Electric Load Growth & Agency Planning Update

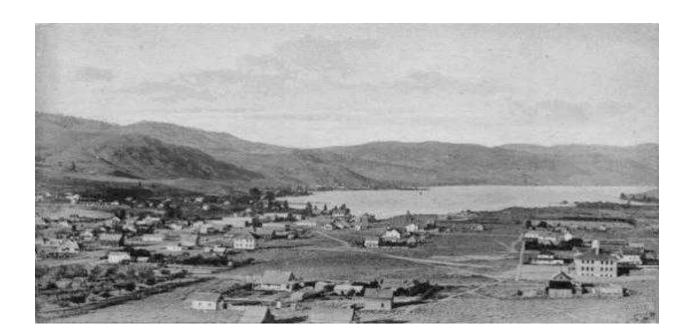


Andy Wendell – Director of Customer Services
Chad Rissman – Director Engineering & Asset Management



Applying Lessons Learned

- Quarterly updates to the Board
- Proactive planning with others
- Seeking options on properties long range
- Establishing Public Participation Processes





Today's Agenda

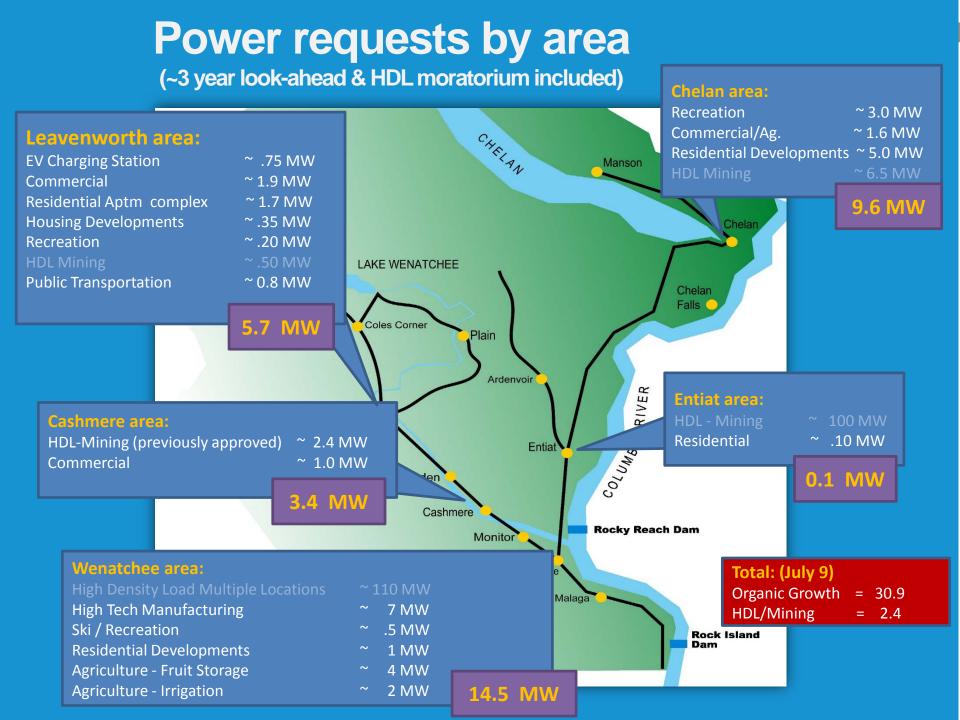
- Update on large customer project
- Report on Agency Planning meeting- (Cryptocurrency Zoning)
- Long Range Planning Infrastructure
- No action requested



Active Customer Projects

~ 30 MW (Peak)

Louws Truss - Cashmere Mill property	Online now	0.5 MW
Memory Care - Red Apple Rd Wenatchee	Online now	0.5 MW
Fruit Storage – Old Station	Online now	4.0 MW
Fruit Storage - Saunders Road in Peshastin.	2018	0.8 MW
Fruit Storage – Manson	2018	0.8 MW
Cryptocurrency Exp - Cashmere (approved prior to moratorium)	2018	2.5MW
Public School projects – County wide	2018 -19	0.5 MW
Residential Housing Subdivisions, County wide	2018 -19	(700 Meters)
Diamond Foundry – North Wenatchee	2019	7.0 MW+
Computer & Processor Repair – Malaga	2019	1.0 MW
Hotel at Pybus – Riverfront Wenatchee	2019	0.8 MW
144 unit apartment, - Piere St Wenatchee	2019	0.8 MW
Port District - Cashmere Mill property	2019	3.4 MW
Brewery – Leavenworth	2019	0.6 MW
Slide Waters expansion – Chelan	2019	2.0 MW
Conrad Rose Mansion Restoration – Wenatchee	2019	0.5 MW
Hotel - WallaWalla St — Riverfront Wenatchee	2020	0.9 MW
Hotel - Wenatchee – Olds Station	2020	0.8 MW



10 Year Load Energy Forecast*

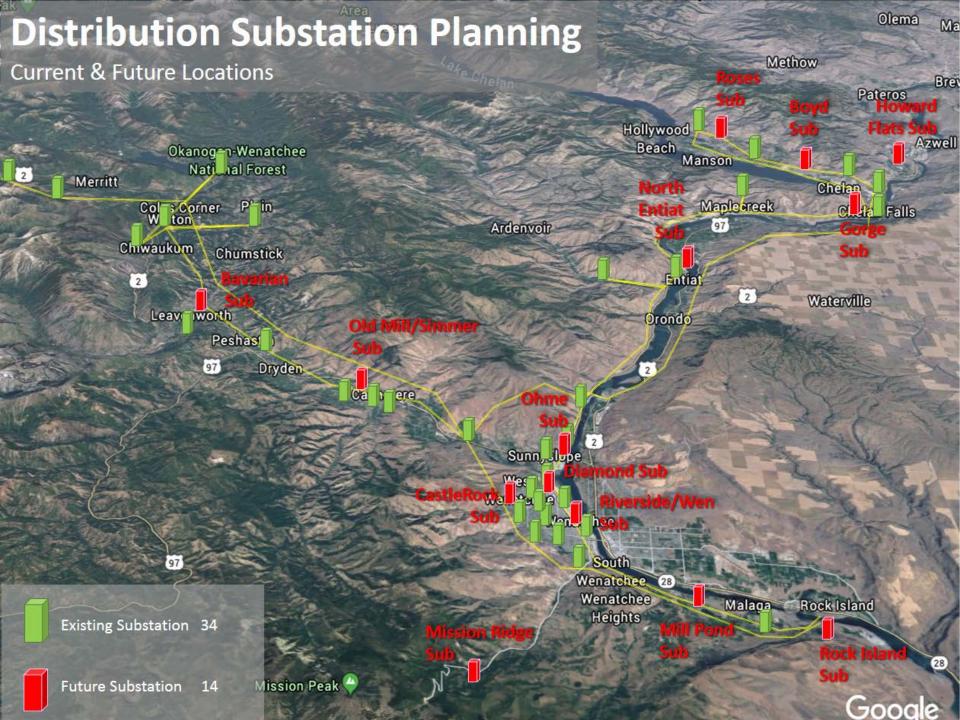
Date of Forecast	Base	High	Low
6/11/2018	3.0% (77 aMW)	7.6% (245 aMW)	0.3% (7 aMW)
9/11/2018	3.0% (77 aMW)	7.6% (245 aMW)	0.3% (7 aMW)

- Forecast based on known applications & estimated energy projections
- Future policy & rate adjustments are expected to have material impacts on future forecasts

Long Range Planning Process

- Infrastructure

- Engaging Municipal Planning Teams & Stakeholders
- Identifying projected growth areas (20 to 50 yr. view)
- Identifying electrical load types (by zoning)
- Evaluating existing utility infrastructure & limitations
- Determining future utility infrastructure needs
- Collaboration on siting, timing & impact analysis



Substation Planning Current Focus Areas:

North Shore Lake Chelan	Property Acquisition	Completed
Leavenworth City	Property Acquisition	Completed √
Ohme/ Olds Station	Property Acquisition	Completed
Entiat City North	Property Acquisition	Completed
Wenatchee City Downtown	Property Acquisition	Feasibility
South Shore Lake Chelan	Property Acquisition	Feasibility



Substation Planning (Core of Downtown Wenatchee)



Looking forward:

- Continue work with agencies on zoning associated with cryptocurrencies
- Joint Planning with Municipalities with focus on property acquisitions for substations & transmission connectivity requirements
- Regular updates to PUD Commission among other City & County Commissions

Municipal & County Planning & Zoning Values:

- Establishing cryptocurrency mining restrictions on residential zones for purposes of preserving electrical safety and system capacity.
- Establishing controls and limits to cryptocurrency growth in commercial and industrial zones to protect planned capacity for traditional load growth.

QUESTIONS

