

Project Showcase: Tillamook (Tillamook PUD)



Tillamook County Creamery Association

Energy Savings Projects 2019



Projects Implemented

1 Installed Variable Frequency Drives (VFDs) on:

- Beta Vacuum Pumps
- Tower Vacuum Pumps
- Evaporator Fans

VFDs allow a motor to run at a slower speed. This allows for more precise control of the process. A fan that was drawing 10-hp at 100% speed may now only draw 4hp at 70% speed.

2 Installed a Logix Control System on the South Refrigeration System

This Control System optimizes the operation of the refrigeration system by allowing for greater control by plant technicians.

3 Designed and Installed Photo Eyes to reduce compressed air usage in packaging

Photo Eyes were installed to only blow when there is product on the packaging line. A timer will turn off compressed air once all product has passed. Compressed air is a very expensive utility. Reduction of compressed air usage will greatly save energy.



1,191,905

kWh Annual Energy Savings



\$63,000

Annual Avoided Cost



141

Pacific Northwest Homes' Annual Energy Use



Members of the Tillamook County Creamery Association Energy Team (L-R):

Doug Dentel, Maintenance Supervisor • Justin Kanoff, Corporate Environmental Manager • Cory Slaughter, Associate Process Engineer
Dave Wimpy, Key Accounts Manager • Ray Mack, Maintenance Supervisor • Ryan Gentry, Maintenance Manager

What ideas do you have to save energy?

CONTACT

Cory Slaughter, Associate Process Engineer