



ADVANCED METERING

More Power in Your Hands

Seattle City Light is the nation's greenest utility. We are committed to providing you with industry-leading service and reliability while empowering you to make energy-saving choices. As part of this commitment, we are scheduled to begin replacing electric meters with advanced meters in 2017.

Advanced Metering is a safe and proven technology that is widely used across the US. More than 500 utilities across the nation already use this technology, with 50 million advanced meters installed at 43 percent of American households (Institute for Electric Innovation, 2014).

LAYING THE GROUNDWORK FOR A SMARTER GRID

Seattle is visionary, high-tech and one of the fastest growing cities in the country. It's important that we keep pace with its increasingly complex energy needs and provide effective service to meet its growth. Advanced Metering is a building block for a more efficient electric system, often called the smart grid.

Our electric distribution system was built in the early 1900s and many of the meters we use today have changed little over the last 100 years. These meters have reached the end of their lifespan and need to be updated. Advanced Metering can help us deliver electric services more efficiently and put you, our customer, in greater control of your energy use.

In the future, Advanced Metering could help support new tools like pre-payment or text and email alerts that notify you if energy use exceeds a set threshold. Eventually, you will also receive your electricity bill monthly, instead of bi-monthly.

Advanced Metering will:

- Empower you to make energy-saving choices
- Improve customer service
- Reduce environmental impact
- Improve efficiency for City Light

ADVANCED METERING WILL PROVIDE YOU WITH MANY NEW BENEFITS. IT WILL:

Empower you to make energy-saving choices. With Advanced Metering, you will be able to access daily updates on your energy use. This can enable you to make better informed energy- and money-saving decisions.

Improve customer service.

- **Faster outage detection and restoration:** Advanced Metering will automatically report power outages to City Light, allowing us to respond and restore your power faster.
- **More accurate billing:** Advanced Metering will greatly reduce the billing estimates that are occasionally needed today when a meter reader cannot access a meter for a manual read.

Reduce environmental impact. Your energy use will be automatically sent to City Light, reducing the need for meter reader vehicles on the road. We can eliminate up to 72 tons of CO2 emissions per year.



The costs of the program are covered by the rates you already pay; there are no additional costs to ratepayers.

IMPROVED EFFICIENCY FOR CITY LIGHT

Across our entire distribution network, Advanced Metering will help us monitor for outages, voltage issues and equipment problems. This will help City Light operate the system more efficiently, and catch issues before they become problems. Advanced Metering can:

- Help us better monitor and manage the distribution grid.
- Provide new safety features such as sensors that can detect heat-related issues.
- Reduce energy theft with an alert that is sent to the utility at the first sign of tampering.

All of these added benefits will help us save time and resources, which can help keep costs low and stable for you.

PROGRAM BACKGROUND

As outlined in our strategic plan, Seattle City Light will replace more than 410,000 electric meters with advanced meters. Advanced Metering is one of several strategic initiatives to build a smarter grid and benefit our customers. It will modernize City Light's operations, improve service to our customers and support our efforts to remain the nation's greenest utility. Meter installation is scheduled to begin in 2017.



Seattle City Light is dedicated to exceeding our customers' expectations in producing and delivering environmentally responsible, safe, low-cost and reliable power.