



Berry Plastics Corporation
Anaheim, CA

Application: Granulator
Motor Size: 25HP
Average Savings: 44%*
Annual Savings: \$600
Power Rate: \$0.095/kWh
Annual kWh Saved: 6,326 kWh
Operating Hours: 24 hrs / 7days
Annual CO2 Reduction: 5 tons
Internal Rate of Return: 105%**

* Typically 20-40%
** Includes utility incentive

Expected Product Life Savings

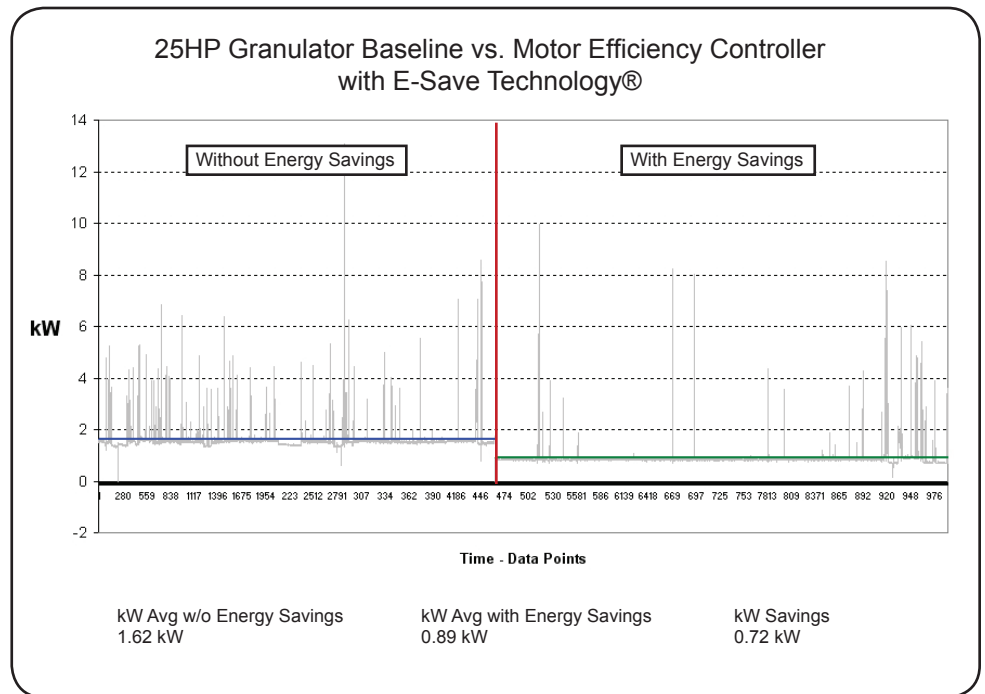
Product Life: 15 years
kWh Savings: 94,890 kWh
Cost Savings: \$9,000*
CO2 Reduction: 73 tons

* Expected life cost savings is based on a 5% annual increase in cost of power

TEST SUMMARY

A 25HP Power Efficiency Corporation Motor Efficiency Controller was installed on a granulator at Berry Plastics Corporation for reducing energy consumption, electricity costs, and environmental footprint. Baseline kilowatt usage, and power factor data was collected prior to the installation to estimate the amount of energy savings available. The Power Efficiency energy savings estimate calculator showed a significant energy reduction potential. Following the motor efficiency controller installation, additional data utilizing Power Efficiency's E-Save Technology®, was collected to determine the actual energy savings.

The Power Efficiency Corporation Motor Efficiency Controller reduced the kW required over 44%. Refer to the kW graph below:



* The Power Meter used is a Dent Instruments Elitepro Recording Poly Phase PowerMeter.

BENEFITS

ENERGY SAVINGS

- Optimizes energy efficiency
- Qualifies for utility rebates
- Environmentally friendly

MOTOR CONTROLLER

- Solid state motor controller
- Electronic overload protection
- Soft start functionality

REDUCED MAINTENANCE

- Extends motor life
- Decreases stress on mechanical systems
- Easy to install and configure