

RESULT:

annual savings
\$102,363
 55.2% simple ROR for total program

18%
 reduction in energy cost

REQUESTS:

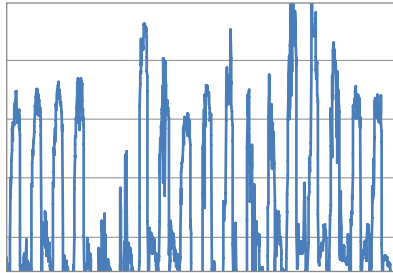
A comprehensible energy study to serve as the energy plan that would be executed by their internal resources.

WHAT WE DID:

A comprehensive audit, study, and energy analysis was conducted at their facility. The opportunities were identified and prioritized based on calculated savings with identified next steps.



Improved Boiler



Energy Regression Analysis



Installed High-Efficiency Lighting

Regression Analysis

A complete analysis of the client's utility bill, including usage and demand charges.

Waste Heat Study

HVAC Airflow Study

Lighting Study

Site Survey of Changes

Including

- Air Compressors
- Lighting
- Ovens
- Boilers
- High Pressure Showers
- HVAC

Opportunity Area	Savings	Capital	ROR
Lighting	\$10,801	\$24,290	44.5%
Demand Charges (Leveling)	\$15,591	N/A	N/A
Demand Charges Forensics	\$738	N/A	N/A
Compressed Air	\$7,498	\$18,500	40.5%
Boiler Heat Recovery	\$66,042	\$141,808	23.0%
Pipe Insulation	\$500	\$500	N/A
Reflective Floors (Lighting Enhancement)	\$858	N/A	N/A
High Pressure Water Pump	\$335	\$400	83.9
Total Opportunity	\$102,363	\$185,498	55.2%