



NORTHWEST  
STRATEGIC ENERGY MANAGEMENT  
COLLABORATIVE

# Navigating Changing Seas

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*Fall Workshop*

*October 19-21, 2021*

*- Virtual -*



# Customer Perspectives

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# Moderator Introduction



Dee Narayanan  
Puget Sound Energy

# Panelist Introduction



Corinne Dobbins  
ConAgra



# Panelist Introductions



Rebecca Sheppard  
Snohomish School District



SNOHOMISH  
SCHOOL  
DISTRICT



Russ Pittis  
City of Anacortes



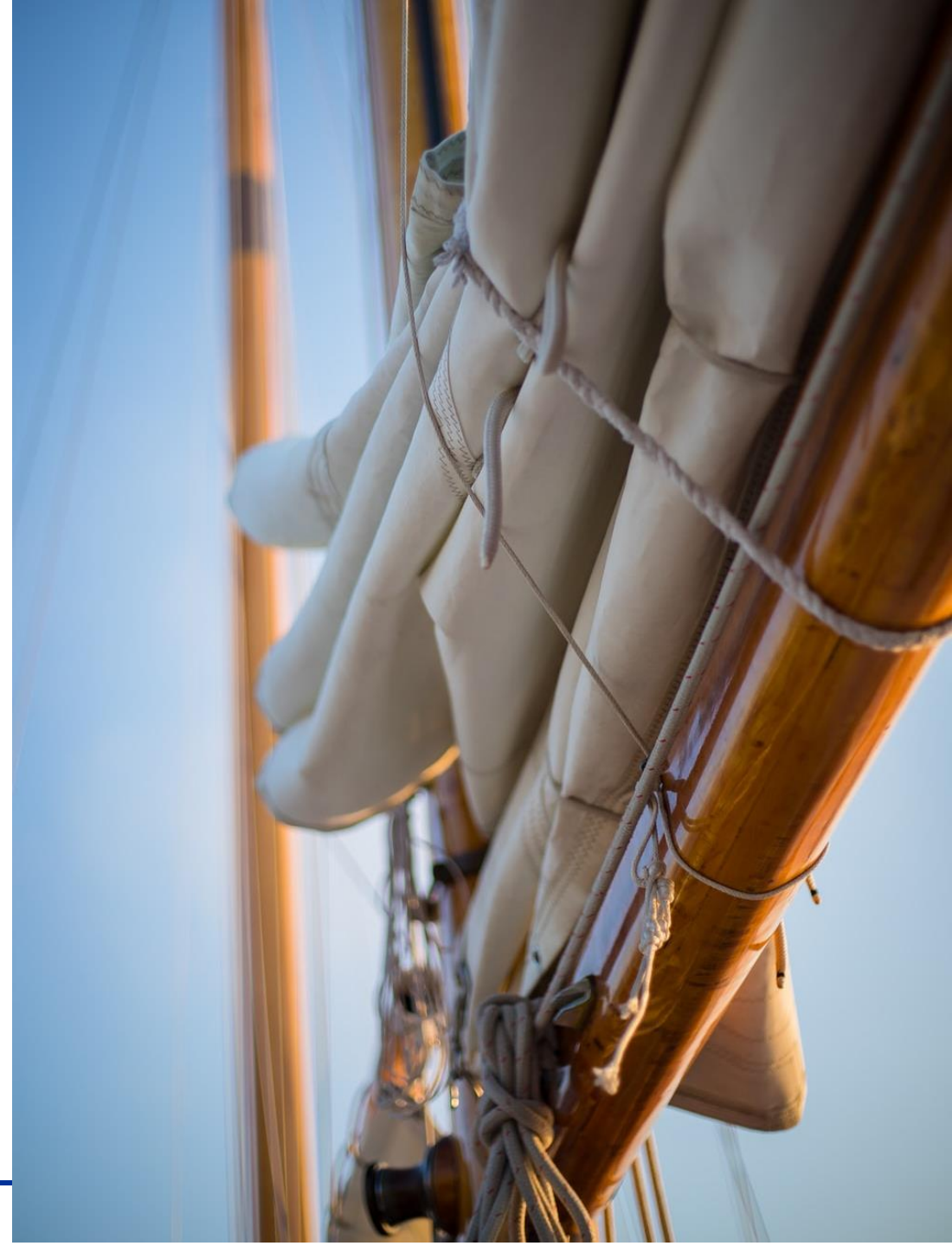
# Down in the Doldrums

What are some challenges you faced coming out of this pandemic?



# Hunky-Dory

What are some positive outcomes that have materialized out of this pandemic?



# Conagra Brands Sustainability



## Sustainable Development Awards Program



**WINNER  
2020**  
CONAGRA BRANDS SUSTAINABILITY

Conagra Brands' Sustainable Development Awards program continues to be the cornerstone for engaging employees and recognizing their innovative ideas related to sustainable production and business practices. Employee teams submit projects for a chance to win grants for sustainability-focused public service

projects in their community. With nearly 130 entries, this was the 11th consecutive year for the program and awards were given in seven categories:

- Sustainable Brands
- Climate Change & Energy Efficiency
- Water Conservation & Wastewater Management
- Waste Reduction & Recycling
- Sustainable Operations
- People's Choice Award
- Overall Award of Excellence

Award-winning facilities received a \$5,000 grant from the Conagra Brands Foundation for sustainability-focused public service projects in their community.

## 2020 Highlights



**WINNER  
2020**  
CONAGRA BRANDS SUSTAINABILITY

Through our employee-led Sustainable Development Awards program, we:

**conserved 120 million gallons of water**

**decreased our carbon footprint by 15,700 metric tons**

**reduced waste by more than 5,700 tons**

## Conagra Sustainability Performance Metrics - Plant Specific Energy Use Reduction Goals



Conagra Kent WA facility Green Team continued to work on sustainability projects throughout the pandemic



Winner 2019 Sustainable Development Awards Climate Change and Energy Efficiency Air Leak Tag Program



Finalist 2020 Sustainable Development Awards Climate Change and Energy Efficiency Flour System Blower Exhaust Diversion Project




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# All Hands on Deck

What does the future look like as we slowly recover from this pandemic?






## ENERGY SAVING TIPS WHILE WORKING FROM HOME OR EVEN IF YOUR NOT!




### CHECK THOSE DEVICES

Remember to check that your child's electrical devices aren't left on. Kids sometimes won't think about doing this and it can be easy to miss.




### LET THE SUN IN!

Not only does natural light help improve your mood, but it also eliminates the need for a desk lamp — so make sure you open the blinds or curtains nice and wide during the day. It's also much better than turning on all electrical lights.




### TURN DOWN THE THERMOSTAT

For every two degrees it's lowered, you can save an average of 3% on your energy bill. Turn the heat down 7-10 degrees while you are sleeping and save up to 10% a month on heating.




### UNPLUG APPLIANCES

The energy costs of plugged-in appliances can really add up, and unplugging these devices: desk and laptop computers, televisions, DVD players, cable TV boxes, cordless phones could save you up to \$100 to a year. Another benefit of unplugging your appliances is protection from power surges or consider using a power strip.




**BE SAFE  
STAY SAFE**



## ANACORTES COMMUNITY ENERGY

## ENERGY SAVING TIPS FOR THE HOME



### PROGRAM THERMOSTAT TO MAXIMIZE ENERGY SAVINGS

Setting your thermostat one degree lower when heating or one degree higher when cooling can reduce energy use by up to 5 percent. This is the single most important step in saving energy.

### LIVING/FAMILY ROOM

- \* Lower the brightness on all TV screens.
- \* Use energy-saving features that may be available on your electronic devices.
- \* Plug all personal electronics in a power strip and turn off when not in use.
- \* When streaming content, choose the smallest device that makes sense for the number of people watching. Avoid streaming on game consoles, which use 10 times more power than streaming through a tablet or laptop.
- \* Always be sure to turn off lights, fans and electronics when you leave the room.

### LAUNDRY ROOM

- \* Use cold water in your clothes washer. Most newer washers are designed for cold water.
- \* If dryer has an auto dry option (moisture sensing), use that option instead of timed dry.
- \* Clean the lint trap between loads—this improves air circulation and increases the efficiency of the dryer.
- \* Substitute LEDs for conventional light bulbs. Lighting can amount to up to 12% of monthly energy use. LED bulbs can cut lighting costs by 75%.
- \* Fans: Use ceiling and portable fans, while in the room, to keep air moving and make the area feel cooler. A ceiling fan should rotate counterclockwise in the summer so that the blades push cooler air down in a column.

### BATHROOM

- \* Check the temperature on your water heater and set it to 120 degrees. The Department of Energy estimates that a heater set at 140 degrees or higher can waste up to \$60 annually in standby heat losses to keep water hot.
- \* Turn off the water heater at the circuit breaker when you're finished with your daily activities that involve hot water. Then turn it back on one hour before you need it again. The stored water will stay hot for up to 24 hours.
- \* Turn off exhaust fan 15 minutes after your shower.

### KITCHEN

- \* Dust off the top of your refrigerator and coils to keep it running efficiently and cool.
- \* Cover liquids and wrap foods stored in the refrigerator. Uncovered foods release moisture and make the compressor work harder.
- \* Don't open the oven door while food is cooking. You can lose up to 50 degrees in temperature and waste energy.
- \* Cover pots when cooking and cook by time and temperature guides.
- \* Cook several meals at the same time.
- \* Use small appliances such as toaster ovens, electric pressure cookers, microwave ovens, or convection ovens for small meals rather than your large stove or oven. They will save energy and can save on cooling costs because they generate less heat.

### AIR DRY DISHES

This step can cut your dishwasher's energy use by up to 50 percent. Run the dishwasher only when you have enough dirty dishes accumulated for a full load.

### SKOOKUMCHUCK WIND FARM

23 turbines, of the 38, have been erected. They are expecting to have 18 commissioned by second week of August. They are sending test power to the (PSE) system from turbine strings as they bring them online. As of right now, it looks like they are on track to reach full operation on or about November 1<sup>st</sup>. When this project is complete, the City's Municipal Buildings will be powered 100% by wind, making our electrical carbon footprint zero!




Photo by: Southern Company

# COOLING TIPS TO BEAT THE HEAT

## AT HOME

Keep your cool when the days get hot. Put these ideas for summer savings—including many no-cost and low-cost tips—to work to make your home more comfortable and save energy, too.

### POWER DOWN TO COOL OFF

Home appliances, electronics and standard light bulbs create heat when they're on. The less you use, the cooler you'll be.

- Skip the oven and use the microwave, cook on the stovetop or grill outside.
- Wait until you have a full load to run your clothes washer and dishwasher, and run them in the evening when it's cooler. Let dishes air dry, wash clothes in cold water and hang them outside to dry if you can.
- Take short, cool showers and avoid hot baths.
- Unplug computers and other electronics when they're not in use.

### WINDOW TIPS

Windows allow heat into your home when they're open or uncovered during the day.

- During the day, close your windows and close the blinds, shades or curtains to keep heat outside. Light-colored window coverings help reflect heat away.
- When temperatures drop, open your windows and doors to draw in cooler air at night or early in the morning.
- Shield windows from the outside with blinds, awnings or shutters and plant trees or tall shrubs to filter sunlight before it enters your house.

### USE FANS TO COOL DOWN

Fans keep air moving and help you feel cooler, even if you have air conditioning.

- In the summer, ceiling fans should rotate counterclockwise to push cool air down to the floor. The cool air evaporates perspiration and creates a wind chill effect, which makes you feel cooler without affecting the room temperature.
- When it's cool outside, use fans in windows to pull cool air in and draw warm air out. A box fan or window-mounted fan on the north side or shady side of your house can draw in cool air. A second fan on the opposite side of the house can blow hot air out.

### AIR CONDITIONING

If you have air conditioning or a heat pump, use the equipment wisely and maintain it to control electricity costs and conserve energy.

- Set the air conditioning or heat pump thermostat a few degrees higher than normal when no one is home.
- Check the system air filter regularly and change it when it looks dirty. A dirty filter makes the system work less efficiently and reduces air flow.
- To keep air flowing freely, vacuum registers regularly and avoid blocking them with furniture and other objects.



# Questions ?

