

Energy and Water Efficiency in Your Green Dining Facility

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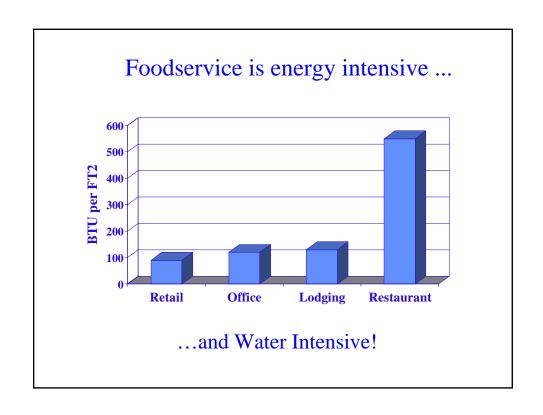


The Food Service Technology Center (FSTC) program is <u>funded by California utility customers</u> and administered by the Pacific Gas and Electric Company under the auspices of the California Public Utilities Commission.

Promoting:

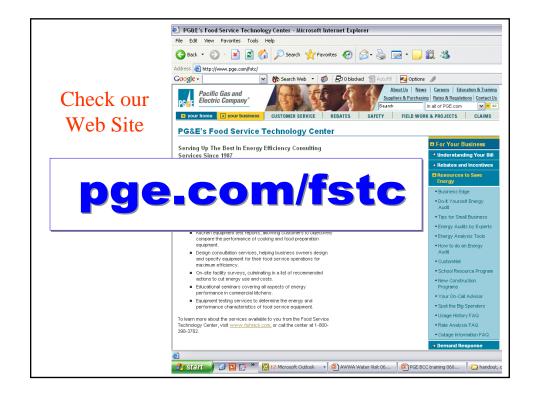
Energy Efficiency in Commercial Food Service











A quick intro to the Food Service Technology Center

How We Learn How We Can Help You!

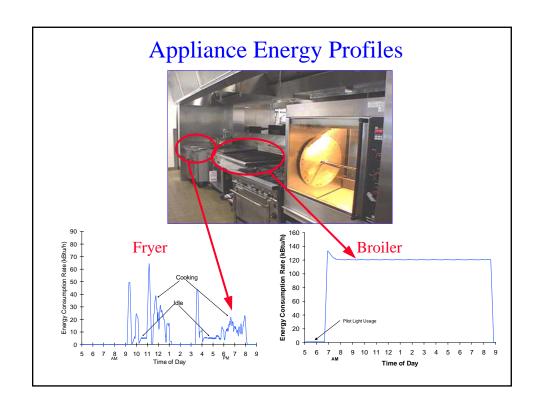
What is the FSTC? Where do we get our info?

Production Test Kitchen

- study real world energy use







Appliance Testing Laboratory

create standard test methods
and "miles-per-gallon" numbers for appliances





The controlled environment "levels the playing field."

All appliances are not created equal!



Field Research







Site Visits and Analysis

"Where the rubber meets the road!"







Working with the Government, Utilities, and Other Industry Groups

Some Examples...











Water Utilities







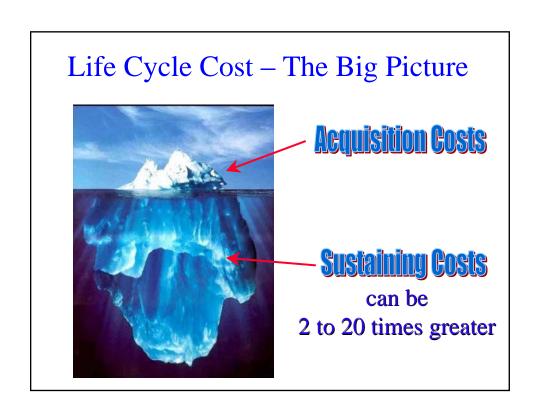


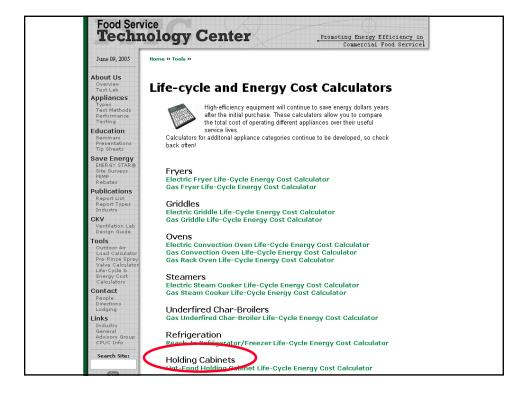










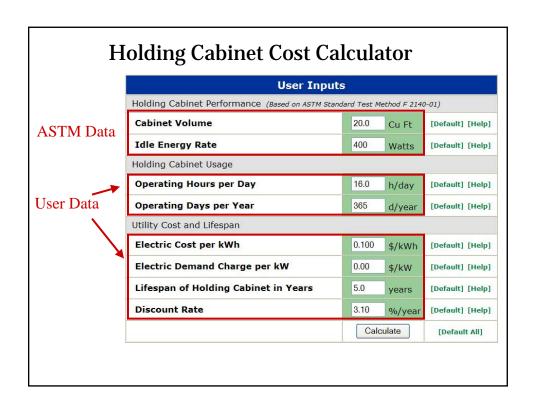


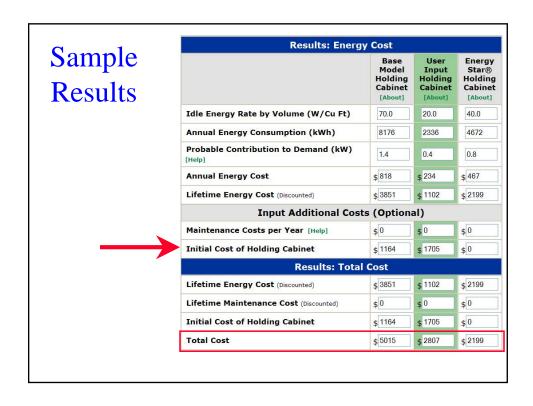


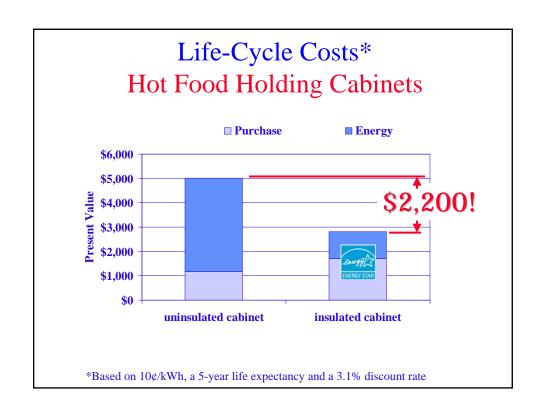


<u>Insulated</u> Energy Star Hot Food Holding Cabinets

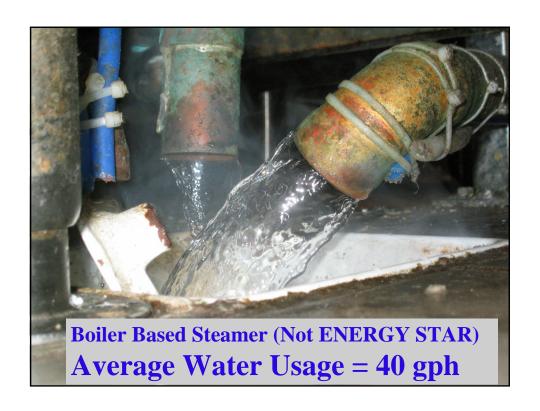


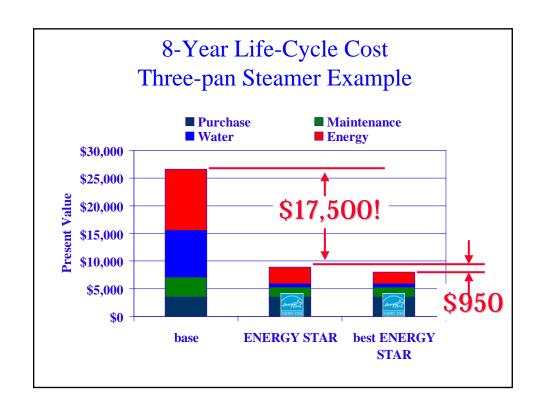




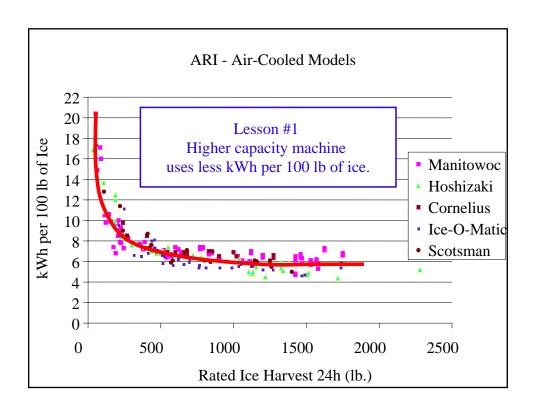


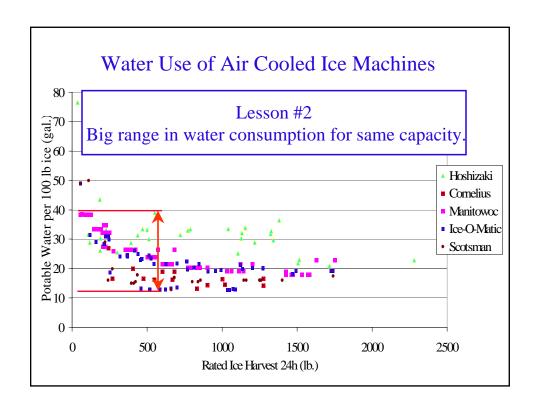






Ice Machines Tips/Tools

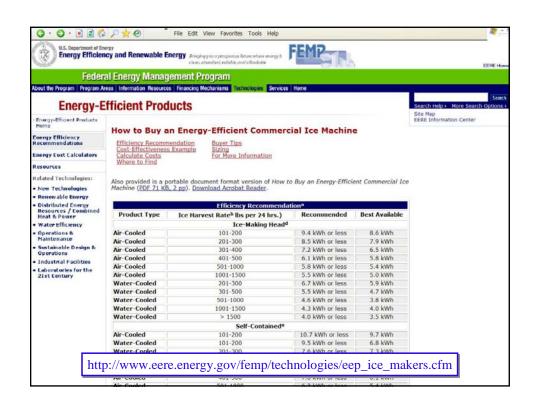


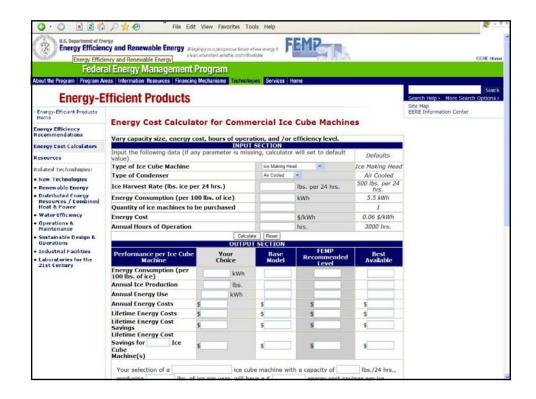


Ice Machines

- Choose high-efficiency <u>air-cooled</u> machines.
- Choose the most water-efficient machines.
- "Remote" the condenser (put it outside)
- Oversize the bins.
- Run the machines at night only.

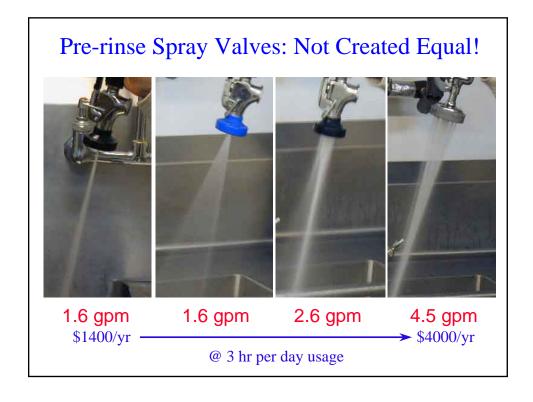






Lowest Hanging Fruit







In 2003-04 the CUWCC, in partnership with water utilities, installed more than 17,000 spray valves in California food service facilities under a CPUC funded program



Who Wouldn't Like a New Sprayer?

Conclusion?

- Plenty of opportunity to save energy and water!
- The resources are available to you.
- Positive design and purchasing decisions have a long lasting impact!



THANK YOU!

www.fishnick.com