AMI Opt-Out Policy
Follow-up Discussion

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Advanced Metering Infrastructure (AMI) Opt-Out Policy Consideration: *Follow-up on Dec. 16, 2019 discussion*

- Resolution highlights
- Summary of public comment
- Further look into offering an electro-mechanical analog meter option
Opt-Out Program Summary

✔ Residential service (including multi-family up to 4 units), single-phase, without net metering
✔ Customer history and premises considerations
✔ $0 Enrollment
✔ $50 per month, qualifying low-income senior/disabled discount of 50%
✔ Analog meter option (see following slides)
✔ Annual evaluation of cost
Public Comment Summary

- 6 formal communications representing approximately 40 customers (est. 30 premises)

- Common themes:
  - Concern with the magnitude of the monthly fee
  - Preference to have no fee associated with opt-out
  - General opposition to AMI due to health, safety and privacy concerns
Background information

• District last purchased an electro-mechanical analog meter in 2006
• Since then major meter manufactures have quit producing them, although secondary refurbished markets exist
• As part of the AMI deployment District could retain a number of newer electro-mechanical analog meters for those customers not wanting a solid state non-communicating meter
Considerations to manage a electro-mechanical analog meter within the Opt-out policy

• Meters should be field tested on at least a bi-annual basis

• Testing will ensure meter accuracy is within 99.7% to 100.3%

• District will maintain an adequate inventory of acceptable analog meters allowing for exchanges
Analog meter option cost information

- Will require 2 field accuracy test units
- Assumes 25 analog Opt-Out customers

<table>
<thead>
<tr>
<th>Bi-annual analog opt-out meter testing</th>
<th>Fixed equipment costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2.5 hours of labor + vehicle)</td>
<td>(5-year life)</td>
</tr>
<tr>
<td>$110 annualized</td>
<td>$130 annualized</td>
</tr>
</tbody>
</table>

*(does not include meter costs or initial testing)*

Monthly additional cost of an analog meter option - $20
Next steps

• AMI planned to deploy in 2020
Appendix - Customer Service Impacts

- Will not receive other enhanced benefits (near real-time usage data, energy alerts, premises-specific outage notifications, etc.)
- May not be eligible to participate in programs that rely on data from advanced metering
- Quarterly reads may result in unanticipated bill variability
- Assessed an ongoing meter reading fee for each billing cycle
## APPENDIX

### Similarly sized utilities

<table>
<thead>
<tr>
<th>Utility</th>
<th>One-time Fee</th>
<th>Monthly Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benton PUD</td>
<td>$90</td>
<td>$15</td>
</tr>
<tr>
<td>Grant PUD</td>
<td>$250</td>
<td>$65</td>
</tr>
<tr>
<td>Douglas (one-way)</td>
<td>$0</td>
<td>$15</td>
</tr>
<tr>
<td>Cowlitz PUD</td>
<td>$135</td>
<td>$25</td>
</tr>
<tr>
<td>Mason 3 PUD</td>
<td>$0</td>
<td>$25</td>
</tr>
<tr>
<td>Clallam PUD</td>
<td>$32</td>
<td>$18</td>
</tr>
</tbody>
</table>

### Large WA State Utilities

<table>
<thead>
<tr>
<th>Utility</th>
<th>One-time Fee</th>
<th>Monthly Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seattle City Light</td>
<td>$125</td>
<td>$16</td>
</tr>
<tr>
<td>Avista</td>
<td>$75</td>
<td>$5</td>
</tr>
<tr>
<td>Puget Sound Energy</td>
<td>$175</td>
<td>$7.50</td>
</tr>
</tbody>
</table>
Appendix: Opt-Out Eligibility

- Residential service (including multi-family up to 4 units), single-phase
- Not net metered
- Satisfactory, timely payment history, including no unpaid account balances
- Property owner permission (i.e. if renting)
- Compliance with Utility Service Regulations (current and past)
- Meter must be physically accessible to PUD staff