Machine Utilization

Predicting Failure

Using a cloud-based energy solution in real time identifies inefficiencies in daily and seasonal operations.

PHARMACEUTICAL INDUSTRY

TYPICAL APPLICATION:

- Mixed lab equipment on many floors and buildings
- Comparing like-machines and ranking them
- Looking for inconsistencies in human reporting
- Saving time due to equipment stoppage or failure
- Understanding energy usage per machine

The OBJECTIVES:

To provide a detailed profile of the energy use of Machine Operations in each department throughout the facility and identify efficiency opportunities.

Meet machine uptime targets while tracking energy signatures and by provide Computerized Energy Monitoring and Advanced Reports.

Understanding the run-time hours and how the machine is utilized to help with production planning and key performance indicators.

The SOLUTION:

By installing our IoT Product - Energy Monitoring System on every piece of lab equipment and critical loads it allows Operations to "See" the Daily, weekly and monthly trends energy by each department and looking for energy waste in daily operations.

Operations can now monitor each piece of equipment in one simple dashboard while at the same time compare readings with historical information to predict failure based on increased energy usage as a key indicator. Advanced Reports allow them to rank equipment by usage to compare product and employee output while knowing the energy cost per machine.