

Public Power Benefit Fiber Expansion

UPDATE

Nov. 21, 2016

Why we're here

- Update on 2016 expansion
 - Decision to focus on reliability for electric system as well as broadband network
 - Impact of that decision
 - Collaboration between Fiber and Electrical Distribution
- Review accomplishments
- 2017 broadband network proposed expansion locations

For your information; no board action requested

Crews in Action



Crews in Action



2015-2016 Accomplishments

- Distribution and Fiber staff collaboration to meet NESC standards
 - This meant significantly more preparation – “make ready” work before Fiber expansion could start
 - Collaboration is essential for safety and reliability
 - Required coordinating Capital and O&M projects
- Planned work in Yaksum Canyon and Mission Creek Canyon were deferred and prioritized for 2017
- Blue Star and Olive Way in Cashmere (“doughnut hole”) moved up to 2016 construction

Where we are

- Today's statistics
 - 578 premises passed (ready for connection)
 - 36 connections completed (taking service)
 - 31 Pending Orders
- Year-end expectations
 - 750 Premises passed
 - Original target was 1,038 premises passed
- Optimizing construction activities as we move into fall and winter

What's next

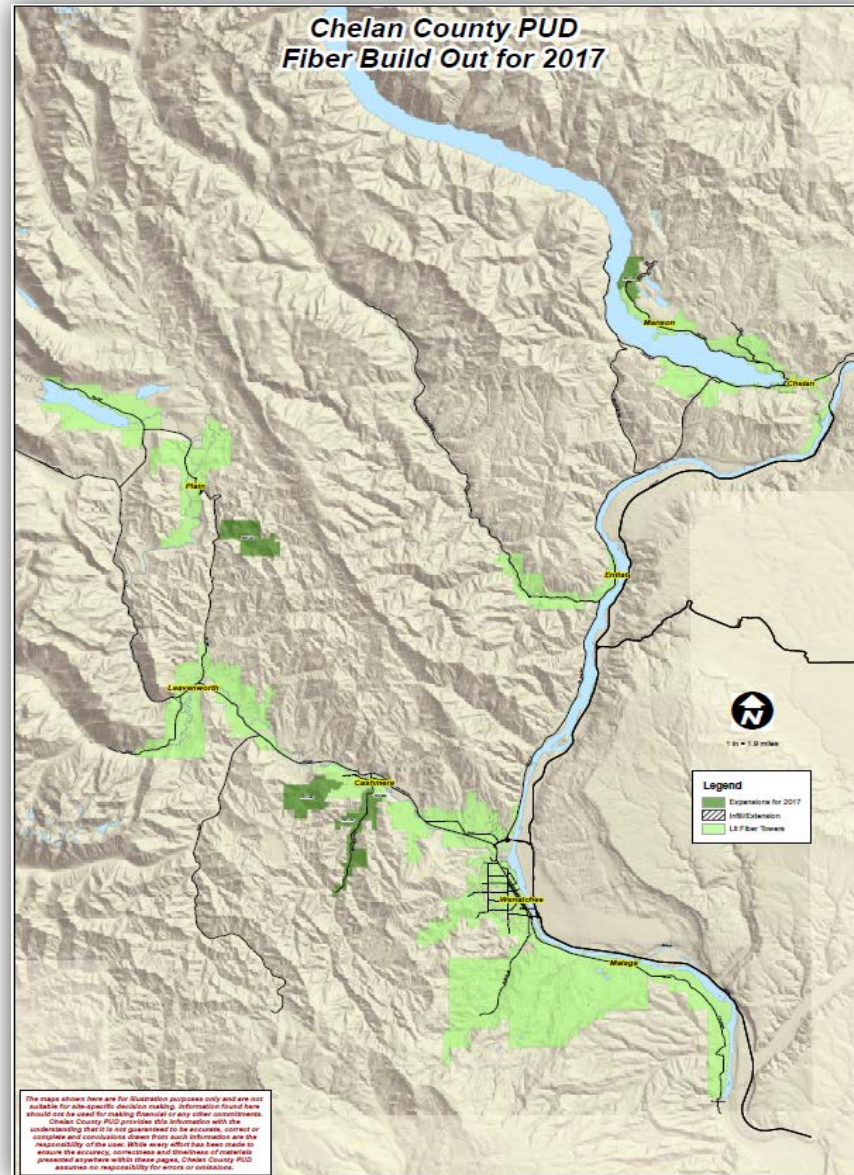
- Identified 2017 potential PPB Fiber build areas
 - Cashmere
 - Chelan
 - Leavenworth
 - Manson
 - Sunnyslope
- 928 new premises
- Engineering design and resource planning for these areas in 2017 is included in the District budget

What's next - continued

- Utilized same criteria from 2016
 - Adjacent to existing areas
 - No major construction – no new nodes
 - Prefer overhead distribution
 - Minimal new fiber distribution
 - Coordinated with Electrical Distribution priorities*

* Added in 2016 to reflect decision on NESC make ready work for safety and reliability

Fiber Build Out for 2017





More information at
www.chelanpud.org/fiber