

CASE STUDY

PLAST-O-MATIC

A study showcasing how Bilancio helps the manufacturing industry reduce energy costs and clean up their carbon footprint.

OVERVIEW

Plast-o-matic valves established a goal to remain a leader in the plastic valve manufacturing industry by becoming more energy efficient and reducing their carbon footprint. Plast-o-matic contracted Bilancio to upgrade 7 of their electrical panels.

With a firm understanding of usage and costs, Plast-o-matic saw a realized savings of 45% in the first 60 days which greatly reduced their project ROI to less than 3 months.

The hardware proved to help balance their electrical system, reduce electricity costs, and positively impact their carbon footprint.

With more heavy machinery being installed to meet higher industry demands, there is more need for a fully balanced electrical system.

Bilancio has proven as the best solution to any manufacturing facility sustainability needs.

AT A GLANCE

Challenges

- High Electrical Consumption
- High Carbon Footprint
- High Spend on Energy

Benefits

- 12% reduction in kWh consumption
- 897,107 pounds of CO₂ emissions reduced
- \$25,158 portfolio savings

In the first sixty days post Bilancio installation, we realized an outstanding 45% or better reduction in kWh's used in our facility. As the quality leader in the development of plastic valves and controls for corrosive and ultra-pure liquids, we are constantly monitoring our electrical power requirements, and related costs. Production throughput and weather conditions were considered as we studied the results of our savings - which were impressive, to say the least! We are excited to see significant savings going forward and highly recommend Bilancio.

Steve Lubertazza

IT Coordinator