



# Light reading

Conservation News

May/June 2016

## HYDRO-ELECTRICITY

### COLORING FUN

We wouldn't be the nation's greenest utility without our customers doing their part. City Light provides clean hydroelectricity; you do your part to turn off, unplug, and invest in energy-efficient products and solar. After all that hard work, now it's time for some fun. Show off your coloring skills and green-energy knowledge in just a few easy steps:

#### Step one:

Color the images on this page.

#### Step two:

Share your masterpiece on the City Light Facebook page in the visitor's section or post the photo on your page and tag City Light (facebook.com/SeattleCityLight). For Twitter, tweet your picture to @seattlecitylight. Add the hashtag #nationsgreenest. Please share your picture by July 20.

#### The fun doesn't have to stop there!

Go to [www.nationsgreenest.org](http://www.nationsgreenest.org) to take a quiz on what turns your lights on. You'll then be entered to win a prize. The quiz must be taken by July 20.



## COUNCIL APPROVES NEW CEO FOR CITY LIGHT



In March, the Seattle City Council approved Mayor Edward Murray's nomination of Larry Weis as general manager and CEO of City Light. Weis came on board as the interim leader in February until the council's energy and environment committee could hold public meetings on the nomination. Weis, a native of Washington state, was the head of Austin Energy in Texas before accepting the City Light position.

## SCAM SEASON

Scam thieves are especially active when bills can be higher — in the winter, when people turn up the heat, and the summer, when folks use air conditioners or fans. Please be cautious if you're contacted about a billing issue, whether by email, phone or in person. If you have questions, contact our Call Center at (206) 684-3000. Find out more about scam prevention at [seattle.gov/light/EndScams](http://seattle.gov/light/EndScams).

# SCAM ALERT

## NEWS TO USE

Keep track of power outages, educational and entertaining videos, plus other useful information on our website:

City Light's outage map: [seattle.gov/light/sysstat](http://seattle.gov/light/sysstat)

YouTube videos: [youtube.com/user/SeattleCityLight](https://youtube.com/user/SeattleCityLight)

Fingertip Facts customer guide: [seattle.gov/light/pubs](http://seattle.gov/light/pubs)

## SKAGIT TOURS

Encounter the beauty, adventure and fun of the North Cascades with Skagit Tours. Beginning service this summer: the new Alice Ross IV Diablo Lake tour boat, featuring a glassed-in cabin and roof, as well as a large, open aft-deck. Visit [SkagitTours.com](http://SkagitTours.com) or call (360) 854-2589.



## BILL-PAYING OPTIONS

There are several ways to pay your City Light bill, including in person at different payment locations in our area, by mail, and over the telephone. But one of the easiest and most convenient is online through our e-Bill service. About 35 percent of City Light customers currently pay their bills online, saving themselves the cost of stamps and maybe some time as well.

Find out about all these options at [seattle.gov/light/paymybill](http://seattle.gov/light/paymybill).



## IN YOUR NEIGHBORHOOD: CITY LIGHT @ WORK



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

- Holly Park: upgrading street lights;
- Elliott Bay: restoring Network and streetlight infrastructure between Piers 54 and 56 in support of Seawall project;
- Blue Ridge: installing underground conduits and vaults for electric-cable upgrade project;
- South Lake Union/Denny Triangle: installing underground vaults and duct banks for the new Denny Substation;
- Various Seattle and Burien locations: replacing poles to maintain reliability;
- Shoreline Substation (Parkwood/Meridian Park): preliminary work prior to installing transformer to maintain reliability.

This is a partial list. For details go to [seattle.gov/light/atwork](http://seattle.gov/light/atwork) and click on an orange cone.



## SAFETY TIP FROM THE FIELD

*"When the weather warms up and kids are outdoors, remind them to never climb trees near power lines or climb on power poles. Don't fly kites or model planes anywhere near power lines. And if a tree house is planned, check that the tree is in a safe location, far from power lines."*

**-Wyatt Brown,**  
City Light apprentice  
line worker



# JOIN GREEN UP

wind

geo

bio

hydro

## OUR LEGACY OF ENVIRONMENTAL LEADERSHIP

As a Seattle City Light customer, you enjoy the cleanest, lowest-cost electricity among large U.S. cities. In fact, more than 90 percent of our electricity is generated from renewable resources, most of which is hydropower. However, while hydroelectricity is renewable and low cost, it's not infinite. Even though the electricity you receive from City Light is carbon neutral, the region as a whole continues to depend on carbon-emitting fossil fuels.

## GO BEYOND HYDROPOWER

City Light's GREEN UP program encourages new renewable energy generation that will help power our region's future. We do that by investing customer purchases in regional renewable projects such as wind, geothermal and biogas and by funding local demonstration and education projects. That means when you join GREEN UP you support clean, renewable energy as well as the Northwest businesses and green jobs that produce it.

Join more than 14,000 of your neighbors who have signed up to build a more sustainable future through GREEN UP. On the back page of this newsletter, learn more about the resources used in GREEN UP, and how the program compares to the utility's power mix.

**Enroll today at [seattle.gov/greenup](http://seattle.gov/greenup) or call an Energy Advisor at (206) 684-3800, 8:30 am-4:30 pm, Monday-Friday.**



## I want to support clean, renewable Northwest energy generation!

\$3 per month    \$6 per month    \$12 per month   I already participate but want to add \$ \_\_\_\_\_ each month

Enclose with your payment or mail to: GREEN UP, Seattle City Light, PO Box 34023, Seattle, WA 98124-4023.  
Your participation in GREEN UP will appear on your regular bimonthly utility bill.

NAME		PHONE #	
SERVICE ADDRESS	CITY	STATE	ZIP
MAILING ADDRESS (if different from above)	CITY	STATE	ZIP
ACCOUNT #	EMAIL		

**GREEN UP**  
(206) 684-3800  
[seattle.gov/greenup](http://seattle.gov/greenup)



The Green-e Energy™ program certifies that GREEN UP meets the minimum environmental and consumer protection standards established by the non-profit Center for Resourced Solutions. For more information on Green-e Energy™ certification requirements, call 1-888-63-GREEN or visit [green-e.org](http://green-e.org)

# Seattle City Light

City Light is proud to support a variety of renewable energy resources through our GREEN UP program. The GREEN UP product<sup>1</sup> is made up of the new<sup>2</sup> renewable energy resources shown to the right.

You can participate in GREEN UP by purchasing renewable energy blocks for \$3 (200kWh), \$6 (400kWh) or \$12 (800kWh) per month in addition to your standard electricity usage charges. The average Seattle City Light residential customer uses 664kWh of electricity each month.

For commercial customers, this product can be calculated to match up to 100 percent of your estimated electricity usage.

For specific information about this electricity product, call Seattle City Light at (206) 684-3800, or visit [seattle.gov/greenup](http://seattle.gov/greenup).



## SEATTLE CITY LIGHT POWER MIX\*

● HYDRO	89.6%
● NUCLEAR**	4.3%
● WIND	3.6%
● COAL**	0.9%
● OTHER***	0.9%
● LANDFILL GAS	0.7%
<b>TOTAL</b>	<b>100%</b>

\*Information based on 2014 data.

\*\*These fuels represent a portion of the power from Bonneville Power Administration.

\*\*\*Others include biomass, natural gas, petroleum and waste.



## 2015 GREEN UP ACTUAL POWER MIX

● WIND (WA/OR)	70%
● GEOTHERMAL (OR)	16%
● DAIRY BIOGAS (WA/OR/ID)	11%
● SMALL HYDRO (ID)	3%



## 2016 GREEN UP PROSPECTIVE POWER MIX

● WIND (WA)	57%
● DAIRY BIO GAS (OR/ID)	34%
● GEOTHERMAL (OR)	7%
● SMALL HYDRO <sup>2</sup> (ID)	2%

1. These figures reflect the power that we have contracted to provide. Actual figures may vary according to resource availability. We will annually report to you the actual resource mix of the electricity you purchased during the preceding year.

2. New renewables come from generation facilities that first began commercial operation on or after January 1, 2002.

3. Eligible hydroelectricity facilities are defined by Green-e Energy™ National Standard and include facilities certified by the Low Impact Hydropower Institute; facilities that are run-of-the-river hydropower facilities with a total rated nameplate capacity equal to or less than 5MW; and facilities comprised of a turbine in a pipeline or a turbine in an irrigation canal.