Why we’re here

- Update 10-year load forecast
- Review electric, water & wastewater growth trends
- Review large customer projects
- Update substation construction status
- Answer questions – No board action requested
Key points

- New construction continues to grow
- Load projections reflect stability in High Density Load (HDL)
- Regional planning efforts continue
- Substation construction & property acquisition continue
- New technology enhances load forecasting – advanced meters (AMI), outage management system (OMS), advanced data management system (ADMS)
Indicators show 2020 will bring more new construction as in previous years

Trends

• City high density zoning
• Creation of “Opportunity Zones”
• Foothills development plans moving forward
• More hotels
Growth in local business & new arrivals

Chelan

Beta Hatch
Insect Entrepreneurs

Cashmere

Cashmere

Wenatchee

Leavenworth
Wenatchee foothills housing developments

- Triad: 431 Res Lots
- Pheasant Hill: 93 Res Lots
- Deerm Haven: 120-unit Apt
- Queen's Court: 52 Res Condos
- Beacnsfield: 72 Res Lots
- Sienna: 41 Res Lots

New Water Services = 551
9% Growth
Housing development (cont.)

- Higher density zoning – 3,000 sq/ft per lot
- Multifamily & cluster units
Active projects of note:

NEW LARGE PROJECTS RECEIVED SINCE October 2019:

167 unit residential apartment complex – Leavenworth 0.9 MW
37 lot residential development - Springwater St, Wenatchee 0.3 MW
44 unit residential apartment complex – Canal Wenatchee 0.3 MW
60 unit residential apartment complex – Maple St, Wenatchee 0.4 MW
40 unit residential apartment complex – Manson 0.3 MW
Church near Kimber Rd – Cashmere 0.16 MW
89 room hotel Penny Rd. Olds Station – Wenatchee 0.75 MW
95 room hotel – N. Wenatchee Ave (re-build) 0.50 MW
64 room hotel – Ninth St, Wenatchee 0.50 MW
Beta Hatch industrial – Cashmere 1.20 MW
Commercial space – Peshastin Mill Rd 1.00 MW

Peak Demand ~ 6.31 MW
## 10 Year Load Forecast Change

(Net of Energy Conservation Plans)

<table>
<thead>
<tr>
<th>Date of Forecast</th>
<th>Base Case</th>
<th>High Case</th>
<th>Low Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jun 2019</td>
<td>48 aMW 2.0 %</td>
<td>203 aMW 6.6 %</td>
<td>7 aMW 0.3 %</td>
</tr>
<tr>
<td>Sep 2019</td>
<td>32 aMW 1.3 %</td>
<td>171 aMW 5.7 %</td>
<td>7 aMW 0.3 %</td>
</tr>
<tr>
<td>Dec 2019</td>
<td>26 aMW * 1.2 %</td>
<td>165 aMW 6.2 %</td>
<td>3 aMW 0.1 %</td>
</tr>
</tbody>
</table>

*Note:*

No new cryptocurrency applications or inquiries, Base case assumes average economic development
No. Wenatchee Substation expansion
Diamond Foundry

October 2019

January 2020
## Substation status

<table>
<thead>
<tr>
<th>Substation</th>
<th>Stage</th>
<th>Stage Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ohme</td>
<td>Site design &amp; transformers delivered</td>
<td>complete</td>
</tr>
<tr>
<td>Diamond Foundry</td>
<td>Grading work &amp; transformers delivered</td>
<td>complete</td>
</tr>
<tr>
<td>Wenatchee expansion</td>
<td>Site plan / General arrangement</td>
<td>Q2 - 2020</td>
</tr>
<tr>
<td>Chelan Gorge</td>
<td>Transmission line, route design</td>
<td>Q2 - 2020</td>
</tr>
<tr>
<td>North Shore</td>
<td>ECI Consultant- Site plan/ arrangement</td>
<td>Q1- 2020</td>
</tr>
<tr>
<td>Leavenworth</td>
<td>ECI Consultant- Site plan/ arrangement</td>
<td>Q1 - 2020</td>
</tr>
<tr>
<td>Mobile units</td>
<td>Delivery of two units</td>
<td>Q2 - 2020</td>
</tr>
</tbody>
</table>
2020 Strategic Planning action

- Review electric system cost for line extensions
- Report on alternatives in Q3
Summary

• New construction continues to grow
• Load projections reflect stability in High Density Load (HDL)
• Regional planning efforts continue
• Substation construction & property acquisition continue
• New technology enhances load forecasting – AMI, OMS, ADMS

Questions?