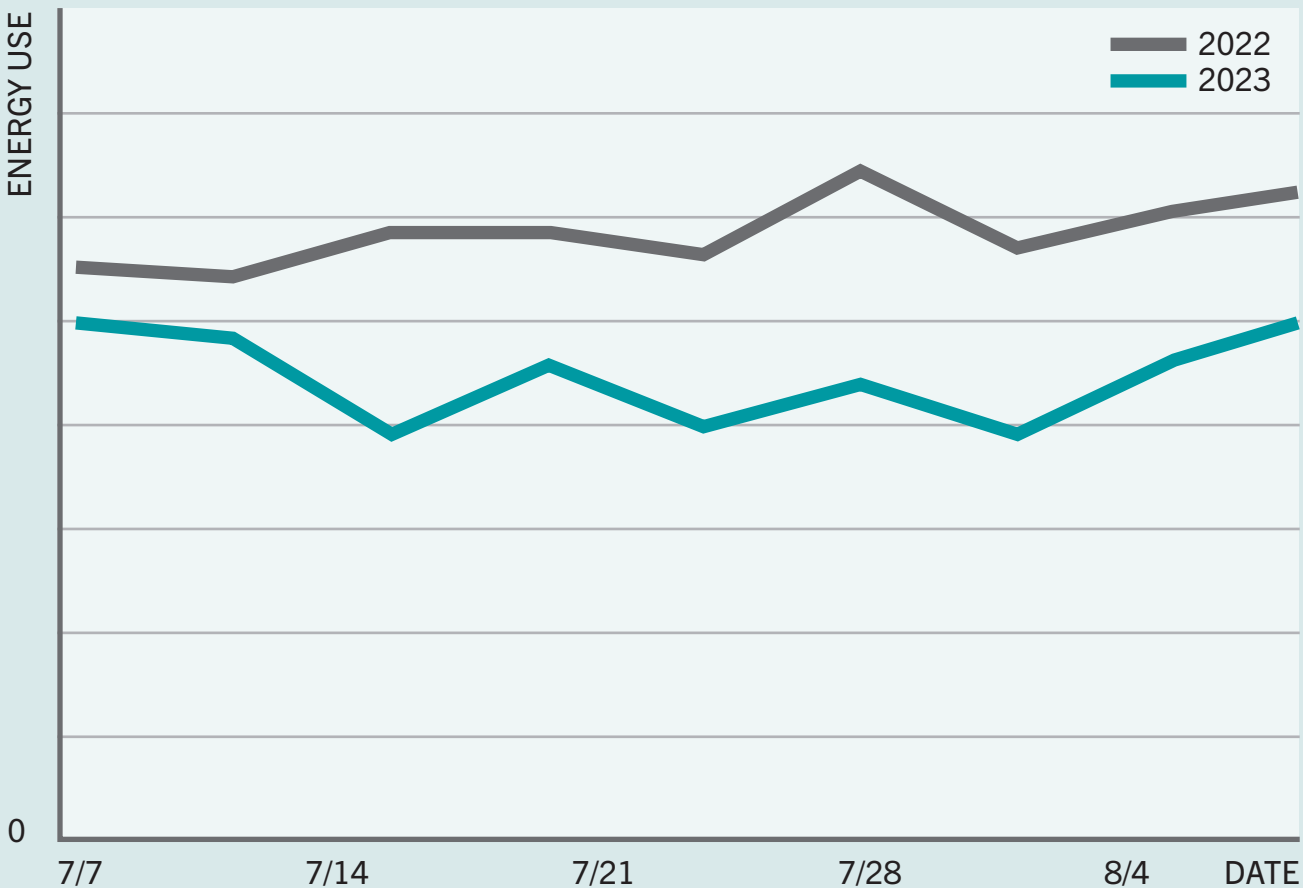


# A SMARTER WAY TO KEEP IT COOL

Custom refrigeration projects bring more savings than expected



## Project Overview



Fruitsmart operates a fruit processing plant and a cold storage in Prosser, WA. In 2023, they implemented several projects to improve refrigeration energy efficiency. The installed measures produced a substantial drop in year-over-year energy—more than originally estimated.

### Controls Upgrade

Installing a central refrigeration control system enables more efficient operation in addition to being a huge time-saver for the refrigeration team as they are able to monitor from their office and even after hours from home.

### Condenser and Evaporator Fan VFDs

The VFDs allow the fans to run smoothly at lower speeds and lower power rather than cycling fans on and off. This also improves cold storage temperature control.

## Annual Results

**+1 Million kWh**  
First Year Savings

**90** Avg. NW Homes  
Powered by Energy Saved

**716 tons CO<sub>2</sub>**  
Scope 2 Emission Reduction



What ideas do you have to save energy?

Elton Brown, Fruitsmart, 509.882.9956  
Terry Mapes, Benton PUD, 509.582.1268  
Austin Rogers, ESI Partner, 425.417.8532