WHERE ARE WE GOING?

City Light Review Panel

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Where are we today?
The Gross Domestic Product is up 12% since 2007, while energy use is down 3.6%.

-Bloomberg New Energy Finance; Feb. 9 2017
ONE OF THE FASTEST GROWING CITIES

• According to 2013 census data, Seattle is the fastest growing big city in the U.S.
CARBON NEUTRAL SEATTLE BY 2050

DRIVE CLEAN SEATTLE
CUSTOMERS WANT INNOVATION

Survey says: Customers want innovation. How can utilities deliver?


-UtilityDive
The Stone Age didn't end for lack of stone, and the oil age will end long before the world runs out of oil.

- Sheik Ahmed Zaki Yamani
“What a storm! Thank goodness the emergency fridge kept our food cold.”

“Oh thank goodness I can charge my phone!”

What’s your energy story?
### MICROGRID SERVICES

#### Possible Devices Available During Outages

<table>
<thead>
<tr>
<th>Device</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell Phones</td>
<td>3 per home</td>
</tr>
<tr>
<td>Laptop</td>
<td>1 per home</td>
</tr>
<tr>
<td>Heat Pump</td>
<td>1 per home</td>
</tr>
<tr>
<td>LED Lighting</td>
<td>6 per home</td>
</tr>
<tr>
<td>Refrigerator</td>
<td>1 per home</td>
</tr>
<tr>
<td>Wireless Router</td>
<td>1 per home</td>
</tr>
<tr>
<td>Microwave</td>
<td>1 hr/day</td>
</tr>
</tbody>
</table>

For 20 homes:
- Loads can be met for 24hrs
- Additional time based on Solar availability

680 kWh/200 kW
MICROGRID PROJECT MILESTONES & BUDGET

2017
- Identify funding
- Select a Site
- Create a model
- Execute design contract

2018
- Public Outreach
- Construction begins

2019
- Completed Microgrid
CHARGING INFRASTRUCTURE

Image credit: Techdrive.com
OUR VISION
To set the standard—to deliver the best customer service experience of any utility in the nation.

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

OUR VALUES
Excellence, Accountability, Trust and Stewardship.