



Light reading

Conservation News

July/August 2017

40 YEARS OF CONSERVATION

In 1980, Seattle City Light entered into an agreement with tribes and agencies to protect fish flows on the Skagit River. By 2000, populations of pink and chum salmon had reached historic levels, up to 14 times higher than they were in 1980. In 2004, 20,000 chinook salmon returned to spawn in the Skagit River, meeting a goal set by the Endangered Species Act.



COOKIN' WITH KILOWATTS RETURNS

City Light wants you to put an energy-efficient spin on your most creative, tasty recipe. Our Cookin' with Kilowatts contest challenges you to create or use a recipe that you would typically bake in an oven using a cooking method that uses less electricity. For rules, prizes, contest information and to submit your recipe, go to seattle.gov/light/recipe. The winning recipe receives the grand prize: City Light will produce your own cooking video and it will be featured in City Light publications.



Cooking efficiently saves energy and money, but there's no need to save on taste! As you see in the chart, a crockpot uses less than half the energy of an oven.

STAY COOL

Keeping cool in the summer can be a challenge, but you can do it with these energy and money saving tips.

- Avoid using your oven (and participate in Cookin' with Kilowatts).
- Shut your windows and blinds facing the sun during the day, open them at night.
- Use a fan, but remember that fans cool people, not rooms. Turn them off when you leave a room.
- Consider air-drying both dishes and clothing .

For more money and energy-saving tips, visit seattle.gov/light/renterscorner.

RENTER'S CORNER

| APPLIANCE | TEMP | TIME | ENERGY | COST* |
|---------------|--------|--------|---------|--------|
| Electric Oven | 350 F | 1 Hr | 2.0 kWh | 25¢ |
| Toaster Oven | 425 F | 50 Min | .95 kWh | 12¢ |
| Crock Pot | 200 F | 7 Hrs | .7 kWh | 9¢ |
| Microwave | "High" | 15 Min | .36 kWh | 5¢ |
| Solar Oven | | | | Free** |

* Assumes 12.5 cents/kWh

**Google "solar oven" for how-to videos and more
(Table from Consumer Guide to Home Energy Savings)



Seattle City Light

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FOLLOW SEATTLE CITY LIGHT ON SOCIAL MEDIA

City Light's Twitter, Facebook and YouTube accounts are all great ways to stay connected with us. Add City Light to your social networks to get profiles of our employees, amazing pics of our hydroelectric facilities, traffic alerts related to construction, crucial outage updates and much more.



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CITY LIGHT POWERS FUTURE ENGINEERS

Furthering our commitment to innovation and seeking new opportunities to promote electric vehicle usage and energy conservation, City Light is proud to announce our sponsorship of UW Formula Motorsports (UWFM). A program of the University of Washington's College of Engineering, UWFM is a student team designing, building and driving an electric car.



The partnership between City Light and UWFM signifies the shared commitment to power a new generation of clean cars with carbon neutral electricity. This focus on carbon neutrality aligns with the City of Seattle's [Drive Clean Initiative](#) and City Light's investment in infrastructure that's aimed to reduce emissions and transform the transportation sector. City Light's sponsorship also demonstrates the utility's investment in educating the next generation of engineering and business professionals.

ADVANCED METERING COMMUNICATIONS NETWORK COMPLETED

City Light achieved a significant milestone in its Advanced Metering program on May 31, 2017, with the completion of the communications network that will deliver energy usage information wirelessly from the advanced meters to the utility. The communications network consists of 49 collectors and



340 routers that gather fully-encrypted data from those meters and deliver it to the utility. For more information, visit seattle.gov/light/ami.



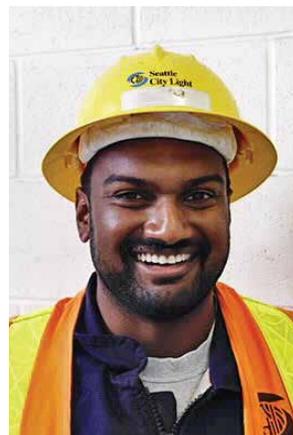
IN YOUR NEIGHBORHOOD: CITY LIGHT @ WORK



Crews are in these neighborhoods, working to provide reliable service:

- Various South Seattle neighborhoods: replacing aging utility poles to help improve and upgrade electrical reliability;
- Blue Ridge/North Beach: installing underground conduits to improve electrical service;
- South Lake Union/Denny Triangle: installing underground vaults and ducts in advance of the new substation;
- Pioneer Square: installing conduit to increase reliability;
- Waterfront: relocating transmission lines in preparation for tunnel.

This is a partial list. For details go to seattle.gov/light/atwork and click on an orange cone to learn about individual projects.



SAFETY TIP FROM THE FIELD

"Summer is a great time to work on outdoor projects! But, if you are planning to dig around your house for any reason, don't forget to call 811 at least two days in advance of picking up a shovel. Utilities will mark their buried lines from the street to your house for free."

-Eddie Reddy,
Utility Construction Lead Worker

Correction: The 2015 fuel mix has been updated. Coal changed from 2.1% to 2.4%, Natural gas from 1.3% to 0.9% and Others from 0.4% to .05%. See the updated chart here: seattle.gov/light/LR/2015FuelMix

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