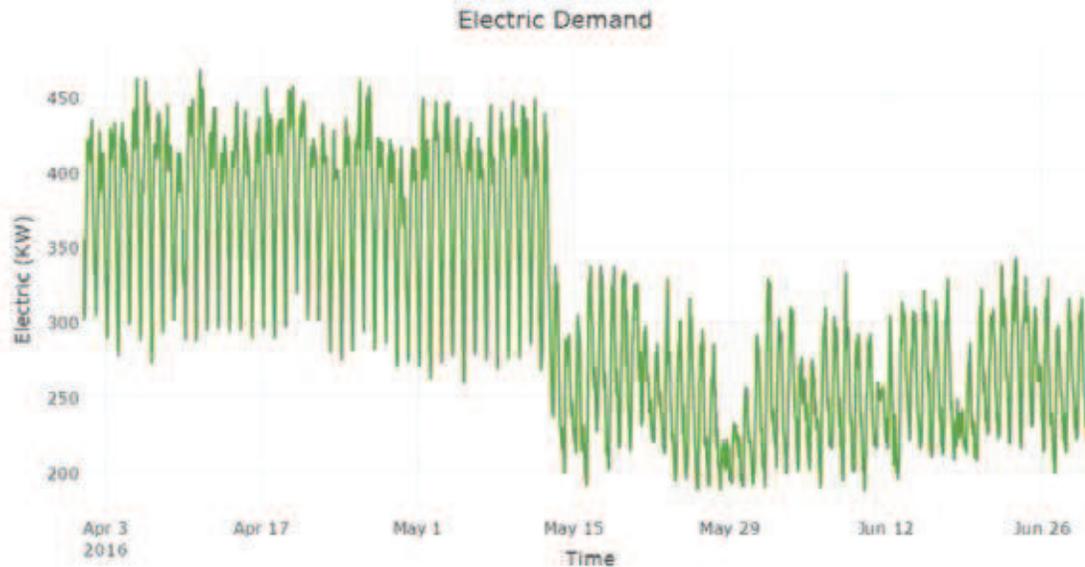


CHAMPION INNOVATION PROJECT: SITTON BUILDING ANALYTICS



MEASURABLE ELEMENTS

With the help of this product, a typical building owner can achieve and sustain 20% energy savings with a payback of 5 years or less.

In addition to the energy savings, owners are seeing measurable improvements in occupant comfort and a reduction in operation and maintenance costs.

QUALITATIVE ELEMENTS

Sitton Building Analytics uses the latest technology to monitor and analyze data from existing building systems. This data is then used to identify and prioritize operational improvements and cost-saving opportunities within the building, as well as tracking and sustaining savings from previous projects.

Since the release of Sitton Building Analytics, the results our clients have experienced on their projects have improved because the product provides valuable feedback on the real time performance of each building, which allows us to troubleshoot poor performance before it becomes a big problem. Since we can pinpoint which systems have irregularities, building owners use this feedback to prioritize their operation and maintenance efforts.

“More and more of our clients are seeing the financial, operational and public image value of energy efficiency, and how it can serve as a catalyst for broader sustainability within their organization.”

Doug Sitton | Founder and President

Sarah Hillebrand | Green Team Leader
shillebrand@sittoncg.com | 314.309.2029

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Tenant: 2,000 ft² | www.sittoncg.com

Sitton Energy Solutions

St. Louis Green Business Challenge – 2016 Champion Innovation Project Energy Efficiency Data Management Innovation: Sitton Building Analytics

Project Description

Sitton Building Analytics uses the latest technology to monitor and analyze data from existing building systems. This data is then used to identify and prioritize operational improvements and cost-saving opportunities within the building, as well as tracking and sustaining savings from previous projects.

Project Location

Midwest US

Project Time Frame

We have developed this product over the last two years. As available technology evolves, the continuous development and improvement of Sitton Building Analytics will remain a priority.

Who or what does this project impact?

Sitton Building Analytics impacts all of our energy saving projects, but most importantly it impacts building owners by allowing them to easily and continually monitor building performance.

How does this project advance sustainability within your company's day-to-day operations?

The product makes it more efficient for us to monitor and troubleshoot the performance of our clients' buildings, which means our clients' energy and operation and maintenance savings are sustained and built upon over time.

How does this project advance sustainability within your company culture?

The product provides real-time reporting on the energy savings that our clients have achieved, serving as a catalyst for broader sustainability practices.

How does this project advance sustainability in the mix of your services to clients/customers?

Coupling Sitton Building Analytics with our standard building optimization services makes it possible for us to offer a cost-effective solution to our clients, which allows them to sustain and build upon their energy savings over time.

What cost(s) are associated with this project?

The primary costs include research and development staff time which are typical with any new product.

What kinds of savings are generated?

This product can help the average building owner achieve and sustain 20% energy savings with a 5 year payback or less.

What are your company's next steps for this project?

Our next steps are to continue to co-develop this product with our clients, adding additional features and functionality to the product as we increase the number of installations.