



A CASE STUDY



THE UNIVERSITY OF UTAH HAS CREATED A COMPREHENSIVE ENERGY MANAGEMENT SYSTEM WITH THE HELP OF VITALITY ENERGY.

Overview:

The University of Utah (“U”) is a public university founded in 1850 with a world class medical school and research facilities, a topnotch law school and a leading edge technology research and development effort. U graduates have made major contributions in many fields of endeavor including technology, the arts, medicine, and business.

23,789 undergraduate students and 8,071 graduate students occupy approximately 400 buildings on a campus situated in the beautiful foothills looking over historic Salt Lake City. Environmentally responsible, the U has implemented many measures to improve energy efficiency and reduce their carbon footprint.

Project Details:

- Engineering & Design
- Programming & Commissioning
- Measurement & Verification
- Design Build Metering



Solution:

Since 2009, Vitality Energy has provided a number of different services, including, measurement and verification of implemented energy projects, utility metering design and implementation as well as turn-key metering services. Vitality has also overseen the implementation of a custom version of the VITALITY system that provides vital energy metrics to the Energy Management Department as well as enabling a robust utility sub-billing function that allows specific allocation of energy costs across the many campus buildings and departments.

Measurement & Verification:

After doing a full-scale energy conservation project with a nationwide Energy Services Company (ESCO) the University of Utah was looking at a way to measure the return on their investment from an independent third party. Vitality Energy was hired to solve this issue. We started by creating a custom application through the Vitality Software platform that takes all the data from before and after the project and generates a return on the University's investment. After nearly five years of delivering this service, the University of Utah continues to use the data provided through Vitality to make decisions on current projects as well as future energy conservation measures.

**OVER 1,000 METERS IN
OVER 100 BUILDINGS HAVE
BEEN PROGRAMMED AND
COMMISSIONED UNDER
VITALITY ENERGY**

Ongoing Services:

Vitality Energy helps maintain the function and data accuracy of over one-thousand meters that have been installed across the campus. This includes hardware maintenance and troubleshooting, verification of programming points and oversight of new construction. Recently, Vitality has helped transition key metering connection points and data acquisition from the existing Building Automation System (BAS) to a more comprehensive Data Acquisition Server (DAS) to improve data integrity and reduce network problems that have grown as the metering network has expanded to current proportions.





+



100

BUILDINGS

1,000

METERS

It's time to gain control of your energy metering.
It's time for Vitality Energy.
Let Vitality give you all of your building's vital information.

LEARN MORE TODAY!

Schedule a time to speak with a Vitality Energy expert to see how we can help you with your energy analytic needs.

Contact us:

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