



# CAPTURE HIDDEN SAVINGS THROUGH OPERATIONS AND MAINTENANCE

SMALL CHANGES CAN MAKE A BIG DIFFERENCE IN ENERGY COSTS

## J&J SNACK FOODS CORP.

Working with Energy Trust, J&J learned that its recently upgraded refrigeration system lacked key control features. An \$8,300 cash incentive from Energy Trust helped J&J add programming to the control system, which improved compressor and condenser staging efficiency and condensing and suction pressure control. The operations and maintenance investment paid for itself in just 18 days through reduced energy costs.

Does all of the equipment in your facility operate at peak efficiency? Despite your best intentions, the answer is likely “No.” Over time, particularly after periods of deferred maintenance, both energy efficiency and production efficiency can slip, contributing to high energy costs. And as new equipment comes online, the interaction between equipment and systems can decline, further chipping away at efficiency.

Energy Trust of Oregon can help you get your equipment back on track with technical assistance and cash incentives for custom operations and maintenance, O&M, improvements that boost energy efficiency. We can help optimize efficiency throughout your facility, or focus on a single system that needs attention. With our help, you can tap into O&M opportunities that often pay for themselves in just a few weeks, while reducing your operating costs and possibly improving production quantity and quality.

### Our experts take the load off of you

Energy Trust Program Delivery Contractors are highly skilled, industrial energy experts who understand what works in your business and how to make the most of energy-saving opportunities. Energy Trust PDCs are located

throughout Oregon so they understand your local economy and industries. Your PDC can arrange for a technical analysis study of your equipment, at no cost to you, to identify potential O&M improvements. You’ll receive detailed information on estimated energy savings, implementation costs and available Energy Trust cash incentives. We do the analysis, so you can make informed decisions while continuing to focus on your core business.

### Cash incentives pay up to 90 percent of costs

Many O&M improvements can be completed at no cost. For others, Energy Trust pays cash incentives of up to 90 percent of the installation cost when you complete improvements within 90 days. After 90 days, we pay cash incentives at up to 50 percent of the project cost. We cap all incentives at \$0.08 per annual kilowatt hour and \$0.40 per annual therm saved. With cash incentives, it’s typical for O&M projects to pay for themselves through reduced energy costs in just a few weeks.

### We can help with O&M improvements such as\*:

- **Aeration blower:** sequencing and staging, shut-down scheduling, SCADA tie-in
- **Boiler:** insulation, steam trap repair, tube cleaning
- **Chiller:** reset programming, tube cleaning, tune up
- **Compressed air system:** pressure reduction, leak repairs, sequencing
- **HVAC:** economizer repair, set-point optimization, condenser coil cleaning, free cooling
- **Material handling:** airflow balancing, filter purge timing, runtime reduction
- **Oven:** shell and insulation repair, burner tuning, shut-down scheduling, air curtain adjustment
- **Process equipment:** load consolidation, equipment scheduling, sensor and pressure drop maintenance, idle time reduction
- **Pumps:** sequencing, controls tuning, impeller trim, shut-down scheduling
- **Refrigeration:** set-point optimization, evaporator coil cleaning, defrost scheduling, pressure adjustments, door seals, fan cycling

*\*This is not a comprehensive list. Talk with Energy Trust about your project plans.*

### Energy Trust can offer implementation guidance

For large, complex O&M improvements, our skilled industry professionals may be able to provide implementation support at no cost to you. This support could include:

- Developing an implementation strategy
- Monitoring equipment or systems and analyzing data
- Stepping employees or contractors through control system changes
- Recommending and overseeing functional testing
- Documenting results

This service can last a few months and is valued up to \$30,000. It helps ensure that your O&M improvements get implemented without interruption to your production process and that the resulting energy savings continue over time.



Take control of your energy costs. For more information contact us at [production@energytrust.org](mailto:production@energytrust.org) or **1.866.368.7878**.



### ENERGY TRUST CAN HELP WITH O&M SOLUTIONS THAT:

- Trim operating costs
- Identify cost-effective O&M changes specific to your operation
- Offer cash incentives to help pay for implementation
- Extend equipment life
- Boost production efficiency and improve product quality
- Contribute to a more sustainable future