MAGNOLIA COMMUNITY MEETING

Discovery Park Environmental Learning Center

October 2018
MEETING AGENDA

• History of Magnolia’s electrical infrastructure
• Cause of unplanned power outages
• Upcoming and future construction in Magnolia
HISTORY OF THE NEIGHBORHOOD

• 1970’s: Underground electrical system installed in Magnolia

• 2011: Cables were tested and injected with silicone
  o 59.9% of the cable was successfully injected
## POWER OUTAGE DETAILS

<table>
<thead>
<tr>
<th>Outage Start</th>
<th>Outage End</th>
<th>Cause</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/18/2017 3:00 p.m.</td>
<td>10/18/2017 6:36 p.m.</td>
<td>Tree in Wires</td>
<td>216 minutes</td>
</tr>
<tr>
<td>11/13/2017 3:55 p.m.</td>
<td>11/13/2017 5:05 p.m.</td>
<td>Tree in Wires</td>
<td>70 minutes</td>
</tr>
<tr>
<td>12/20/2017 12:20 p.m.</td>
<td>12/20/2017 10:16 p.m.</td>
<td>Bird - Crow</td>
<td>596 minutes</td>
</tr>
<tr>
<td>12/31/2017 2:47 a.m.</td>
<td>12/31/2017 9:50 a.m.</td>
<td>No Cause Found</td>
<td>423 minutes</td>
</tr>
<tr>
<td>1/11/2018 11:04 p.m.</td>
<td>1/12/2018 11:00 a.m.</td>
<td>Transformer</td>
<td>716 minutes</td>
</tr>
<tr>
<td>5/14/2018 3:32 p.m.</td>
<td>5/14/2018 4:28 p.m.</td>
<td>Switch</td>
<td>56 minutes</td>
</tr>
<tr>
<td>7/22/2018 9:21 a.m.</td>
<td>7/23/2018 12:31 a.m.</td>
<td>Cable</td>
<td>910 minutes</td>
</tr>
<tr>
<td>8/7/2018 7:15 p.m.</td>
<td>8/8/2018 3:05 a.m.</td>
<td>Transformer</td>
<td>470 minutes</td>
</tr>
<tr>
<td>8/27/2018 1:56 p.m.</td>
<td>8/27/2018 8:29 p.m.</td>
<td>Cable</td>
<td>415 minutes</td>
</tr>
</tbody>
</table>
WHAT IS CITY LIGHT DOING TO ADDRESS THIS?

• Short-term solutions:
  o Re-energize/repair section of cable (planned outage)
  o Replace 1,000 feet of damaged cable

• Long-term solution:
  o Replace cable; install conduit, electrical vaults
SHORT-TERM CONSTRUCTION PLANS

• City Light will replace the damaged cable
  o Cable runs approximately 1,000 feet

• Design is underway

• Construction Start:
  Tentative for 4th quarter 2019
  o Notification provided to customers in advance of construction activities
CONSTRUCTION WORK AREA
SHORT-TERM CONSTRUCTION TIMELINE

• **Oct.–Nov. 2018:** Planned power outage to repair and re-energize cable
  - Affected customers will be notified in advance

• **2019:** Tree trimming
  - Prevents trees from landing onto power lines

• **2019:** Crews will replace 1,000 feet of damaged cable

• **TBD:** Bird guard installation
  - Prevents birds from landing on the utility pole
FUTURE CONSTRUCTION

• Several areas within Magnolia that will require new electrical conduit and cables
  o Includes vaults and other associated work

• Trenching for conduits will occur in public right-of-way
FUTURE PROJECT DETAILS

• Work area is approximate
• Final design is scheduled for completion in 2021
• Civil construction is tentative to start in 2022
PROJECT IMPACTS

• Construction will be phased out to limit traffic impacts

• Trenches will be covered with steel plates outside of construction work hours

• Landscaping will be impacted
  o Affected landscaping and streets will be restored or repaved

• Maintenance power outages are required to do the work safely
  o Affected residents will be notified in advance before any outages
MORE INFORMATION

• City Light staff will be stationed around the room to answer your questions

• Customers can sign up to receive email updates on the sign-in sheet

• For more information, please contact:

  **Dennis Dolezal**  
  Electrical Service Representative  
  (206) 684-4977  
  dennis.dolezal@seattle.gov  
  seattle.gov/light/atwork
OUR MISSION
Seattle City Light is dedicated to delivering customers affordable, reliable and environmentally responsible electricity services.

OUR VISION
We resolve to provide a positive, fulfilling and engaging experience for our employees. We will expect and reinforce leadership behaviors that contribute to that culture. Our workforce is the foundation upon which we achieve our public service goals and will reflect the diversity of the community we serve.

We strive to improve quality of life by understanding and answering the needs of our customers. We aim to provide more opportunities to those with fewer resources and will protect the well-being and safety of the public.

We aspire to be the nation’s greenest utility by fulfilling our mission in an environmentally and socially responsible manner.

OUR VALUES
Safety, Environmental Stewardship, Innovation, Excellence, Customer Care