

Water and Light News

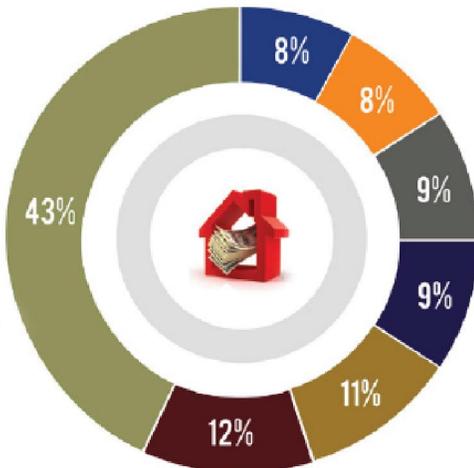


EAST GRAND FORKS WATER AND LIGHT

July 2016

TOP 10 TIPS FOR SAVING ENERGY AND MONEY

HOME ENERGY USE



HEATING & COOLING (43%)

Conditioning air in your home consumes the most energy.

REFRIGERATION (8%)

Cleaning the coils and replacing worn door seals can reduce refrigeration costs.

OTHER (8%)

Find what other energy use habits or devices you have that may fit into this category.

APPLIANCES (9%)

Appliance costs can be reduced with ENERGY STAR® products.

ELECTRONICS (9%)

Entertainment systems and devices can use energy even while off or in standby.

LIGHTING (11%)

CFL and LED lighting options can slash lighting costs by 75 percent. Now that's saving.

WATER HEATING (12%)

A water heater can be one of the largest energy users.

Don't Forget About our \$60.00 Central Air Conditioner Tune-Up Rebate

—SCHEDULE A **TUNE-UP** FOR YOUR CENTRAL AIR CONDITIONER WITH A LICENSED HEATING/COOLING CONTRACTOR TODAY!

The Water and Light Department Is Pleased To Welcome Melvin Metz To Our Team!



Melvin was hired in February, 2016 as a Computer Applications Specialist.

He was born and raised in Dickinson, ND and is a graduate of UND College of Business in Management.

Before joining the Water and Light, Melvin worked in network and computer specialist positions for UND, US Foodservice and Laser Systems.

We are happy to have Melvin join our team and know that his experience will be a great benefit to our department.

WELCOME!

Top 10 Tips:

1. Plug electronic devices such as cable boxes, printers and TVs into power strips to turn off during vacation or long periods without use.
2. Replace any light bulb, especially ones that burn more than one hour per day, with LED bulbs.
3. Close shades and drapes during the day to help keep the heat out in summer.
4. Outside your home, caulk around all penetrations, including telephone, electrical, cable, gas, water spigots, dryer vents, etc.
5. Set water heater temperature no higher than 120 degrees F.
6. Use air-dry cycle instead of heat-dry cycle to dry dishes.
7. Keep your garage door down. A warmer garage in the winter and cooler garage in the summer will save energy.
8. Change HVAC filters monthly.
9. Make sure the dryer vent hose is not kinked or clogged.
10. Ensure gaskets around door seal tightly.

Use the home energy use chart above to see other areas where you can save.

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We're On The Web:
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Recipe—Philly Cheese Steak Sliders

- 1 package of King's Hawaiian Rolls
- 1 box Thinly Sliced Steak (freezer section)
- 1 green pepper, diced
- 1 onion, diced
- 8 slices Provolone cheese
- 2-3 Tbsp Mayonnaise (optional)
- 3 Tbsp butter, melted

- Preheat oven to 375°F
- Slice the rolls with a large serrated knife (keeping them connected). Place the bottom on a large sheet of heavy duty tinfoil.
- Cook steak in skillet, as directed.
- Saute the pepper & onions until tender.
- Spread a thin layer of mayo on tops and bottoms of rolls.

- Place a layer of Provolone on bread.
- Layer steak, peppers & onions.
- Salt & pepper to taste.
- Place another layer of Provolone cheese.
- Put top pieces of buns on top and brush the top with melted butter & finely diced onions.
- Wrap in tinfoil and bake for 20 minutes.
- Cut and serve.



EGF Water and Light Installs LED Streetlights

The East Grand Forks Water and Light is making the switch from standard cobra head streetlights to LED lights.

The switch is being made because LED lights use less energy and they produce more light per watt than conventional lights.

LED streetlights last much longer than standard lights. Their life span can exceed 50,000 hours, or almost 12 years of life compared to 3.5 –6.5 years with conventional streetlights.

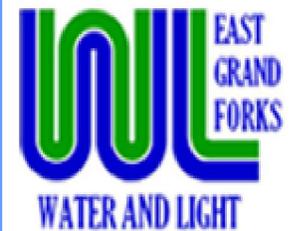


The crews started installing the LEDs during the summer of 2015 on Bygland Road SE. They continued this summer, 2016, with replacing streetlights on the

north end of town on Hwy 220 North, River Rd NW, 23rd St NW and other various locations.



The graph above shows that there will be substantial energy savings from installing the LED lights. With the lights that have been installed so far, the savings will be about 555,000 kWhs per year, or about \$53,000.00. This calculates out to a simple payback of about 4.5 years.



SAVE
50%
On LED
Bulbs
or Fixtures

