

# Electrical Quarterly Load Update

*July 1, 2019*



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# Why we're here today

- Updated load forecast
- Overview of active projects
- Q3 action items
- Questions?

No Action Requested Today <Information only>

*We are continuing to see steady growth  
in new construction throughout the County*




*Photo: Riverside Drive Apartments- Wenatchee*

# 10 Year Load Forecast Change

(Net of Energy Conservation Plans)

Date of Forecast	Base Case	High Case	Low Case
Sept 2018	77 aMW	245 aMW	7 aMW
Mar 2019	48 aMW	203 aMW	7 aMW
June 2019 Annual Growth Rate No change from March 2019	<b>48 aMW *</b>  <b>2 %</b>	<b>203 aMW *</b>  <b>6.6 %</b>	<b>7 aMW</b>  <b>0.3 %</b>

Current  
Forecast



**\* Note:**

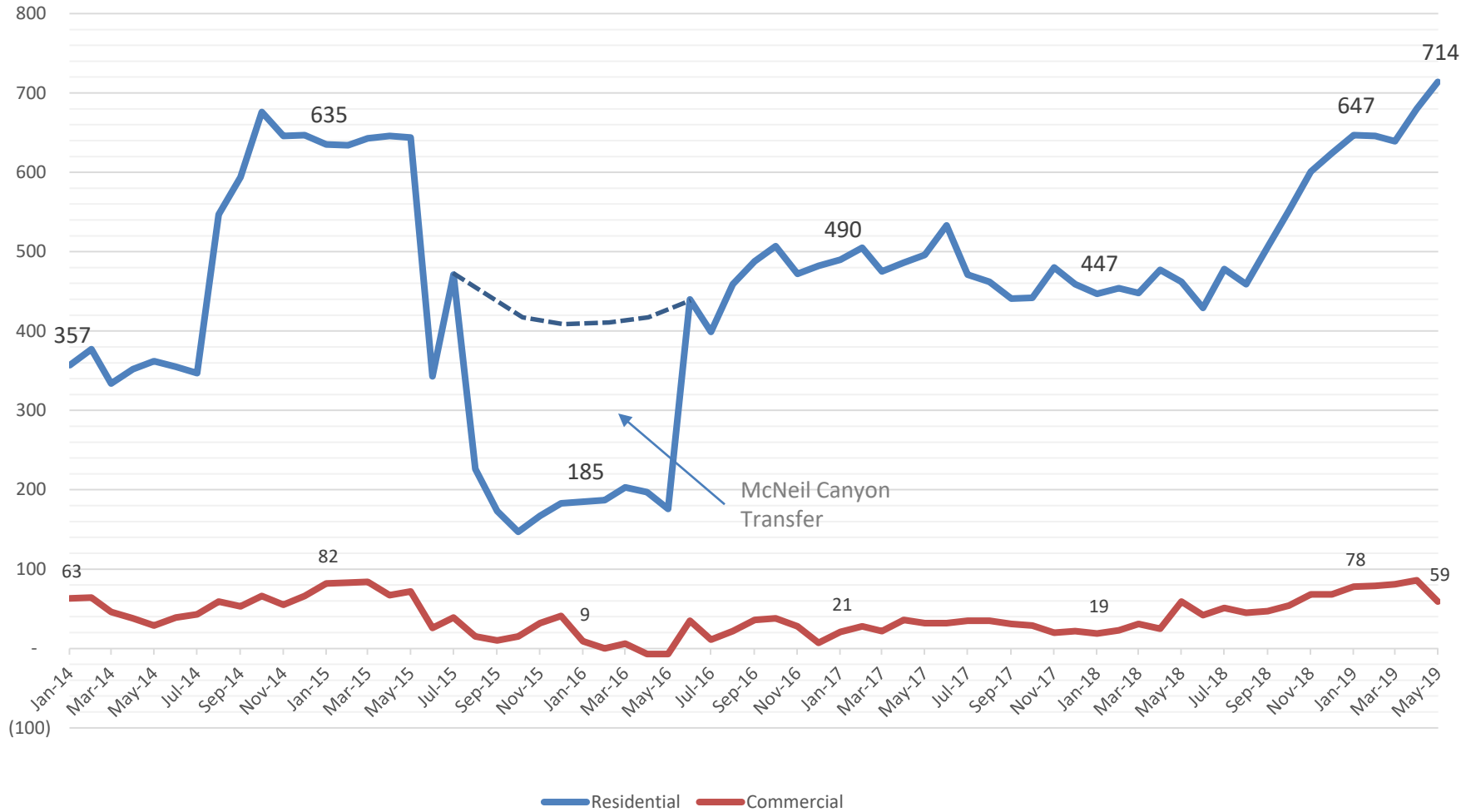
**Diamond Foundry load ramping plan is influential in this forecast**



CHELAN COUNTY  
**POWER**

www.chelanpud.org

## Average Annual Service Additions (Rolling-12) 2014 thru 2019



# Active Projects of Note:

★ = Loads online now

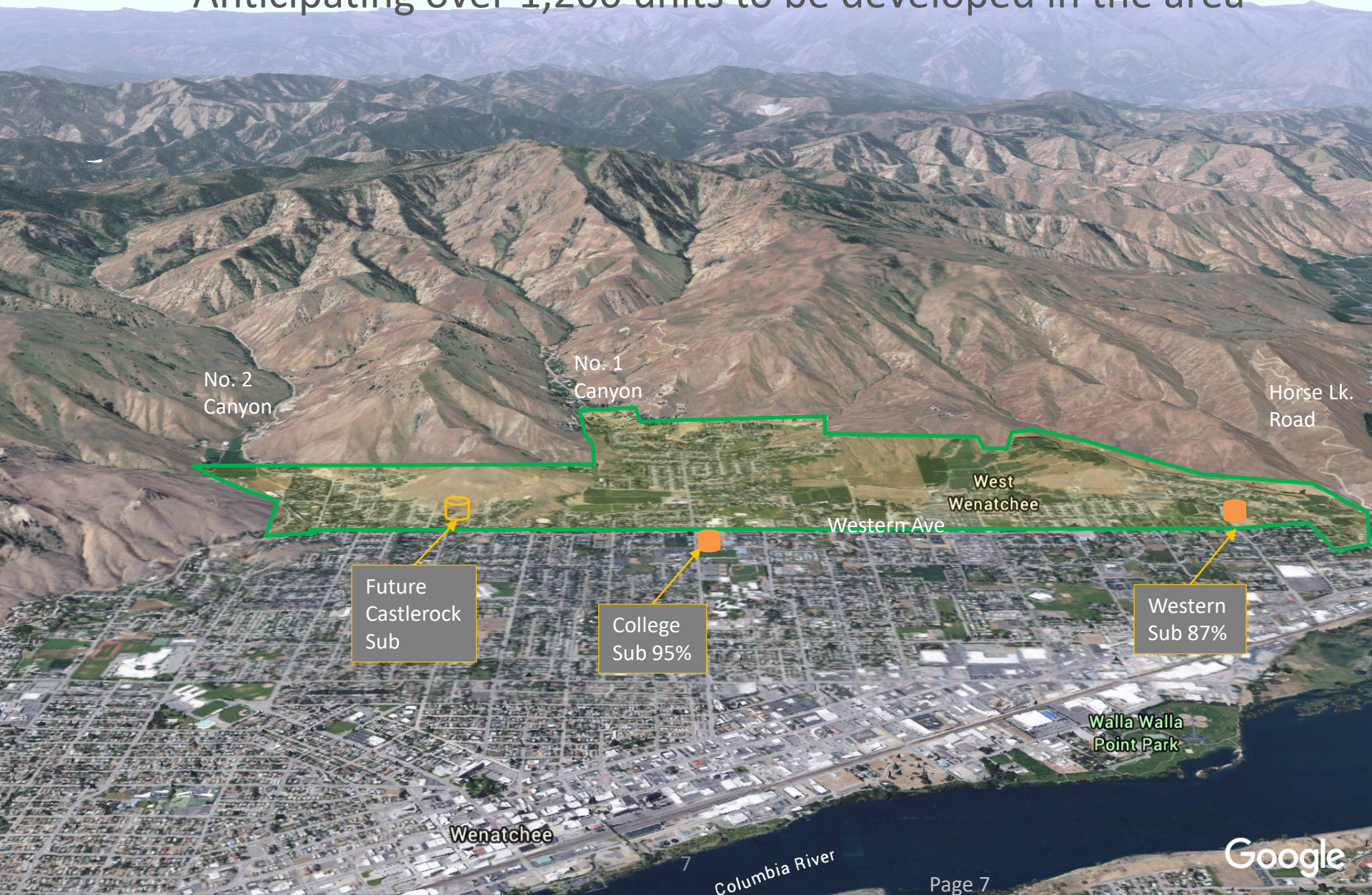
★ Cryptocurrency Expansion- Cashmere (Contracted)	2.0 MW	
84 unit apartment, - Red Apple Rd Wenatchee	0.5 MW	
★ 311 unit apartments, -Leavenworth & Wenatchee	0.9 MW	
Icicle Brewery – Leavenworth	0.3 MW	
★ Slide Waters Surf pool– Chelan (August)	3.0 MW	Peak Demand
★ Comfort Suites Hotel – Wenatchee – Olds Station	0.4 MW	
Fruit Storage – Chelan	1.0 MW	
Conf Health Parking Garage – Wenatchee	.15 MW	
★ Diamond Foundry – North Wenatchee	(500kW) 7.0 MW+	

## NEW PROJECTS RECEIVED SINCE Jan 1, 2019 :

Wenatchee Supportive Housing – Vue Dale Drive Inn: 64 apartments,	0.3 MW	
★ McKittrick Place LLC – 44 units:	0.1 MW	
Sleep Inn 195 East Penny Rd, 89 hotel rooms:	0.3 MW	
★ Port District Cashmere Mill:	0.5 MW	
Avid Hotel 1640 N Wenatchee Ave, 95 rooms:	0.3 MW	
My Place Hotel across from Riverside 9's, 64 rooms:	0.3 MW	
★ Lake Chelan Community Hospital:	0.5 MW	
River Park Hotel near Town Toyota Center, 125 room:	0.5 MW	Peak Demand
Molitor apartments Easy Street at School Street, 400 units plus commercial:	3.0 MW	
Cashmere Treetop Beta Hatch	0.4 MW	
★ Weidner Apartments Wenatchee 180 Units	1.0 MW	
Three Finger Condos & Sunset Marina Condos Chelan	0.5 MW	
Campbell's Apartments Chelan (21 units)	0.2 MW	
LocalTel Wenatchee City Hall (No app)	0.7 MW	

# City of Wenatchee Comp Plan...

Anticipating over 1,200 units to be developed in the area



Future  
Castlerock  
Sub

College  
Sub 95%

Western  
Sub 87%

# Electric requests by area

( 3 to 5 year view )

**Leavenworth area:**

Commercial	~ 1.0 MW
Residential Multi complex	~ 1.0 MW
Housing Developments	~ 0.35 MW
Recreation	~ 0.20 MW
Restaurant/Brewery	~ 0.30 MW

**2.85 MW**

**Chelan area:**

Recreation	~ 1.5 MW
Commercial/Ag.	~ 5.0 MW
Residential Developments	~ 3.0 MW

**9.5 MW**

**Cashmere area:**

HDL-Mining (previously approved)	~ 2.0 MW
Commercial	~ 1.5 MW

**3.5 MW**

**Entiat area:**

Residential	~ .10 MW
Commercial	~ .25 MW

**0.35 MW**

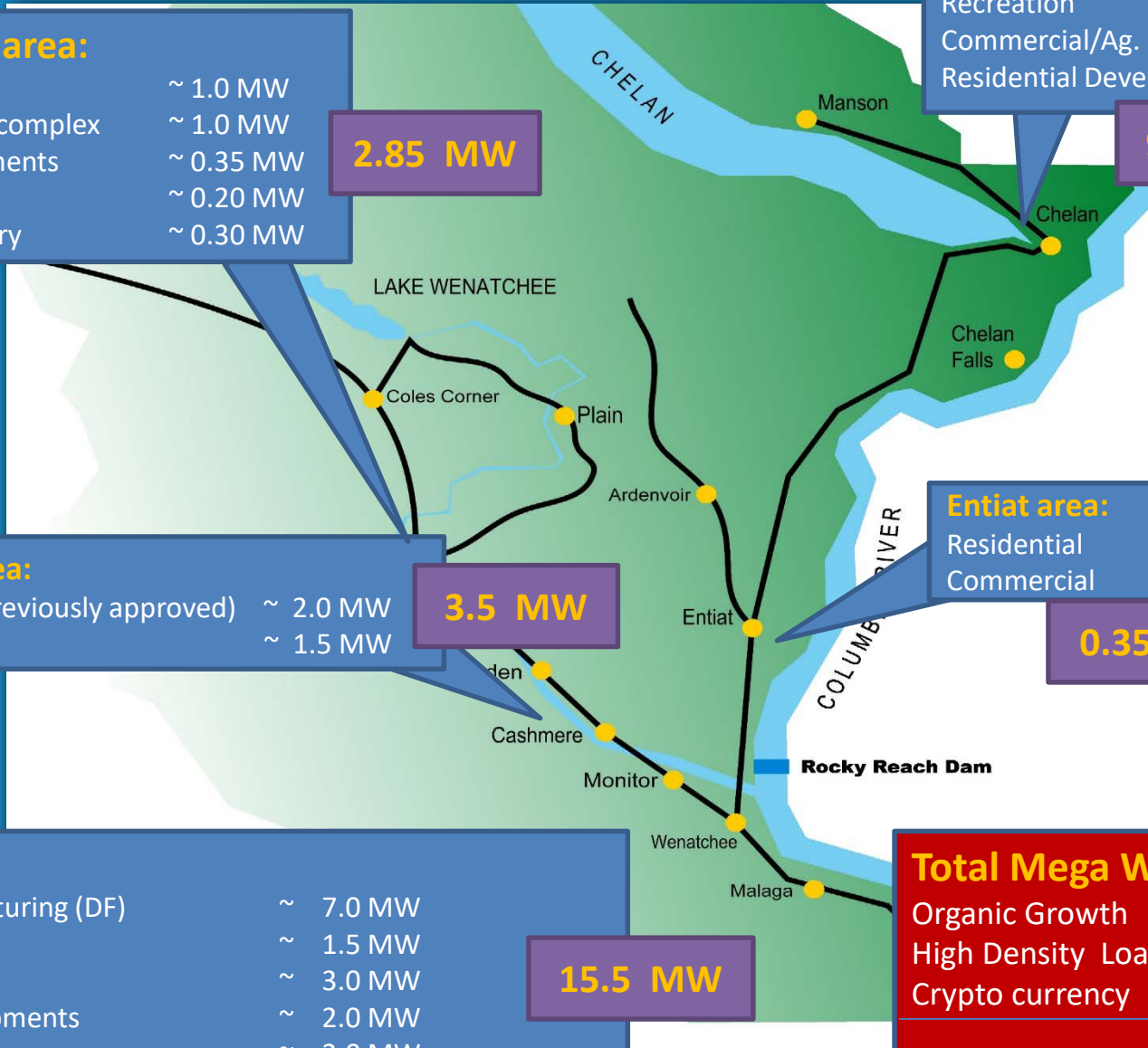
**Wenatchee area:**

High Tech Manufacturing (DF)	~ 7.0 MW
Ski / Recreation	~ 1.5 MW
Commercial	~ 3.0 MW
Residential Developments	~ 2.0 MW
Agriculture - Irrigation	~ 2.0 MW

**15.5 MW**

**Total Mega Watts <Peak Demand>**

Organic Growth	=	23 MW
High Density Load	=	7 MW
Crypto currency	=	2 MW
<hr/>		
Q1 & Q2 Actuals	=	~ 3 MW





# Action Items Q3 2019

- Cryptocurrency moratorium lifted April 1, 2019- working through a few inquiries- (no formal applications) **On Track**
- Continuing work on substation siting efforts **On Track**
- Progress on active customer lists as well as new project applicants **On Track**
- Continuous monitoring of load growth **On Track**
- Engaged with municipalities & County planning **On Track**
- Experiencing new load increases in Stehekin **Active**
- Evaluating emerging issues in Stehekin & potential actions- **Active**

# Summary

- Growth in electrical demand continuing upward
- Forecasting > 1,000 meter sets in 2019 (record high)
- Agency Comprehensive Plans under development (focus of housing)
- Diamond Foundry coming on-line
- New Substation property acquisition efforts continuing
- Growth in Stehekin forcing a look at future actions

Questions ???