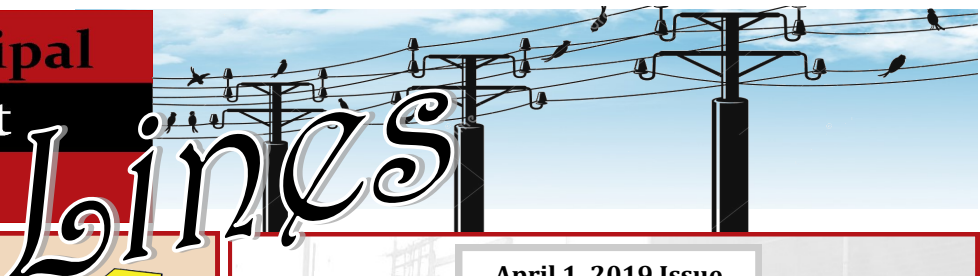


# Coggon Municipal Light Plant

Since 1928



# Lines

## COMPLAINTS RESOLUTION PROCESS

If you have a complaint that is related to service disconnection, safety, or renewable energy, and the Coggon Municipal Light Plant does not resolve your complaint, you may request assistance from the Iowa Utilities Board by calling (515) 725-7321, or toll-free 1-877-565-4450, by writing to :  
1375 E. Court Ave., Rm. 69, Des Moines, Iowa 50319, or by E-mail to [customr@iub.iowa.gov](mailto:customr@iub.iowa.gov).



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Vaughn McClelland, Treasurer  
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# SPRING CLEAN YOUR WAY TO ENERGY SAVINGS

It's the time of year when many people stash away winter gear and prep their business and homes for the warm summer months. It's also a good opportunity to make sure that a business or home is running as energy efficiently as possible.

## Here's a checklist of ways to turn your spring cleaning into an energy-saving event:

- **Redirect ceiling fans.** Air conditioning often produces the highest electricity bill in a business or home, especially when it's used consistently during the summer months. So a worthy goal is limiting your air conditioning use as much as possible. One way to avoid A/C use is using ceiling fans. In the winter months, ceiling fans should go clockwise to push rising warm air downward. In the summer, however, the fans should circulate counterclockwise for the opposite effect. It's usually as easy as flipping a switch in the center of the fan.
- **Change air-conditioning filters.** Keeping your air filters clean will not only improve air quality, but will ensure your system is working as efficiently as possible.
- **Dust off electronics, light bulbs and vents.** Dust prevents electronics and other infrastructure from running at maximum capacity. Make sure to dust off all light bulbs, office equipment and electronics. Also make sure to clear dust off vents to prevent air circulation obstruction.
- **Seal air leaks.** Just like warm air seeps out of buildings or homes in the winter, it seeps in during the summer. It's estimated that 30% of heating and cooling bills are consumed by air leakage. You can buy weather stripping and duct tape and specialty kits to seal up air leaks you encounter.
- **Use a programmable thermostat.** One good way to control cooling costs is to use a thermostat that allows you to program the temperature throughout the day, thereby using less cooling when rooms or homes are unoccupied. You might, for instance, keep the setting at 72 degrees in the summer when the space is occupied but raise the temp to 78 when not.
- **Vacuum refrigerator coils.** Dust that builds up on refrigerator coils can force the fridge to work harder to keep things cold. So remove it.
- **Tune up the AC.** Even if your filters are new, there are other issues such as low coolant levels that may be taxing your air-conditioning system. Getting a professional maintenance check before summer can ensure your system is working efficiently.
- **Clean your power outlets.** In order to eliminate dust, grime and dirt on or around your power outlets, first turn off the power then unscrew the power plate covers and use an all purpose cleaner with a Q-Tip to remove any excess grease, dust or dirt. Remember not to put the Q-Tip inside the electrical outlet! When finished, screw the plate on and turn your power on. This helps eliminate any fire hazards while removing dust affecting your power outlets.
- **All light bulbs should be energy efficient.** By switching over this spring, you help decrease your energy use while increasing your savings. This quick DIY fix also helps cool down the wattage used in your light bulbs. High light bulb wattage can cause serious damage in fixtures, ceilings, devices, walls and more.

## Tree Trimming Notice



Tree trimming, as you know is an ongoing battle. We, at the Coggon Light Plant, are especially concerned about the trees that may interfere or hinder the electrical service to the citizens of Coggon. If you have or possibly know of a tree that may interfere with the power lines, please contact the light plant office to report it.



Powered by Maquoketa Valley Electric Cooperative

## FIBER INTERNET

Coming to a neighborhood near you!

Maquoketa Valley Electric Cooperative has been working with CMLP to bring their fiber optic network into the city of Coggon. Over the next few months you will see them working throughout our neighborhoods, preparing for the construction of this project. If you have questions or concerns about the process, feel free to call them directly or the CMLP office may be able to help you. We do ask that you are patient with everyone involved in the project. Thank you to those who called in and felt that MVlink was the "clear choice" for high speed internet. It took each one of your "yesses" for MV to expand their project into Coggon!

**STEP 1: CHOOSE THE SHAPE**

ENERGY STAR certified LED bulbs are available in a variety of shapes and sizes for any application-including recessed cans, track lighting, table lamps, and more.

**BULB TYPES**

TABLE OR FLOOR LAMPS		STANDARD		
PENDANT FIXTURES		STANDARD	GLOBE	MR16
CEILING FIXTURES		STANDARD	CANDLE	
CEILING FANS		STANDARD	CANDLE	
WALL SCONCES		STANDARD	GLOBE	CANDLE
RECESSED CANS		MR16	SPOT	FLOOD
ACCENT LIGHTING		MR16	SPOT	

**STEP 2: FIND YOUR BULB**

Go to the lighting aisle and look for the ENERGY STAR label. Remember, only LED bulbs that have earned the ENERGY STAR have been independently tested to assure that they will save energy and perform as promised.



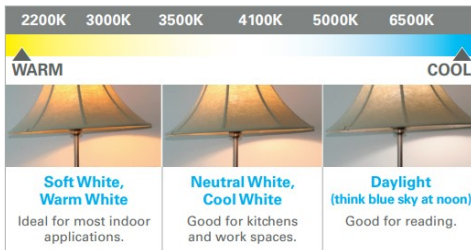
**STEP 4: CHOOSE THE BRIGHTNESS**

Use this chart to determine how many lumens you need to match the brightness of your old standard bulbs.

Standard Bulbs (Watts)	ENERGY STAR Bulb Brightness (Minimum Lumens)
40	450
60	800
75	1,100
100	1,600
150	2,600

**STEP 3: CHOOSE THE COLOR**

Light color matches a temperature on the Kelvin scale (K). Lower K means warmer, yellowish light, while higher K means cooler, bluer light.



**STEP 5: CHECK THE PACKAGE**

Make sure you're getting the bulb you want by reviewing the Lighting Facts label that shows key bulb details such as brightness, life, light appearance (or color), and energy used.

**Lighting Facts** Per Bulb

Brightness	550 lumens
Estimated Yearly Energy Cost	\$0.84
<small>Based on 3 hrs/day, 11¢/kWh Cost depends on rates and use</small>	
Life	22 years
<small>Based on 3 hrs/day</small>	
Light Appearance	Warm ————— Cool
<small>3000 K</small>	
Energy Used	7 watts

**Across**

- Unit of electrical power, named after the Scottish inventor of the steam engine
- A rotating machine that transforms electrical energy into mechanical energy
- The kind of electricity you create by rubbing a balloon on your head
- Atom or group of atoms that carries a positive or negative electric charge as a result of having lost or gained one or more electrons
- Emission of radiant energy in the form of waves or particles
- It transmits electricity, like copper
- Opposition to the passage of an electric current
- Elementary particle consisting of a charge of negative electricity
- Smallest particle of an element that can exist either alone or in combination
- Uncharged elementary particle
- Electric potential or potential difference

**Down**

- Elementary particle that carries a positive charge
- Electromagnetic radiation in the wavelength range including infrared, visible, ultraviolet, and x-rays
- Device for making, breaking, or changing the connections in an electrical circuit
- Flash produced by a discharge of atmospheric electricity
- Complete path of an electric current including the source of electric energy
- Inventor of the electric light bulb
- Force acting on particles of matter, tending to draw them together
- Electrical charge with more protons than electrons
- Electrical flow through a conductor
- Electrical charge with more electrons than protons
- Definite quantity of electricity
- Unit of electrical resistance

## Electricity Crossword

**CUSTOMER CONTRIBUTION FUND**

Did you know that YOU along with the Coggon Municipal Light Plant can help your less fortunate neighbors pay their heating bills? Coggon Cares is a Customer Contribution Fund that allows you to help by adding a regular contribution to your monthly utility payment, or by making a direct donation to the fund. These funds are distributed to neighbors in need for wintertime energy costs. Those individuals who qualify for help will be carefully identified by an area social service agency. A local committee will oversee Coggon Cares to guarantee all contributions will be handled equitable and efficiently. Your contribution is voluntary, flexible, and tax-deductible. If at any time you would like to contribute to the fund, either call the office or complete and return the ticket below to the Coggon Municipal Light Plant. Thank you.



**Dear Coggon Municipal Light Plant:**

I'd like to help a neighbor in need with a contribution to the Coggon Cares Fund.

Name \_\_\_\_\_

Address \_\_\_\_\_ Phone \_\_\_\_\_

I will contribute \$ \_\_\_\_\_ per month to Coggon Cares. I understand this amount will be added to my bill.

I have enclosed a \$ \_\_\_\_\_ donation to Coggon Cares.