

# Coggon Municipal



## Light Plant

Since 1928

# Lines

October 1, 2018 Issue

### Coggon Municipal Light Plant

<http://www.coggonlightplant.com>

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Know what's below.  
Call before you dig.

Whether you're trenching in a field, planting a tree or digging a foundation, Iowa law requires everyone to locate underground utilities before digging. First, notify Iowa One Call to begin the process, then wait 48 hours (excluding Saturday, Sunday and legal holidays) BEFORE any digging begins. Call or click before you dig. **This service is FREE and it's the law.**

### The Truth About Electric Space Heaters

*If it seems too good to be true, it probably is*



Many electric space heaters advertise that they can slash your electric bill, but what they don't advertise is that they can also cause that bill to increase significantly.

Whether it's a standard electric space heater you see at Wal-Mart or a "ruby quartz" or infrared" model advertised in a newspaper flyer, the thing you need to be concerned about is how much power the unit consumes. This is most commonly given in watts. If you can't find this information on the package, be sure to ask the retailer before making a purchase.

Many electric space heaters are rated at 1,500 watts. This rating is how much power the space heater uses. You are billed for each kilowatt hour (kWh) of electricity you use. A thousand watts is equal to one kilowatt, so 1,500 watts is equal to 1.5 kilowatts. This means for each hour the space heater is running it consumes 1.5 kWh of electricity, which costs about .145 cents. Doesn't sound like much, does it? But running that heater nonstop is a surefire way to increase your electric bill.

If you ran one 1,500 watt space heater for 24-hours a day for a single month it would cost about \$150. That is on top of your normal bill.

So where are the savings that are often touted on such items?

An electric space heater can save money, but only if you reduce the running time of your furnace or other primary heating system.

A space heater could reduce your electric bill, for instance, if you lowered the thermostat on your electric furnace from 72 degrees Fahrenheit to 66 degrees Fahrenheit and used the space heater to heat a single occupied room up to a comfortable temperature.

If, however, you're using the space heater to heat an area normally not heated such as an enclosed desk; then the space heater is simply an additional cost.

Also, keep in mind that if you're using an electric space heater to supplement a propane furnace, then you may use, but your electric bill will still increase.

Electric space heaters can provide an effective and simple means of heating the cold, unconditioned tool shed, bedroom or other relatively small space, but they should never be allowed to run 24-hours a day and you should always keep in mind the cost of operating such a piece of equipment.

#### 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).

Electric Space Heater Consumption Chart / Space Heater Cost  
Daily Hours of Operation

Heat Setting (watts)	1	2	4	6	8	10	12	24	Cost per week	Cost per month
600	\$ 0.08	\$ 0.168	\$ 0.34	\$ .50	\$ .67	\$ .84	\$ 1.01	\$ 2.02	\$ 14.14	\$ 60.60
750	\$ 0.11	\$ 0.218	\$ .44	\$ .65	\$ .87	\$ 1.09	\$ 1.31	\$ 2.62	\$ 18.34	\$ 78.60
900	\$ 0.13	\$ .26	\$ .52	\$ .79	\$ 1.05	\$ 1.31	\$ 1.57	\$ 3.14	\$ 21.98	\$ 94.20
1000	\$ 0.15	\$ .29	\$ .58	\$ .87	\$ 1.16	\$ 1.45	\$ 1.74	\$ 3.48	\$ 24.36	\$ 104.40
1250	\$ 0.181	\$ .36	\$ .72	\$ 1.09	\$ 1.45	\$ 1.81	\$ 2.17	\$ 4.34	\$ 30.38	\$ 130.20
1350	\$ 0.196	\$ .39	\$ .78	\$ 1.18	\$ 1.57	\$ 1.96	\$ 2.35	\$ 4.70	\$ 32.90	\$ 141.00
1500	\$ 0.218	\$ .44	\$ .87	\$ 1.31	\$ 1.74	\$ 2.18	\$ 2.62	\$ 5.23	\$ 36.61	\$ 156.90

Note: If the heater also has a fan, the actual cost may increase over the amounts shown

# 2018-2019 IOWA HOME ENERGY ASSISTANCE PROGRAM

ATTENTION: RESIDENTIAL CUSTOMERS NEED HELP WITH YOUR HEATING BILL?

The 2018-2019 Low-Income Home Energy Assistance Program (LIHEAP) has been established to help qualifying low-income Iowa homeowners and renters pay for a portion of their primary heating costs for the winter heating season.

The assistance is based on household income and size, type of fuel, and type of housing.

If you are not sure where to apply, please visit <https://humanrights.iowa.gov/dcaa/where-apply>

to contact your local community action agency, or write to:

LIHEAP  
Iowa Department of Human Rights  
Capitol Complex  
Des Moines, IA 50319

<u>INCOME MAXIMUMS</u>	
<i>Household</i>	<i>Annual</i>
<u>Size</u>	<u>Gross Income</u>
1	\$21,245
2	\$28,805
3	\$36,365
4	\$43,925
5	\$51,485
6	\$59,045
7	\$66,605
8	\$74,165

For households with more than eight members, add \$7,560 for each additional member.

**WHEN TO APPLY:**

**Elderly (60 & over) and/or disabled:** October 1, 2018 to April 30, 2019

**All other households:** November 1, 2018 to April 30, 2019

**WHAT TO TAKE: Proof of Income (for all household members age 19, and over)**

Check stubs from the previous 30 days, award letter from Social Security or 2017 tax return

**Social Security numbers for all household members (documentation required)**

**Recent heat bill and Recent electric bill**

**WAGE EARNERS:** Please bring copies of your check stubs for the 30-day period preceding the date of application, or a copy of your federal income tax return.

**FIXED INCOME:** This income may include: Social Security Benefits, Supplemental Security Income, Family Investment Program, Veteran's Assistance, Unemployment Insurance, and pensions. Please bring copies of your check stubs from the previous 30 days.

**SELF-EMPLOYED/FARMERS:** Please bring a copy of your most recent federal income tax return.

**FIP RECIPIENTS:** Please bring your current DHS Notice of Decision or contact your local office for acceptable document information.

**Across**

2. What current is measured in.
5. A device for disconnecting a circuit.
9. Lots of sockets connected together. (4,4) (2 words)
12. One of the towers that carries electricity around the country.
13. Device for stepping voltages up or down.
16. What the coloured plastic coating on wire is called.
17. The way the current in a domestic supply constantly changes.
18. A resistor that reacts to heat.
20. The bit that remains stationary in a motor.
22. Measures waveforms.
23. The study and use of semi-conductors.
26. Make connection by pushing it in.

28. The action of removing the insulation from wire.
31. A device that gives DC electrical energy from chemicals.
33. An attractive force that makes motors and other stuff work.
34. Melt it to fix components to the board.
35. Light emitter - one way tool
36. Unit of resistance.
39. Tool that grips and cuts sometimes.
44. The wire melts to protect you.
45. Something that replenishes a battery's energy.
46. An abbreviation for a light sensitive device.

**Down**

1. Electromotive force and potential difference is measured in this.
3. What gives us turning power from electricity.
4. A unit that gives off light from an element.
6. Something that is good at passing a current.
7. A device that produces electricity.
8. The points where we attach wires or components together.
10. What we use to measure electrical energy.
11. A component that limits the flow of current.
13. Semi-conductor with 3 connections to it.
14. A type of lighting tube.
15. The box with all the fuses or circuit breakers in. (8,4) (2 words)
19. The unit of inductance.
21. Something that is bad at passing a current.
24. A device that stores electrical charge.
25. What most cables are made from.
27. A tool that squashes a connection onto a wire.
29. The unit of capacitance.
30. Full wave or half wave device to change AC to DC.
32. A portable supply of light.
34. Something you get when touching high voltage.
37. Abbreviation for a protective device.
38. Current only flows one way through this component
40. The bit that turns in a motor.
41. Popular brand of insulation tester.
42. Take the plug!

