

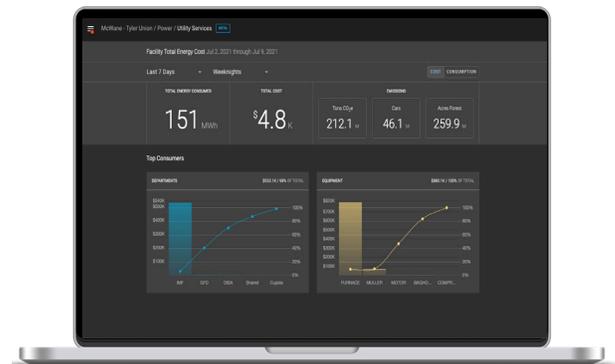


Energy Insights is an adaptable, easy-to-use monitoring solution that helps identify where the plant is wasting energy so companies can develop a corrective action plan to optimize energy usage and lower operational costs.

SimplySnap wirelessly sub-meters the energy consumption and calculates the cost of equipment, departments, and can roll-up energy data across the whole facility. SimplySnap provides additional insights by gathering data from sensors attached to existing HVAC systems, air compressors, paint booths, welders, furnaces and other process equipment. Using comparison charts and reporting tools, companies can prioritize savings opportunities and take action to lower energy costs in a demonstrable manner for the entire factory.

SIMPLE USER INTERFACE

With SimplySnap, users can access detailed energy measurements and reports organized by facility, departments, or equipment type using a web browser on any computer or smart device.



The responsive design and intuitive user interface works great on laptops, tablets, or phones for quick access and real time updates to the system. Our intelligent energy management system scales easily to support large organizations with single or multiple facilities.



KEY APPLICATIONS

MANUFACTURING FACILITIES



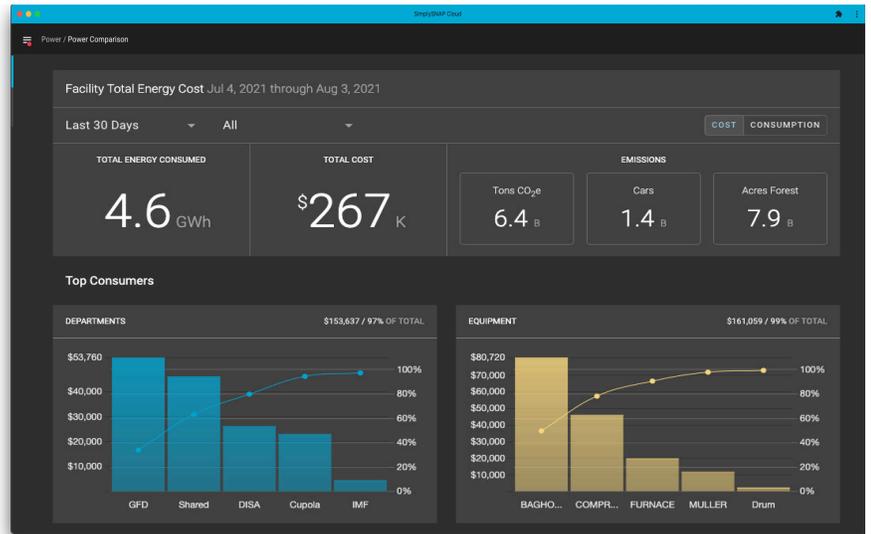
- + Automotive
- + Fabricated Metal
- + Foundries

- + Heavy Equipment
- + Light Industrial
- + Processing Plants

SOFTWARE FEATURES

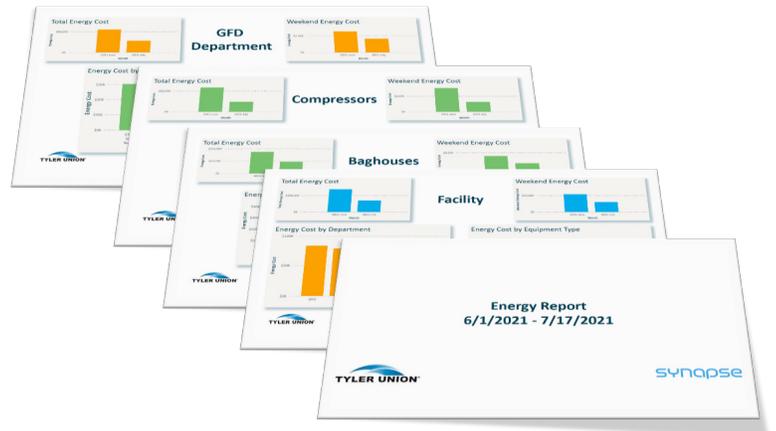
ENERGY SITE OVERVIEW

Analyze the overall energy consumption and cost of a facility. SimplySnap allows you to view energy data across departments and equipment and filter across different timeframes to understand the where and when the most energy is used.



ENERGY REPORTS

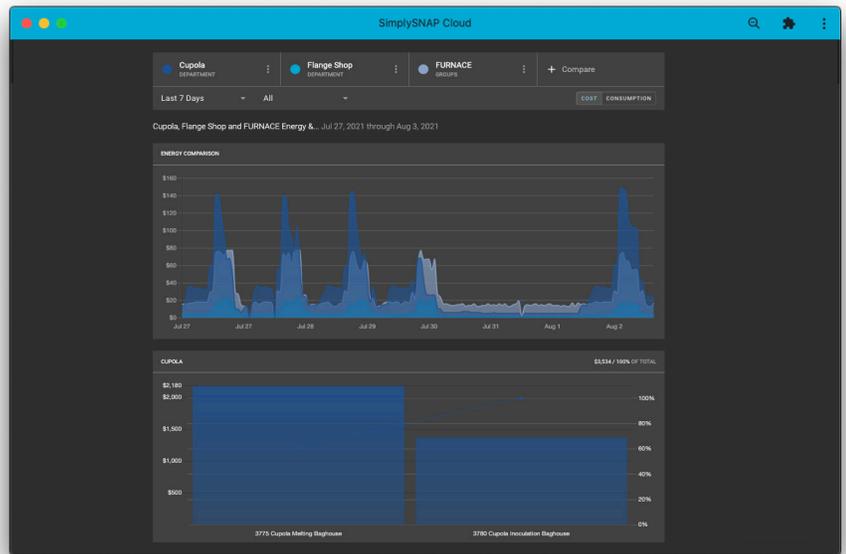
Create and share energy consumption and cost reports of a facility. The Energy Overview Reports from SimplySnap summarize energy use and savings across the facility to track progress against corporate goals over time.



SOFTWARE FEATURES

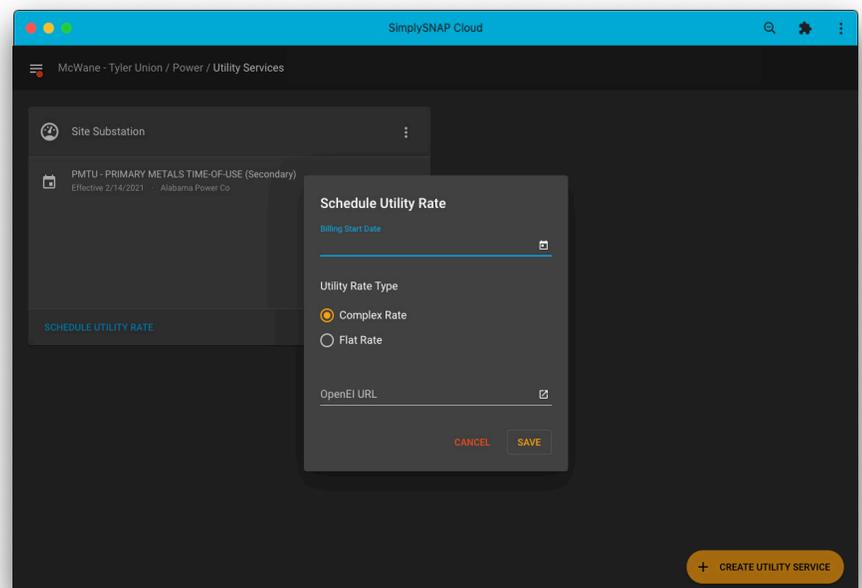
ENERGY EXPLORER

Compare energy use across departments and timeframes to understand detailed energy consumption and cost. The Energy Explorer comparison tools and Pareto charts help prioritize efforts on the top consuming departments and equipment to save energy.



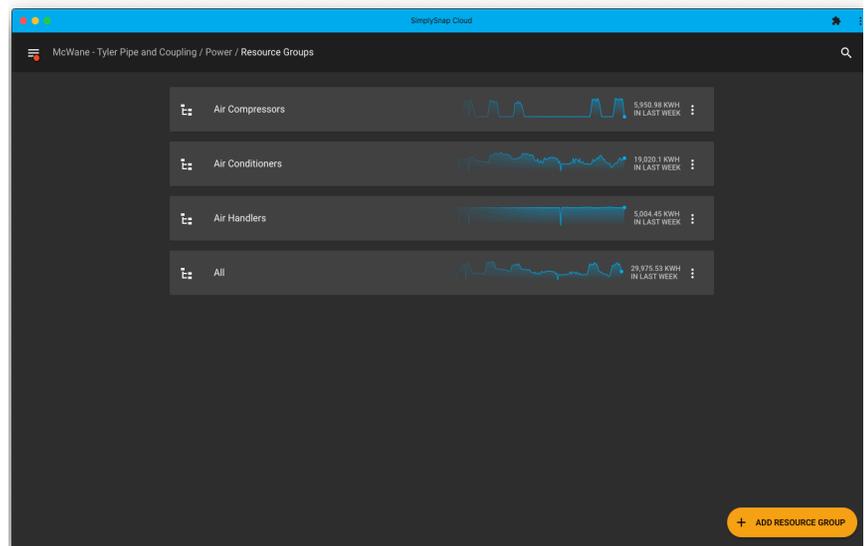
CALCULATE UTILITY COSTS

SimplySnap's energy cost algorithm uses the utility rate structure to convert power into dollars. It considers complex structures that have different rates depending on the month and time of day. It also considers the cost of peak demand in a given month.



ORGANIZE ENERGY CONSUMERS

Group energy measurements together to track energy cost of individual equipment and departments over time to measure against savings initiatives.



OTHER SOFTWARE FEATURES

- + Mult-site management: Single log-in and one interface to manage multiple locations
- + Reporting: Track compliance to corporate initiatives related to energy savings and sustainability
- + User Account Levels: Different user account levels restrict access and control to the system to provide basic users with only the tools they need
- + Alerts and alarms: Notifications are sent immediately when issues are detected
- + Automation: Build schedules for different areas based on production hours or other factors to adjust HVAC and Lighting behaviors automatically (optional)
- + Expansion: Use with other Synapse-enabled devices to add control of lighting systems, compressed air, or HVAC systems (optional)

HARDWARE COMPONENTS



CBSSW-450-002
Site Controller

The CBS Site Controllers are key components of every SimplySnap solution from Synapse. Site Controllers coordinate communication out to all the Synapse-enabled devices that are part of the mesh network. They manage system configuration details, gather power and status information, apply zone behaviors, store scheduled events, generate notifications, and update Synapse hardware when new features or enhancements are added.

WSI-4-20-101 and IIOT-REPEATER

Wireless Sensor Interface and IIoT Repeater

The Sense 4-20 hardware devices support a range of sensors for energy and environmental monitoring and the IIoT Repeater adds additional connections to extend the mesh network across longer distances or around obstructions.



CLOUD BASED LIGHTING SOFTWARE AND OPTIONS

Part #	Description
SW-ENERGY-BASE	12 month subscription. kWh dashboards & threshold emails
Optional Cloud Software	
SW-HVAC-BASE	12 month subscription. Schedule & triggered control of HVAC
LM-BASE	12 month subscription to the Base Lighting Management Package
SW-ENERGY-PT	Pilot energy management dashboards. 6 month pilot. 5 endpoints