

Quarterly Electric Load Update

Sept 5, 2023



Presented by:

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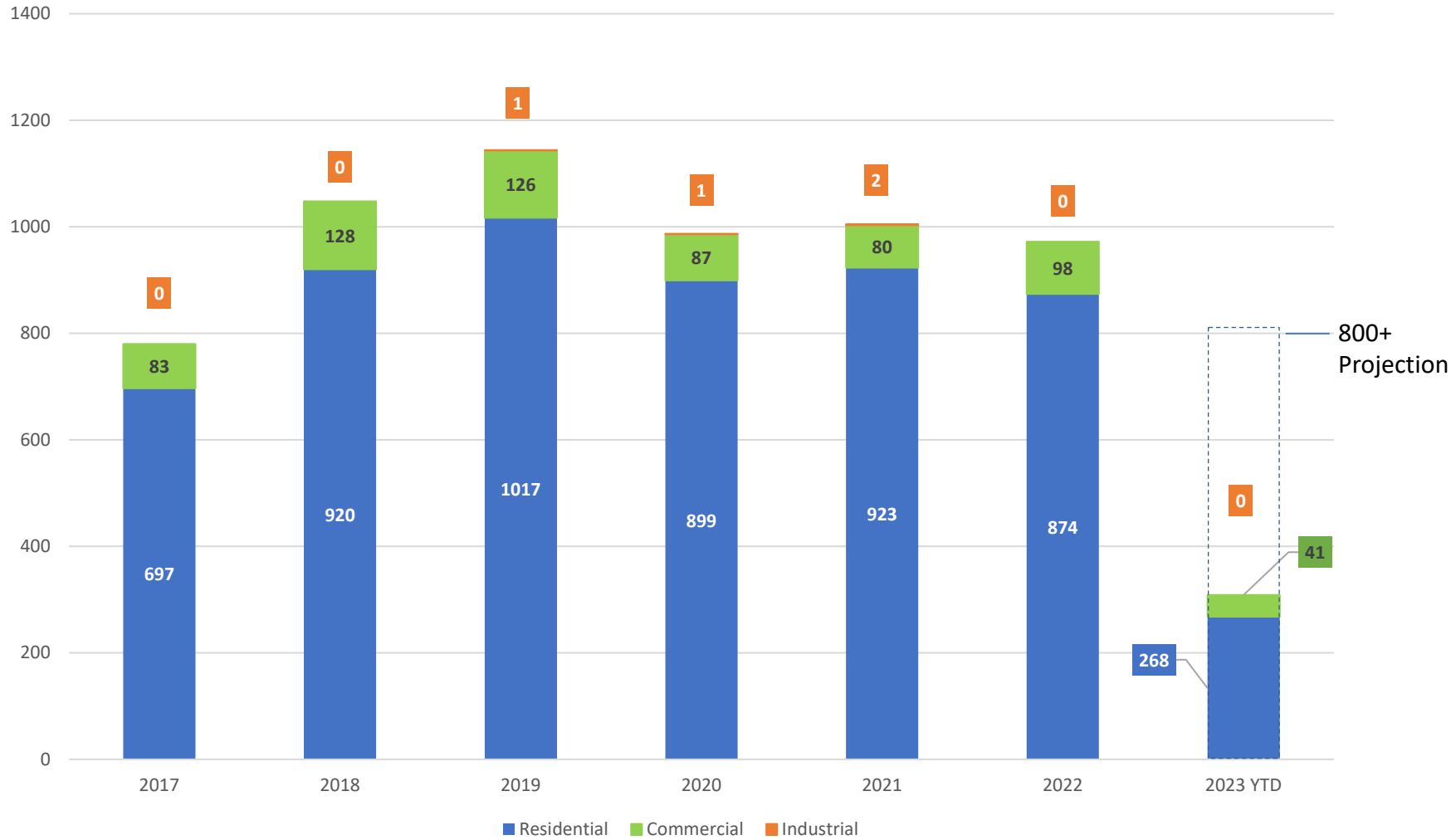
CHELAN COUNTY

Why we are here today



- 2023 - electric meters YTD
- Updated load forecast
- Applications and inquiries
- Substation build update
- No action requested today

New Meter Installs 2017 - 2023 YTD



Notable applications & inquiries



- Phase II Riverview Terrace, Malaga 45 lot
- Hotel Majestic project, Mission St. Wenatchee
- Inquiry- Beta Hatch expansion feasibility
- Maple St. apartment complex ~100 units
- Fast EV Chargers, Olds Station near Circle K
- Hotel La Qunita, 129-unit Leavenworth
- Tesla Super Charger, near Coles Corner
- Link, electric bus charging center, Olds station

Load Forecast Team

Load Forecast Group

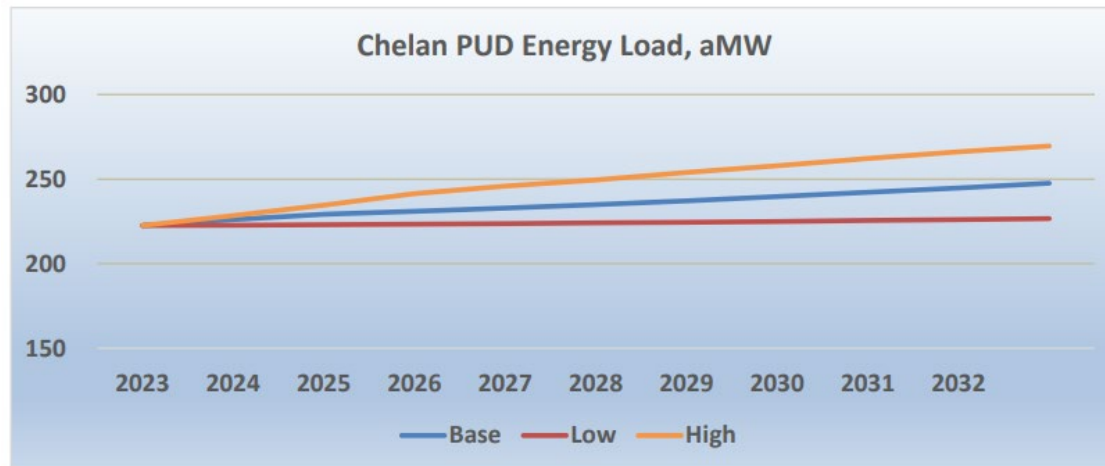
Daniel Scott, Dist. Engr. – Utility Services
Hardy Thayer, Dist. Engr. – Utility Services
Becky Keating, Energy Planning & Trading
Willard Fields, Energy Planning & Trading (retired)
Bret Hammond, Strategic Financial Planning
Jim White, Customer Energy Solutions
Kurt Carlson, Enterprise Risk Management

Advisor Sponsors

Andy Wendell, Dir Cust Serv. Utility Svc.
Chad Rissman, Dir Asset Mgmt Utility Svc.

Expanded Team

Lindsey Mohns, Business Mgr Utility Svc.



10-Year Electrical Load Forecast

(Net of energy conservation plans & excludes new large loads)

<i>Date of Forecast</i>	Base Case	<i>High Case</i>	<i>Low Case</i>
April 2022 Annual growth rate %	31 avg MW 1.4 %	107 avg MW 4.3 %	16 avg MW 0.7 %
April 2023 Annual growth rate %	15 avg MW 0.7 %	47 avg MW 2.0 %	6 avg MW 0.3 %
Sept 2023 Annual growth rate %	32 avg MW 1.4 %	53.2 avg MW 2.3 %	13.3 avg MW 0.6 %



Notes: 1) Load forecast team scheduled to publish a new 10-year forecast August/September of 2023

Residential development pace

SKYRIDGE- TRIAD Development



Median Sold Price Compared To Nearby Counties



COUNTY	JUL 2022	JUL 2023	CHANGE
Kittitas County	\$499.9K	\$542.9K	+8.6% ↑
Douglas County	\$460K	\$475K	+3.3% ↑
Okanogan County	\$344.8K	\$338K	-2.0% ↓
Snohomish County	\$705.3K	\$690.3K	-2.1% ↓
Chelan County	\$558.1K	\$537.9K	-3.6% ↓

Source: Redfin

Number of Homes Sold

JUN 2022

96

JUL 2023

73

CHANGE

-24.0% ↓

Source: Redfin

Days on Market

How long does it take to sell a home in Chelan County, WA?

Average Sale Time



JUL 2022

24 Days

JUL 2023

31 Days

CHANGE

+25.6% ↑

Summary: Homes in Chelan County had an average of 31 days on market in Jul 2023, up by 25.6% compared to last year.

Source: Redfin



CHELAN COUNTY

Wenatchee Area Housing Market Inquiries

People inquiring or have move to Wenatchee from:

Inbound Metros	Net inflow ⓘ May '23 - Jul '23
1 Seattle, WA	1,733
2 New Orleans, LA	73
3 Portland, OR	47
4 Bellingham, WA	30
5 San Francisco, CA	20
6 Houston, TX	17
7 Yakima, WA	14
8 Chicago, IL	14
9 Walla Walla, WA	11
10 Medford, OR	10

People inquiring or have left Wenatchee to:

Outbound Metros	Net outflow ⓘ May '23 - Jul '23
1 Spokane, WA	42
2 Phoenix, AZ	39
3 Las Vegas, NV	17
4 Los Angeles, CA	13
5 Tampa, FL	9
6 Sandpoint, ID	9
7 Kahului, HI	6
8 Lewiston, ID	4
9 Sarasota, FL	4
10 Charleston, SC	4

Source: Redfin

Methodology

This data does not reflect actual moves. The latest migration analysis is based on a sample of about two million Redfin.com users who searched for homes across more than 100 metro areas. To be included in this dataset, a Redfin.com user must have viewed at least 10 homes in a three month period. This dataset excludes all rentals data.



Distribution Substation Planning

Current & Future Locations (updated April 2023)



Existing Substation 34

Future Substation
Property Acquired 6
Design Planning

Future Substation 7
Seeking Property

Google



North Shore Substation Site Grading Progression



North Shore Substation Yard Assembly



North Shore Substation Yard

Looking East



Chelan PUD Substation Planning

Updated March 2023

Substation & Vicinity		Year Planned ₁	Property Acquired	Transmission Required ²
North Shore Substation	Lake Chelan, Henderson Road	2023	Yes	No
Bavarian Substation	Chumstick Highway Leavenworth	2025	Yes	Yes
Wenatchee Substation	Worthen Street Wenatchee	2026	Yes	No
Castlerock Substation	West Wenatchee, Castlerock Street	2026	Yes	Yes
West Wenatchee Substation	Western Foothills vicinity Wenatchee	2026	No	TBD
Gorge Substation	Gorge Road, South of Chelan City	2027	Yes	Yes
Stemilt Creek Substation	Stemilt Creek/Malaga West Vicinity	2027	No	TBD
Roses Substation	North Shore Lake Chelan, Roses Lake	2026	No	TBD
Entiat North Substation	North End of Entiat City Hwy 97A	2028	Yes	No
Mission Ridge Substation	Mission Ridge / Upper Squilchuck	2030	No	Yes
Cashmere East Substation	Cashmere East / Monitor Vicinity	2037	No	TBD
Howard Flats Substation	Chelan Airport / Howard Flats Vicinity	2029	No	Yes
Rock Island Substation	Rock Island / Malaga East Vicinity	2030	No	TBD
Hay Canyon Cashmere Substation	Cashmere North Vicinity	2030	No	TBD

Notes:

1. Year planned is based on forecasted capacity and build capability and is subject to change from year to year depending on load growth
2. Transmission required (Y/N) based on if significant new transmission corridors are required

Current Substation Build Activity

Station	Next Phase	Est. Phase Completion
North Shore	Construction	Q4 - 2023
Leavenworth (Bavarian)	Permitting and environmental review	Q4 - 2023
Wenatchee (upsized)	Environmental review	Q4 - 2023
Wenatchee Foothills (west Wenatchee)	Finalize recommendation	Q4 - 2023
Roses	Site property evaluations	2024
Various Station Rehab	Sunnyslope, South Shore, Summit, L. Wenatchee & Western	2023

Please note:

- Schedules are subject to change (station build team is updating)
- See 2023 District Performance Plan for more details

Summary



- Residential construction remains relatively steady with indications of slightly slower build pace.
- Forecasting 800+ new residential electrical services this year.
- New electrical vehicle charging station infrastructure emerging in all areas.
- No material shift away from substation build plan.
- Planned utility infrastructure investments are positioned well to meet demands of growth in water, electric, wastewater, and fiber.

Questions?



New Developments

(3 year view housing units)

SUPPLEMENTARY SLIDE

Leavenworth	=	337
Cashmere	=	64
Chelan	=	520
Wenatchee	=	1,845
Malaga/Mission	=	672
Entiat	=	150
		~ 3,588