in 2020"

- Michael Willis
Vice President &
Business Information Officer
Kaiser Permanente

PROJECT HIGHLIGHTS

Kaiser Permanente recived a $200,000 grant from the Maryland Energy Administration (MEA) to offset up to 50% of net costs of the energy efficiency solutions at this regional data center. The estimated annual energy savings of this project is 1,902,769 kilowatts per hour (kWh) or $228,332 annual energy cost savings.

Upgrades for this project included replacing constant speed fans with variable speed fans in the computer room air conditioning units, updating the controls to more energy efficient models and modes, and monitoring for opportunities to save energy and reduce costs.

The fans are used to maintain cool temperatures in the rooms where computers and other equipment stores critical data.

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