

# Chelan County PUD

## 2017 Adopted Budget (\$000)

	Combined District	Integrated Electric	Fiber & Telecom	Water	Wastewater	Eliminations
Service Revenue	63,168	50,258	9,114	5,894	668	(2,766)
EP&T Net Wholesale	114,138	114,138	-	-	-	-
LT Hydro Contract	124,572	124,572	-	-	-	-
Other Wholesale Activity	(1,320)	(1,320)	-	-	-	-
Wholesale Energy Revenue	237,390	237,390	-	-	-	-
Other Revenue	20,886	21,874	1	60	2	(1,052)
	<b>321,444</b>	<b>309,522</b>	<b>9,116</b>	<b>5,953</b>	<b>670</b>	<b>(3,818)</b>
Other Operating Expenses	162,178	155,561	6,028	3,722	685	(3,818)
Taxes	7,895	7,220	34	628	13	-
Depreciation & Amortization	48,244	43,452	3,083	1,472	237	-
	218,317	206,232	9,144	5,822	936	(3,818)
<b>Operating Income/(Loss)</b>	<b>103,127</b>	<b>103,290</b>	<b>(29)</b>	<b>131</b>	<b>(266)</b>	<b>-</b>
Non Operating Activity	17,770	20,649	(2,302)	(489)	(87)	-
Interest Earnings	(8,015)	(7,748)	(153)	(68)	(45)	-
Interest Expense	26,736	26,700	-	37	-	-
Fair Market Value Change	27	42	(8)	(3)	(3)	-
Other Non Operating Activity	4,195	4,214	(11)	(7)	(1)	-
Capital Contributions	(5,173)	(4,658)	(30)	(447)	(38)	-
Intersystem Transfers/Adjustment	-	2,100	(2,100)	-	-	-
<b>Change in Net Postion</b>	<b>85,356</b>	<b>82,641</b>	<b>2,274</b>	<b>620</b>	<b>(179)</b>	<b>-</b>
<b>Capital Projects: Gross</b>	<b>95,088</b>	<b>89,620</b>	<b>3,935</b>	<b>1,116</b>	<b>418</b>	<b>-</b>
Less Capital Contributions	(4,604)	(4,089)	(30)	(447)	(38)	-
<b>Capital Projects: Net</b>	<b>90,484</b>	<b>85,531</b>	<b>3,905</b>	<b>669</b>	<b>380</b>	<b>-</b>
<b>Regulatory Assets</b>	<b>4,724</b>	<b>4,724</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Hydro License Obligations</b>	<b>767</b>	<b>767</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Operating Expenses</b>	<b>162,178</b>					
<b>Taxes</b>	<b>7,895</b>					
<b>Non-Operating (Inc)Exp</b>	<b>22,944</b>					
<b>Total Expenditures = OperExp + Taxes + NonOp +</b>						
<b>Net Capital + Regulatory Assets</b>	<b>288,992</b>					
<b>Net Debt Reduction</b>	<b>52,386</b>					
<b>Total Expenditures &amp; Net Debt Reduction</b>	<b>341,378</b>					

*Notes:*

- Purchased Power included in Net Wholesale
- Net Regulatory Assets is net of related Capital Contributions

**2017 Capital Projects  
Adopted Budget**

System	Discrete/ Recurring	Project#	Title	Current Project Budget	TP Chg: Curr vs Proposed Bud Total	Proposed Project Budget	2017
Electr Distribution	Discrete	DS140001	Hawley Street Crane Rehab	265,000		265,000	5,000
		DS140004	Bavarian Substation	772,000		772,000	420,000
		DS140005	N Shore Chelan Substatn	455,000		455,000	385,500
		DS150007	Transformer Load Tester	258,000		258,000	258,000
		DS160001	Distribution Vehicles-Major Eq	1,259,825	45,735	1,305,560	768,000
		DS160002	Recloser Tester	60,000		60,000	60,000
		DS160003	Line Locators	18,800	20,200	39,000	20,000
		DS160004	Plain Substation Site Improve	200,000		200,000	180,000
		DS170001	Fleet - Distribution		2,018,000	2,018,000	2,018,000
	Recurring	DS170002	NESC Imprv-Mission Creek FDT-134		950,000	950,000	950,000
		2XXX0100	UG Xfrmrs-Capital Purchases		604,000	604,000	604,000
		2XXX0200	OH Xfrmrs-Capital Purchases		400,000	400,000	400,000
		2XXX0300	Line Devices-Regulators		55,000	55,000	55,000
		DSLEPROJ	DS - Line Extensions		1,300,000	1,300,000	1,300,000
		DSXX0001	DS - Customer Services		1,500,000	1,500,000	1,500,000
		DSXX0002	DS - Electric Meters		250,000	250,000	250,000
		DSXX0003	DS-Undergrnd Cable Replacement		350,000	350,000	350,000
		DSXX0006	Substation Equip Replacements		475,000	475,000	475,000
		DSXX0007	Distribution Line Improvements		265,000	265,000	265,000
		DSXX0009	Substation Improvements		895,000	895,000	895,000
		DSXX0014	Elec Mandated Relocate		500,000	500,000	500,000
		DSXX0015	NESC Distribution Upgrades		1,000,000	1,000,000	1,000,000
		DSXX0018	TRS Structural Pole Replace DS		25,000	25,000	25,000
	DSXX0020	TRS Structural Pole Replc LCDR		115,000	115,000	115,000	
	DSXX0021	DS Pole Replacement		250,000	250,000	250,000	
	DSXX0022	Feeder Device/line replacements		50,000	50,000	50,000	
	System Forecast Adjustment						
<b>Electr Distribution Total</b>				<b>3,288,625</b>	<b>11,067,935</b>	<b>14,356,560</b>	<b>12,586,825</b>
Network Transmsn	Discrete	XT120005	N Mid C Transmission Project	3,339,000	906,300	4,245,300	485,000
		XT130021	AY-AC3 Fac Remediation	105,782		105,782	70,000
		XT130022	AC-SUM Fac Remediation	1,545,000		1,545,000	110,000
		XT140008	Mck-Bev White Pine Relocate	1,100,000		1,100,000	613,000
		XT150005	AYS - ACS 3 Relay Upgrade POTT	190,000		190,000	160,000
		XT150008	Sys Ops Video System	650,000	45,000	695,000	653,500
		XT160001	RRS 230KV Prot/SCADA Panel31	243,000		243,000	200,000
		XT160002	WNS 6-260 Breaker Replace	190,000		190,000	101,000
		XT160003	WNS 6-760 Breaker Replace	228,500		228,500	122,500
		XT160004	AY-AC 1&2 Relocate	2,415,000		2,415,000	1,090,000
		XT160006	HQ RTU Replace	127,600		127,600	117,600
	Recurring	XT170001	LEAV Undervoltage Mitigation		354,000	354,000	130,500
		XT170002	WNS 6-240 Breaker Replace		170,000	170,000	100,000
		XT170003	WNS 6-250 Breaker Replace		170,000	170,000	100,000
		XTXX0001	TRS Structural Pole Replc XT		260,000	260,000	260,000
		XTXX0004	WSDOT Clear Zone		150,000	150,000	150,000
System Forecast Adjustment							-577,515
<b>Network Transmsn Total</b>				<b>10,133,882</b>	<b>2,055,300</b>	<b>12,189,182</b>	<b>3,885,585</b>
Fiber & Telecom	Discrete	NW120006	Node Backup Generators	260,000		260,000	40,000
		NW160005	CT DC Power System	46,000		46,000	26,000
		NW170001	Fiber Vehicles		90,000	90,000	90,000
	Recurring	NWLEXXX7	Fiber Drops-Line Extensions		20,000	20,000	20,000
		NWXX0002	Franchise Fiber Relocates		25,000	25,000	25,000
		NWXX0003	Fiber District Relocates		25,000	25,000	25,000
		NWXX0010	Fiber Drops		448,750	448,750	448,750

System	Discrete/ Recurring	Project#	Title	Current Project Budget	TP Chg: Curr vs Proposed Bud Total	Proposed Project Budget	2017	
Fiber & Telecom	Recurring	NWXX0011	Fiber Devices		468,750	468,750	468,750	
		NWXX0012	Fiber Conduit Installation		10,000	10,000	10,000	
		NWXX0013	Fiber Infrastructure Systems		350,000	350,000	350,000	
		NWXX0014	Fiber Subdivisions		100,000	100,000	100,000	
		Fiber Expansion PPB System Forecast Adjustment			5,340,052	-54,089	5,285,963	2,536,908 -205,520
<b>Fiber &amp; Telecom Total</b>				<b>5,646,052</b>	<b>1,483,411</b>	<b>7,129,463</b>	<b>3,934,888</b>	
Water	Discrete Recurring	WR170001	Water Vehicles- Equipment		185,000	185,000	185,000	
		WRXX0001	WS - New Water Services		100,000	100,000	100,000	
		WRXX0002	WS - Customer Line Extensions		60,000	60,000	60,000	
		WRXX0003	WS - Water Main Replacements		710,000	710,000	710,000	
		WRXX0004	WS - Water Main Fire Hydrants		7,000	7,000	7,000	
		WRXX0005	Water Main Mandated Relocate		42,000	42,000	42,000	
		WRXX0006	Water Meters		32,000	32,000	32,000	
		WRXX0007	Water System Equipment		31,000	31,000	31,000	
System Forecast Adjustment						-51,000		
<b>Water Total</b>					<b>1,167,000</b>	<b>1,167,000</b>	<b>1,116,000</b>	
Wastewater	Discrete	SW120001	Lake Wenatchee Lagoon Liner	1,283,264		1,283,264	50,000	
		SW140001	Peshastin/Dryden WW Upgrade	500,000	150,000	650,000	350,000	
		Recurring	SWXX0001	New Sewer Svcs-Lake Wenatchee		35,000	35,000	35,000
			SWXX0002	New Sewer Svcs-Peshastin		3,000	3,000	3,000
System Forecast Adjustment						-20,000		
<b>Wastewater Total</b>				<b>1,783,264</b>	<b>188,000</b>	<b>1,971,264</b>	<b>418,000</b>	
Internal Services	Discrete	CAP170001	Fleet Shop Equipment		110,000	110,000	110,000	
		CAP170002	Facilities Upgrades		1,000,000	1,000,000	1,000,000	
		CAP170003	Hatchery Replacement/Upgrades		150,000	150,000	150,000	
		CAP170004	Security System Upgrades		800,000	800,000	500,000	
		IS120004	Telephone Switch Upgrade	600,000	1,221,000	1,821,000	1,528,307	
		IS130001	LMR Network Replacement	100,000	5,500,000	5,600,000	430,000	
		IS130002	Microwave Replacement	2,000,000	1,720,000	3,720,000	3,540,000	
		IS150001	Oper Rel CIPv5 PM Implement	750,000		750,000	75,000	
		IS150002	Security Infrastructure	1,840,000	361,092	2,201,092	1,790,000	
		IS150006	Dispatch Log	400,000		400,000	200,000	
		IS160002	CIS Upgrade	3,500,000	150,000	3,650,000	1,900,000	
		IS160011	Governance-Risk-Compliance SW	300,000	350,216	650,216	650,000	
		IS160012	Enterprise Search	298,000		298,000	133,000	
		IS160016	FCLW Warehouse Storage Racks	96,000		96,000	62,000	
		IS160018	CTC Meet Me Room	200,000		200,000	196,744	
		IS170001	Fleet - Shared			1,750,000	1,750,000	1,750,000
		IS170002	GIS Data Collector			8,800	8,800	8,800
		IS170003	Oracle Encryption/Security			250,000	250,000	250,000
		IS170004	Tape Library Server-Network			92,241	92,241	92,241
		IS170005	Bid Workflow			275,000	275,000	150,000
		IS170006	Enterprise Storage HW-SW			60,000	60,000	60,000
		IS170007	Server/Network Infrastructure			151,938	151,938	151,938
		IS170008	IT Software New Services			101,254	101,254	101,254
		IS170009	Security HW/SW			100,000	100,000	100,000
		IS170010	CM Power Quality Monitor			7,000	7,000	7,000
		IS170011	RR Haz/Whs/CM/Fleet Fire Alarm			91,000	91,000	91,000
		IS170012	CM Pwr System Simulator Test Set			65,000	65,000	65,000
IS170013	CM Comm System Analyzer			30,000	30,000	30,000		
IS170014	CM Network Analyzer			15,000	15,000	15,000		
IS170015	CM OTDR Fiber Optic Tester			15,000	15,000	15,000		
IS170016	CM DSX Quat OLTS Insp Kit			26,000	26,000	26,000		
IS170017	CM Dead Weight Tester			8,000	8,000	8,000		
System Forecast Adjustment							-759,315	
<b>Internal Services Total</b>				<b>10,084,000</b>	<b>14,408,540</b>	<b>24,492,540</b>	<b>14,426,968</b>	

System	Discrete/ Recurring	Project#	Title	Current Project Budget	TP Chg: Curr vs Proposed Bud Total	Proposed Project Budget	2017
Rocky Reach	Discrete	RR110005	RR HW Gantry Crane	6,285,754		6,285,754	2,570,000
		RR110010	RR C8-C11 Gen Protect Relays		40,000	40,000	20,000
		RR110012	RR C1-C11 Unit Ctrls Governor	5,063,117	120,418	5,183,535	465,000
		RR120004	RR Excitation Reg Replc C1-C11	4,508,217		4,508,217	440,000
		RR120006	RR Unit DFR Installation	766,200		766,200	51,000
		RR130004	RR Tran & SS Relay Replacement	343,415		343,415	25,000
		RR140001	RR Partial Discharge C8-C10	320,000		320,000	130,000
		RR140006	RR09b PKDG Imprv Shore	158,363		158,363	88,000
		RR160002	PKCF Boat Launch & Docks Repl	700,000	18,683	718,683	672,073
		RR160006	RR Bridge Cranes	5,400,000		5,400,000	4,200,000
		RR160008	RR C8 Head Cover	850,000	96,500	946,500	2,500
		RR160009	RR C9 Head Cover	850,000		850,000	416,800
		RR160010	RR C10 Head Cover	850,000		850,000	625,300
		RR160011	RR C11 Head Cover	850,000		850,000	656,900
		RR160013	RR C8 Cooling Wtr Supply	80,000		80,000	15,000
		RR170001	RR Vehicles & Equip		690,000	690,000	690,000
		RR170002	PKRR Trail Rpl Stairs		230,000	230,000	230,000
		RR170003	PKBB Boat Launch & Docks Repl		700,000	700,000	700,000
		RR170004	RR Generator Fire Protect Syst		5,500,000	5,500,000	1,635,000
		RR170005	RR Dam Deformation		372,000	372,000	97,000
		RR170006	RR Tailrace Buoy Placement		500,000	500,000	500,000
		RR170007	RR Fire Alarm System		1,115,000	1,115,000	1,115,000
		RR170008	RR C9 Cooling Wtr Supply		80,000	80,000	80,000
		RR170009	RR C11 Cooling Wtr Supply		80,000	80,000	80,000
		System Forecast Adjustment					
<b>Rocky Reach Total</b>				<b>27,025,066</b>	<b>9,542,601</b>	<b>36,567,667</b>	<b>13,178,887</b>
Rock Island	Discrete	RI0800B2	RI PH1 B-2 Stator Replacement	4,961,785		4,961,785	1,000
		RI080B09	RI PH1 Unit B9 Rehabilitation	26,000,000		26,000,000	1
		RI110001	RI PH1 Excitation Sys B1-B4	1,010,990		1,010,990	1
		RI110004	RI PH1 Govrnr DigCtrls B2	2,890,000		2,890,000	1
		RI110008	RI PH2 Excitation Sys U1-U8	2,196,799		2,196,799	138,000
		RI110009	RI PH2 Relays U1-U8	627,657	213,397	841,054	180,000
		RI110011	RI PH2 XFMR/Bus Pro Relays	240,000		240,000	25,000
		RI110012	RI PH2 MCM Install U1-U-8	1,100,000		1,100,000	26,000
		RI110013	RI PH2 Generator DFR	256,396		256,396	26,000
		RI110015	RI PH2 Gov Digtl Ctrls U1-U8	11,172,820		11,172,820	2,200,000
		RI110018	RI Spillway AG Controls	140,000		140,000	45,000
		RI130002	RI PH2 Unit MCC	2,040,000		2,040,000	1
		RI130006	RI Spillway NG Remote Cntrl	170,868	27,000	197,868	47,000
		RI130010	RI PH1 B1-B8 Gen Heat Detection	208,985	31,998	240,983	40,000
		RI130016	RI Site 45CH791 45CH302	570,000	278,583	848,583	352,651
		RI140002	RI PH1 B6 Modernization	27,100,000		27,100,000	11,000,000
		RI140003	RI PH2 Gantry Crane	1,285,000	1,289,000	2,574,000	1,022,000
		RI140004	RI PH2 Bridge Crane	1,720,000	1,150,000	2,870,000	1,126,000
		RI150003	RIFW Controls Upgrds	825,000		825,000	240,000
		RI150006	RI PH2 Gov Air Comp Replc	180,000		180,000	170,000
		RI160002	PKWC 50 Amp Service	983,000		983,000	611,000
		RI160011	PKWW Information Kiosk	48,000	500	48,500	48,000
		RI160013	RI 56 Shop New Shear	44,000	11,000	55,000	55,000
		RI160014	RI PH1 Dom Wtr Twr & Piping	1,996,000	257,000	2,253,000	2,121,000
		RI160015	RI PH1 B5 Modernization	31,300,000		31,300,000	6,200,000
		RI160016	RI PH1 B7 Modernization	31,300,000		31,300,000	12,000,000
		RI160017	RI PH1 B8 Modernization	31,300,000		31,300,000	3,700,000
		RI160021	HTTW PIT Tag Array	107,000		107,000	100,000
RI170001	RI Fleet Vehicles		138,000	138,000	138,000		
RI170002	PKWW Shoreline Stabilization		430,000	430,000	430,000		
RI170003	PKKB Parking Lot Replace		225,000	225,000	225,000		

System	Discrete/ Recurring	Project#	Title	Current Project Budget	TP Chg: Curr vs Proposed Bud Total	Proposed Project Budget	2017	
	Discrete	RI170004	PKWW Paving and Storage Bldg		300,000	300,000	300,000	
		RI170005	RI Dam Deformation		349,500	349,500	106,000	
		RI170006	RI PH1 Battery Rms HVAC		195,000	195,000	195,000	
		RI170007	RI PH1 Intake Gantry Repl		4,373,000	4,373,000	138,000	
		RI170008	RI PH1 Relocate Micro Antenna		105,500	105,500	105,500	
		RI170009	RI PH2 Storage Building		1,110,000	1,110,000	1,110,000	
		RI170010	RI PH1 B9-B10 Turbine Staging		102,000	102,000	102,000	
		RI170011	RI PH1 B1 Modernization		14,650,000	14,650,000	675,000	
		RI170012	RI PH1 B2 Modernization		14,520,000	14,520,000	675,000	
		RI170013	RI PH1 B3 Modernization		14,420,000	14,420,000	1,375,000	
		RI170014	RI PH1 B4 Modernization		16,410,000	16,410,000	4,575,000	
		RI170015	RI PH2 C14 Bldg Hoists		30,000	30,000	30,000	
		RI170016	RI PH2 Storage Bldg Crane		440,000	440,000	440,000	
		RI170017	RI PH2 Microwave Batt Replace		44,000	44,000	44,000	
		RI170018	RI Underwater Camera		40,000	40,000	40,000	
		<b>System Forecast Adjustment</b>						-7,734,924
<b>Rock Island Total</b>				<b>181,774,300</b>	<b>71,140,477</b>	<b>252,914,777</b>	<b>44,442,231</b>	
<b>Lake Chelan</b>	Discrete	LC160001	LC Dam Deformation	225,000		225,000	105,000	
		LC160002	LC Breaker Racking Device	25,000		25,000	25,000	
		LC170001	LC PH SS 11kv Breakers		670,000	670,000	670,000	
		LC170002	LC A1 11kv Breakers		161,000	161,000	161,000	
		LC170003	LC A2 11kv Breakers		162,000	162,000	162,000	
		LC170004	LC Fire Alarm System		170,000	170,000	170,000	
		<b>System Forecast Adjustment</b>						-193,950
<b>Lake Chelan Total</b>				<b>250,000</b>	<b>1,163,000</b>	<b>1,413,000</b>	<b>1,099,050</b>	
<b>TOTAL</b>				<b>239,985,189</b>	<b>112,216,264</b>	<b>352,201,453</b>	<b>95,088,434</b>	

<u>Gross Capital</u>	
Electr Distribution	12,586,825
Network Transmsn	3,885,585
Fiber & Telecom	3,934,888
Water	1,116,000
Wastewater	418,000
Internal Services	14,426,968
Rocky Reach	13,178,887
Rock Island	44,442,231
Lake Chelan	1,099,050
<b>Total Gross Capital</b>	<b>95,088,434</b>

<u>Customer Contributions</u>	
Electr Distribution	(2,865,000)
Network Transmsn	(613,000)
Fiber & Telecom	(30,000)
Water	(447,000)
Wastewater	(38,000)
Rock Island	(611,000)
<b>Total CIAC</b>	<b>(4,604,000)</b>

<u>Net Capital:</u>	
Electr Distribution	9,721,825
Network Transmsn	3,272,585
Fiber & Telecom	3,904,888
Water	669,000
Wastewater	380,000
Internal Services	14,426,968
Rocky Reach	13,178,887
Rock Island	43,831,231
Lake Chelan	1,099,050
<b>Total Net Capital</b>	<b>90,484,434</b>

Net Regulatory Assets	4,724,491
Make Available (LCRL-2536)	766,958