

# Chelan County Public Utility District No. 1

## 2018 Active Major Capital Projects

### Fourth Quarter

Project Name	Phase	Baseline Finish as of 1/1/18	Expected Finish	Finish Var. versus 1/1/18 Baseline	Budget as of 1/1/18	Current Approved Project Budget	Estimated Cost at Completion	Cost Variance Vs. Current Approved Project Budget	Forecast % to be Spent	Project Approval	Project Start	Comments
RR-CM Facilities Upgrade	Planning	TBD	TBD	TBD	\$ 41,518,973	\$ 41,518,973	\$ 41,518,973	\$ -	✓ 100%	Dec-17		General contractor has been awarded - design to begin
RI Facilities Upgrade	Planning	TBD	TBD	TBD	\$ 32,693,111	\$ 32,693,111	\$ 32,693,111	\$ -	✓ 100%	Dec-17	Dec-17	General contractor has been awarded - design 90% complete
RI PH1 B5 Modernization	Execution	Aug-21	May-22	✗ -273	\$ 31,300,000	\$ 31,300,000	\$ 31,300,000	\$ -	✓ 100%	Dec-15	Aug-16	Generator and turbine replacement. Revised schedule for PH1 modernizations presented to Board 11/5.
RI PH1 B7 Modernization	Execution	Mar-19	Nov-19	✗ -244	\$ 31,300,000	\$ 31,300,000	\$ 31,300,000	\$ -	✓ 100%	Jan-16	Jun-16	Generator and turbine replacement. Revised schedule for PH1 modernizations presented to Board 11/5.
RI PH1 B8 Modernization	Execution	Sep-22	Sep-22	✓	\$ 31,300,000	\$ 31,300,000	\$ 31,300,000	\$ -	✓ 100%	Jan-16	Sep-16	Generator and turbine replacement.
RI PH1 B4 Modernization	Execution	Feb-19	Aug-19	✗ -184	\$ 19,900,000	\$ 19,900,000	\$ 19,900,000	\$ -	✓ 100%	Dec-16	Jan-17	Turbine replcmnt, new governor hydraulic system, refurb rotor. Revised schedule for PH1 modernizations presented to Board 11/5.
RI PH1 B2 Modernization	Execution	Dec-19	May-21	✗ -517	\$ 16,450,000	\$ 16,450,000	\$ 16,450,000	\$ -	✓ 100%	Dec-16	Jan-17	Turbine replcmnt, new governor hydraulic system, refurb rotor. Revised schedule for PH1 modernizations presented to Board 11/5.
RI PH1 B3 Modernization	Execution	May-19	May-20	✗ -366	\$ 16,275,000	\$ 16,275,000	\$ 16,275,000	\$ -	✓ 100%	Dec-16	Jan-17	Turbine replcmnt, new governor hydraulic system, refurb rotor. Revised schedule for PH1 modernizations presented to Board 11/5.
RI PH1 B1 Modernization	Execution	Feb-20	Feb-22	✗ -731	\$ 15,415,000	\$ 15,415,000	\$ 15,415,000	\$ -	✓ 100%	Dec-16	Jan-17	Turbine replcmnt, new governor hydraulic system, refurb rotor. Revised schedule for PH1 modernizations presented to Board 11/5.
N Shore Chelan Substatn (Boyd)	Planning	Oct-20	Sep-21	✗ -335	\$ 2,750,000	\$ 2,540,000	\$ 8,900,000	\$ 6,360,000	✗ 350%	Dec-13	Feb-21	Work on large loads/cryptocurrency has delayed project timeline. Current budget includes design and procurement of long-lead equipment. Total project budget to be established following design. Variances discussed with Board in Q1 and Q2 reports.
Fiber Expansion Projects	Planning	Dec-26	Dec-26	✓	\$ 8,300,000	\$ 8,300,000	\$ 8,300,000	\$ -	✓ 100%	Apr-15	Jun-15	Progress continues on all designated tower zones with 2,642 premises passed through 2018.
CIS Upgrade	Execution	Jan-21	Jan-20	✓ 366	\$ 3,520,018	\$ 7,940,635	\$ 7,940,635	\$ -	✓ 100%	Dec-15		
Bavarian Substation	Planning	Sep-19	Sep-20	✗ -366	\$ 2,750,000	\$ 1,933,000	\$ 6,600,000	\$ 4,667,000	✗ 341%	Dec-13	Feb-20	Work on large loads/cryptocurrency has delayed project timeline. Current budget includes design and procurement of long-lead equipment. Total project budget to be established following design. Variances discussed with Board in Q1 and Q2 reports.
RI PH2 Storage Building	Execution	Sep-18	Jan-19	✗ -93	\$ 6,250,000	\$ 6,250,000	\$ 6,250,000	\$ -	✓ 100%	Dec-16	Jan-18	Scope change for site work delays completion date. Discussed with Board in Q1.
RI PH2 Gantry Crane	Planning	Mar-20	Jun-20	✗ -91	\$ 2,574,000	\$ 2,574,000	\$ 5,760,000	\$ 3,186,000	✗ 224%	Dec-13	Nov-16	Refurbish 1976 gantry crane with modern controls. Revised schedule and increased costs and scope presented to Board 10/15, revision included in 2019 budget.

# Chelan County Public Utility District No. 1

## 2018 Active Major Capital Projects

### Fourth Quarter

Project Name	Phase	Baseline Finish as of 1/1/18	Expected Finish	Finish Var. versus 1/1/18 Baseline	Budget as of 1/1/18	Current Approved Project Budget	Estimated Cost at Completion	Cost Variance Vs. Current Approved Project Budget	Forecast % to be Spent	Project Approval	Project Start	Comments
N Mid C Transmission Project	Planning	TBD	TBD		\$ 4,245,300	\$ 4,245,300	\$ 5,700,150	\$ 1,454,850	⊗ <b>134%</b>	Dec-11	Jul-13	Est. costs are based on preliminary design. Schedule extended significantly due to permitting. (Joint w/BPA, Douglas and Grant). <b>Updated cost estimate presented to Board 11/5, revision included in 2019 budget.</b>
LMR Network Replacement	Execution	Jul-19	Jul-19	✔	\$ 5,600,000	\$ 5,600,000	\$ 5,600,000	\$ -	✔ <b>100%</b>	Dec-12	Feb-15	Project moving forward as planned. Installation of infrastructure completed.
RR C1-C11 Unit Ctrls Governor	Execution	Dec-20	Dec-20	✔	\$ 5,183,535	\$ 5,183,535	\$ 5,183,535	\$ -	✔ <b>100%</b>	Dec-10	Jul-11	Replace existing digital governor controls
RI PH2 Bridge Crane	Planning	Nov-19	Sep-20	⊗ -305	\$ 2,909,009	\$ 2,909,009	\$ 4,960,000	\$ 2,050,991	⊗ <b>171%</b>	Dec-13	Nov-16	Refurbish 1976 bridge crane with modern controls. <b>Revised schedule and increased costs and scope presented to Board 10/15, revision included in 2019 budget.</b>
RR Excitation Reg Replc C1-C11	Execution	Nov-19	Nov-19	✔	\$ 4,508,217	\$ 4,508,217	\$ 4,508,217	\$ -	✔ <b>100%</b>	Dec-11	Jun-12	Replace excitation controllers.
RI PH1 Intake Gantry Repl	Planning	Feb-21	Feb-21	✔	\$ 4,373,000	\$ 4,373,000	\$ 4,373,000	\$ -	✔ <b>100%</b>	Dec-16		New gantry crane to replace 1932 crane.
Peshastin WW Upgrade	Planning	Mar-20	Mar-20	✔	\$ 2,000,000	\$ 4,100,000	\$ 4,100,000	\$ -	✔ <b>100%</b>	Dec-13		Budget revision approved by Board 5/14/18
Ohme Substation	Planning	Sep-19	Sep-19	✔	\$ 2,000,000	\$ 2,000,000	\$ 4,000,000	\$ 2,000,000	⊗ <b>200%</b>	Oct-17	Apr-19	Work on large loads/cryptocurrency has delayed project timeline. Current budget includes design and procurement of long-lead equipment. Total project budget to be established following design. <b>Budget variance discussed with Board in Q1 and Q2 reports.</b>
Microwave Network Replacement	Planning	Dec-18	Dec-18	✔	\$ 3,720,000	\$ 3,720,000	\$ 3,720,000	\$ -	✔ <b>100%</b>	Dec-13	Jan-15	Project complete and has moved into closeout phase.
Operations and Service Center	Planning	TBD	TBD		\$ 2,600,000	\$ 2,600,000	\$ 2,600,000	\$ -	✔ <b>100%</b>	Dec-17	TBD	Project delayed to allow for site selection
AY-AC 1&2 Relocate	Planning	TBD	TBD		\$ 2,415,000	\$ 2,415,000	\$ 2,415,000	\$ -	✔ <b>100%</b>	Dec-15		Reroute approximately one mile of two transmission lines.
Bandwidth Management Links	Planning	Dec-19	Dec-19	✔	\$ 2,200,000	\$ 2,200,000	\$ 2,200,000	\$ -	✔ <b>100%</b>	Dec-17		Project deferred to 2019.
RI PH2 Unit MCC	Execution	Jun-22	Jun-22	✔	\$ 2,040,000	\$ 2,040,000	\$ 2,040,000	\$ -	✔ <b>100%</b>	Dec-12	Aug-14	Replace Motor Control Centers at PH2

# Capital Projects

## Total Project Budget Revisions

Year: 2018

Project ID	Project Title	Tot Budget/ Annual Est	Q4 Revisions	Revised Project Total	Comments
2XX0100	UG Xfmrs-Capital Purchases	619,000	490,618	1,109,618	actual UG vs OH xfmrs needed in 2018; approved S. Wright 10/15/18, K. Boyd 1/14/19
2XX0200	OH Xfmrs-Capital Purchases	410,000	(136,468)	273,532	actual UG vs OH xfmrs needed in 2018; approved S. Wright 10/15/18, K. Boyd 1/14/20
2XX0300	Line Devices-Regulators	135,000	40,149	175,149	year-end labor loading of equipment purchases; approved by K. Boyd 1/14/19
DS140004	Bavarian Substation	2,408,000	(475,000)	1,933,000	transfer funds to line and customer services; approved by G. Carrington 12/24/18
DSL1801	Hawley Street Substation	-	50,000	50,000	new project for design of feeders/gateways Stemilt Hawley St sub;apprvd J Stoll 11/13/18
DSLEXX1	DS - Line Extensions	1,500,000	691,000	2,191,000	add funds to complete expected work this year; approved by G. Carrington 12/24/18
CIAC	DSLE Customer Contrib		(441,000)		customer contributions
DSXX0001	DS - Customer Services	1,300,000	360,000	1,660,000	add funds to complete expected work this year; approved by G. Carrington 12/24/18
CIAC	DS Customer Contrib		(310,000)		customer contributions
DSXX0002	DS - Electric Meters	250,000	20,701	270,701	year-end labor loading of equipment purchases; approved by K. Boyd 1/14/19
DSXX0003	DS-Undergrnd Cable Replacement	475,000	120,701	595,701	add budget to cover addtl costs replacing faulted cable; approved J. Stoll 11/13/18
DSXX0011	Elec Reconductor Upgrades	125,000	(20,701)	104,299	less needed than originally forecast; approved by Kelly Boyd 1/14/19
DSXX0015	NESC Distribution Upgrades	1,305,000	(473,000)	832,000	transfer funds to OH and UG transformer purchases, Conduit Install Fiber buildout; approved by G. Carrington 12/24/18, K. Boyd 1/14/19
DSXX0022	Feeder Device-Lines	125,000	75,000	200,000	add budget to complete feeder hardening project; approved J. Stoll 11/13/18
DSXX0023	Conduit Install Fiber BuildOut	100,000	58,000	158,000	Distribution share of conduit placement increased from the standard 25/75 to 60/40 split; approved by K. Boyd 1/14/19
SWXX0001	New Sewer Svcs-Lake Wenatchee	20,000	45,000	65,000	new connection greater than anticipated; approved J. Stoll 10/12/18
SWXX0002	New Sewer Svcs-Peshastin	3,000	25,000	28,000	new connection greater than anticipated; approved J. Stoll 10/12/18
CIAC	Sewer Customer Contrib		(70,000)		customer contributions
WRXX0001	WS - New Water Services	85,000	48,020	133,020	new connection greater than anticipated; approved J. Stoll 10/12/18
CIAC	Water Customer Contrib		(45,000)		customer contributions
WRXX0002	WS - Customer Line Extensions	60,000	(3,000)	57,000	new services true up; approved L. Mohns 12/31/2018
WRXX0003	WS - Water Main Replacements	480,000	(5,000)	475,000	adjust to offset new connection overage; approved J. Stoll 12/11/18
WRXX0005	Water Main Mandated Relocate	55,000	5,000	60,000	customer and mandated work running slightly higher; approved J. Stoll 12/11/18
	<b>Utility Services Net Subtotal:</b>		<b>50,020</b>		(Addition of Hawley St substation project was not offset by other reductions)
XT160001	RRS 230KV Prot/SCADA Panel31	243,000	25,000	268,000	2 additional expenses known only after start of project; approved by D. Nelson 12/5/18
XT170001	LEAV Undervoltage Mitigation	500,000	(25,000)	475,000	reduce budget to transfer to XT160001; approved by D. Nelson 12/5/18
	<b>Transmission Net Subtotal:</b>		<b>-</b>		
NW180003	Nokia Service Portal Express	350,000	(80,000)	270,000	costs less than forecast; approved by K. Boyd 1/15/19
NW180005	Fusion Equipment	180,000	(120,000)	60,000	reduce budget to transfer to NWLEXX7; approved M. Coleman 10/16/18
NWLEXX7	Fiber Drops-Line Extensions	20,000	145,000	165,000	add budget to accommodate large customer paid line ext; approved M. Coleman 10/16/18
NWXX0002	Franchise Fiber Relocates	25,000	(25,000)	-	adjust budget to close out PPB projects; approved M. Coleman 12/13/18
NWXX0010	Fiber Drops	700,000	152,000	852,000	add budgt to account for addition connections above forecast; apprvd by K. Boyd 1/15/19
NWXX0011	Fiber Devices	512,500	(73,029)	439,471	costs less than forecast; approved by K. Boyd 1/15/19
NWXX0012	Fiber Conduit Installation	105,000	95,000	200,000	add for installs on for 2 unanticipated Distribution projects; apprvd by K. Boyd 1/15/19
NWXX0013	Core System Upgrades	225,000	(50,000)	175,000	adjust budget to close out PPB projects; approved M. Coleman 12/13/18
NWXX0014	Fiber Subdivisions	77,500	(43,971)	33,529	add budget for slightly higher than forecasted amounts; approved by K. Boyd 1/15/19
	<b>Fiber &amp; Telecom Net Subtotal:</b>		<b>-</b>		
NW150006	PPB: Cashmere-FDT 091	88,855	(62,390)	26,465	close out PPB with 6/30 end date; approved M. Coleman 10/16/18
NW150008	PPB: Cashmere-FDT 093	8,512	(8,512)	-	close out PPB with 6/30 end date; approved M. Coleman 10/16/18
NW150009	PPB: Cashmere-FDT 095	27,993	(5,954)	22,039	close out PPB with 6/30 end date; approved M. Coleman 10/16/18

Project ID	Project Title	Tot Budget/ Annual Est	Q4 Revisions	Revised Project Total	Comments
NW150012	PPB: Cashmere-FDT 139	193,070	28,545	221,615	close out PPB with 6/30 end date; approved M. Coleman 10/16/18
NW170007	PPB: Cashmere-FDT 140	367,392	196,500	563,892	increasing tower zone due to unforeseen distribution costs; approved S. Wright 11/14/18
NW170012	PPB: Chelan-FDT 066	-	687	687	adding funds for minor overage; approved by J. Pickel 1/17/19
NW180013	PPB: Malaga FDT-111	398,048	(75,596)	322,452	transferred excess to new PON; approved M. Coleman 11/29/2018
NW180020	PPB Wenatchee FDT 068	-	59,618	59,618	new projects to accommodate design for 2019 zones; approved by M. Coleman 11/26/18
NW180021	PPB Entiat FDT 086	-	5,577	5,577	new projects to accommodate design for 2019 zones; approved by M. Coleman 11/26/18
NW180022	PPB Entiat FDT 087	-	19,646	19,646	new projects to accommodate design for 2019 zones; approved by M. Coleman 11/26/18
NW180023	PPB Entiat FDT 088	-	1,968	1,968	new projects to accommodate design for 2019 zones; approved by M. Coleman 11/26/18
NW180024	PPB Entiat FDT 089	-	9,821	9,821	new projects to accommodate design for 2019 zones; approved by M. Coleman 11/26/18
NW180025	PPB Chelan FDT 135	-	240,688	240,688	new projects to accommodate design for 2019 zones; approved by M. Coleman 11/26/18
NW180026	PPB Chelan FDT 137	-	8,138	8,138	new projects to accommodate design for 2019 zones; approved by M. Coleman 11/26/18
NW180027	PPB Entiat FDT 174	-	23,957	23,957	new projects to accommodate design for 2019 zones; approved by M. Coleman 11/26/18
NW180028	PPB Chelan FDT 182	-	13,493	13,493	new projects to accommodate design for 2019 zones; approved by M. Coleman 11/26/18
NW180029	PPB Wenatchee FDT 029	-	125,364	125,364	new project to allocate to new tower; approved M. Coleman 11/29/18
NW180030	PPB Malaga PON 112	-	75,596	75,596	new project due to capacity shortfall FDT 111; approved by M. Coleman 11/29/18
NWPB0001	PPB: Fiber Expansion	749,544	(657,146)	92,398	add budget to close out PPB projects; approved M. Coleman 10/16/18
<b>PPB Net Subtotal:</b>		-			
LC170001	LC PH SS 11kv Breakers	945,000	70,000	1,015,000	increased costs and shift of expected 2017/2018 spending; approved K. Boyd 11/15/18
RI180021	RI 56 Shop Air Compressor	-	30,000	30,000	new project RI Shop Air Compressor; approved by D. Nelson 10/30/18
<b>Hydros Net Subtotal:</b>			<b>100,000</b>		
IS180019	Salmonid Lamprey Electrofisher	-	10,780	10,780	new project Salmonid Lamprey Electrofisher; approved by F. Saberhagen 11/15/18
<b>Hatchery Project Net Subtotal:</b>			<b>10,780</b>		
NW170001	Fiber Vehicles	165,000	607	165,607	costs slightly higher than forecast; approved by F. Saberhagen 1/16/19
RI170001	RI Fleet Vehicles	223,000	17,630	240,630	additional vehicle upfitting costs incurred that weren't originally forecasted; approved by F. Saberhagen 1/16/19
<b>Fleet Net Subtotal:</b>			<b>18,237</b>		
IS180020	Ski Badger Comm Site	-	460,000	460,000	new project to purchase land, approved by BOC 10/15/18
<b>Facilities Net Subtotal:</b>			<b>460,000</b>		
IS150006	Dispatch Log	600,000	(9,914)	590,086	reduction to cover costs on IS180007; approved K. Boyd 1/3/19
IS180007	Server/Network Infrastructure	234,000	7,313	241,313	cost slightly over prior \$84,000 revision; approved by K. Boyd 1/3/19
IS180011	Core Network Switches	280,000	2,601	282,601	add funds for cost slightly over budget; approved by C. Kunz 1/2/19
<b>IT Net Subtotal:</b>			-		
<b>TOTAL RVNS</b>			<b>639,037</b>		

Utility Services Project Adjustments
Transmission Project Adjustments
Fiber Project Adjustments
Hydros Project Adjustments
Hatchery Project Adjustments
Fleet Project Adjustments
Facilities Project Adjustments
IT Project Adjustments

**Chelan County PUD - Active Contracts > \$1M**  
**(Service Agreements, Contracts & Bids)**

Board Approved with action this quarter.

Delegated Authority action during this quarter.

On Budget & Schedule  
Possible Adjustment Needed  
Adjustment Required

ID	#	Vendor Name	Contract Description	Start	End	Amount	Committed	Available	Status	Comments-Status
04-01	6327	ANDRITZ HYDRO CORP	3rd Unit (B6)	Dec 14	Sep 19	19,768,064	19,763,673	4,391	On Budget & Schedule	
04-01	6918	ANDRITZ HYDRO CORP	4th Unit (B7, new turbine components for 5th & 6th Units)	Jan 16	Apr 19	30,796,538	23,863,718	6,932,820	Possible Adjustment Needed	End date will be extended for completion
04-01	7762	ANDRITZ HYDRO CORP	5th Unit (B-5) - Items via FWO/CO 5-01	Feb 17	Aug 19	7,079,879	6,394,590	685,289	Possible Adjustment Needed	Delayed and working with contractor
04-01	7763	ANDRITZ HYDRO CORP	6th Unit (B-8) - Items via FWO/CO 6-01	Feb 17	Aug 20	7,689,615	5,786,359	1,903,257	Possible Adjustment Needed	Delayed and working with contractor
						<b>65,334,097</b>	<b>55,808,341</b>	<b>9,525,756</b>		
16-60	7894	ANDRITZ HYDRO CORP	Rock Island B1-B4 Generating Unit Modernization	May 17	Feb 20	47,439,680	47,439,680	0	On Budget & Schedule	
						<b>47,439,680</b>	<b>47,439,680</b>	<b>0</b>		
03-33	4093	NOKIA OF AMERICA CORPORATION	Alcatel - Non Stock Item Purchases	Apr 11	Dec 22	4,141,320	1,756,238	2,385,082	On Budget & Schedule	
03-33	4094	NOKIA OF AMERICA CORPORATION	Alcatel - Stock Item Purchases	Apr 11	Dec 22	10,152,597	6,855,108	3,297,490	On Budget & Schedule	
03-33	4660	NOKIA OF AMERICA CORPORATION	Alcatel - Hardware Maint-Support	Mar 12	Dec 22	4,046,364	4,028,690	17,674	On Budget & Schedule	
						<b>18,340,281</b>	<b>12,640,036</b>	<b>5,700,246</b>		
14-22	6624	VOITH HYDRO INC	SECOND UNIT C-9 Rocky Reach Turbine Repairs	Sep 15	Jul 19	5,118,409	2,692,185	2,426,224	On Budget & Schedule	C-9 Rocky Reach Turbine Repairs
14-22	8017	VOITH HYDRO INC	THIRD UNIT C-10 Rocky Reach Turbine Repairs	Aug 17	Sep 20	4,339,260	292,833	4,046,427	On Budget & Schedule	C-10 Rocky Reach Turbine Repairs
14-22	8279	VOITH HYDRO INC	FOURTH UNIT C-11 Rocky Reach Turbine Repairs	Dec 17	Nov 21	4,552,267	427,336	4,124,931	On Budget & Schedule	C-11 Rocky Reach Turbine Repairs
						<b>14,009,936</b>	<b>3,412,354</b>	<b>10,597,582</b>		
04-01B	2675	ANDRITZ HYDRO CORP	RI PH1 - 2nd Unit Rehabilitation	Jul 09	Jun 19	13,256,916	12,902,564	354,352	On Budget & Schedule	
						<b>13,256,916</b>	<b>12,902,564</b>	<b>354,352</b>		
18-117	8954	YAKAMA NATION-OFFICE	Funding Agreement with Yakima Nation for Coho project	Dec 18	Jan 33	9,693,324	1,097,472	8,595,851	On Budget & Schedule	Resolution 18-14268, 9/17/18
						<b>9,693,324</b>	<b>1,097,472</b>	<b>8,595,851</b>		
15-123	8560	DEPT FISH & WILDLIFE - WA STATE OF	TA 18, 2018 Eastbank Hatchery Operations	Feb 18	Mar 19	1,540,596	909,116	631,480	On Budget & Schedule	2018 Operating agreement
15-123	8563	DEPT FISH & WILDLIFE - WA STATE OF	TA 19, 2018 Chelan Hatchery Operations	Feb 18	Mar 19	541,726	419,265	122,461	On Budget & Schedule	2018 Operating agreement
15-123	8564	DEPT FISH & WILDLIFE - WA STATE OF	TA 20, 2018 Chelan Falls Acclimation Facility Operations	Feb 18	Mar 19	198,568	178,987	19,581	On Budget & Schedule	2018 Operating agreement
15-123	8565	DEPT FISH & WILDLIFE - WA STATE OF	TA 21, 2018 Chiwawa Hatchery Operations	Feb 18	Mar 19	304,602	221,317	83,285	On Budget & Schedule	2018 Operating agreement
15-123	8566	DEPT FISH & WILDLIFE - WA STATE OF	TA 22, 2018 Dryden Acclimation Facility Operations	Feb 18	Mar 19	78,564	53,450	25,114	On Budget & Schedule	2018 Operating agreement
15-123	8567	DEPT FISH & WILDLIFE - WA STATE OF	TA 23, 2018 Similkameen Acclimation Facility Operations	Feb 18	Mar 19	212,916	162,689	50,227	On Budget & Schedule	2018 Operating agreement
15-123	8568	DEPT FISH & WILDLIFE - WA STATE OF	TA 24, 2018 Columbia River Broodstock Collection	Mar 18	Mar 19	51,446	28,355	23,091	On Budget & Schedule	2018 Operating agreement
15-123	8569	DEPT FISH & WILDLIFE - WA STATE OF	TA 25, 2018 Wenatchee River Broodstock Collection	Mar 18	Mar 19	65,452	53,194	12,258	On Budget & Schedule	2018 Operating agreement
15-123	8570	DEPT FISH & WILDLIFE - WA STATE OF	TA 26, 2018 Chewuch Facility	Feb 18	Mar 19	40,063	34,336	5,727	On Budget & Schedule	2018 Operating agreement
						<b>3,033,933</b>	<b>2,060,710</b>	<b>973,223</b>		
15-65	7245	K&N ELECTRIC MOTORS INC	Rocky Reach Bridge Cranes Refurbishment	May 16	Jan 19	5,573,820	5,513,489	60,332	On Budget & Schedule	
						<b>5,573,820</b>	<b>5,513,489</b>	<b>60,332</b>		
11-06	4749	ALSTOM POWER INC	Programmable Logic Controls and System Programming Services	Jun 12	Dec 21	5,556,885	3,677,840	1,879,046	On Budget & Schedule	
						<b>5,556,885</b>	<b>3,677,840</b>	<b>1,879,046</b>		
17-50	8528	HARRIS CORPORATION	Digital Mobile Radio System Contract	Mar 18	Jun 19	4,793,857	3,238,942	1,554,915	On Budget & Schedule	Resolution 18-14224, 2/5/18
						<b>4,793,857</b>	<b>3,238,942</b>	<b>1,554,915</b>		
08-050	3146	ACCU-READ INC	Contract Meter Reader Services	Jan 10	May 19	4,758,211	4,627,078	131,134	On Budget & Schedule	
						<b>4,758,211</b>	<b>4,627,078</b>	<b>131,134</b>		
15-23	7784	ALSTOM POWER INC	(C-11) Fourth Unit, RR Stator Winding Replacement	Feb 17	May 19	4,190,732	3,802,673	388,059	On Budget & Schedule	
						<b>4,190,732</b>	<b>3,802,673</b>	<b>388,059</b>		
15-151	8145	TCF ARCHITECTURE PLLC	TA 6, Rock Island Dam Planned Facilities	Dec 17	Apr 19	951,000	901,668	49,332	On Budget & Schedule	
15-151	8386	TCF ARCHITECTURE PLLC	TA 7, Long Term Strategic Facilities Plan - Downtown HQ	Feb 16	Jul 19	287,185	204,895	82,290	On Budget & Schedule	
15-151	8708	TCF ARCHITECTURE PLLC	TA 8, Rock Island Support Facilities Final Design	Jun 18	Jan 20	1,837,262	1,013,282	823,980	On Budget & Schedule	
15-151	8782	TCF ARCHITECTURE PLLC	TA 9, Rocky Reach Support Facilities Preliminary Design	Aug 18	Aug 19	303,937	131,188	172,749	On Budget & Schedule	

**Chelan County PUD - Active Contracts > \$1M**  
**(Service Agreements, Contracts & Bids)**

Board Approved with action this quarter.

Delegated Authority action during this quarter.

On Budget & Schedule  
Possible Adjustment Needed  
Adjustment Required

ID	#	Vendor Name	Contract Description	Start	End	Amount	Committed	Available	Status	Comments-Status
15-151	8786	TCF ARCHITECTURE PLLC	TA 10, Rocky Reach Visitor Center Predesign	Aug 18	Apr 19	132,880	55,447	77,433		
15-151	8930	TCF ARCHITECTURE PLLC	TA 11, New Operations - Customer Service and Administrative Center	Dec 18	Aug 19	514,875	0	514,875		New Operations - Customer Service and Administrative Center
						<b>4,027,139</b>	<b>2,306,480</b>	<b>1,720,659</b>		
17-201	8573	BLUE HERON CONSULTING CORPORATION	Oracle C2M Implementation - Result from RFP 16-42	Apr 18	Nov 19	3,963,488	1,912,336	2,051,152		Resolution 18-14230, 3/19/18
						<b>3,963,488</b>	<b>1,912,336</b>	<b>2,051,152</b>		
17-53	8387	HALME BUILDERS INC	Rock Island Storage Building	Jan 18	Jan 19	3,346,182	3,287,092	59,090		Resolution 17-14208, 12/4/17
						<b>3,346,182</b>	<b>3,287,092</b>	<b>59,090</b>		
18-64	8846	STRIDER CONSTRUCTION COMPANY INC	Negotiated Contract for Peshastin Wastewater Treatment Facility Improvements	Oct 18	Feb 20	3,096,300	615,157	2,481,144		Resolution 18-14255 8/6/18
						<b>3,096,300</b>	<b>615,157</b>	<b>2,481,144</b>		
16-53	7262	ANDRITZ HYDRO CORP	RR Units C-8 Through C-11 Headcover Fabrication	Jul 16	Dec 20	3,041,386	2,825,815	215,570		
						<b>3,041,386</b>	<b>2,825,815</b>	<b>215,570</b>		
17-100	8255	ALLIED UNIVERSAL SECURITY SER	District Unarmed Security Services	Dec 17	Dec 20	3,000,000	871,910	2,128,090		Three year agreement for security
						<b>3,000,000</b>	<b>871,910</b>	<b>2,128,090</b>		
17-78	8385	KEMP WEST INC	2018-2020 District Tree Trimming	Jan 18	Feb 20	2,733,782	1,564,006	1,169,776		
						<b>2,733,782</b>	<b>1,564,006</b>	<b>1,169,776</b>		
15-30	6573	COLEMAN OIL COMPANY	District Unleaded and Diesel Fuel Supply	Jul 15	Jul 19	2,695,478	2,437,763	257,715		
						<b>2,695,478</b>	<b>2,437,763</b>	<b>257,715</b>		
17-002	7765	SAPERE CONSULTING INC	TA 1, 2017 Generation and Transmission Management Consulting Support	Feb 17	Jan 20	225,000	142,417	82,583		
17-002	7782	SAPERE CONSULTING INC	TA 3, 2017 Consulting Services for Natural Resources	Feb 17	Jan 20	185,000	130,034	54,966		
17-002	7848	SAPERE CONSULTING INC	TA 4, 2017 Natural Resources Strategic Planning Support	Apr 17	Jan 20	55,000	15,592	39,408		
17-002	7849	SAPERE CONSULTING INC	TA 6, 2017 Climate Adaptation Strategic Planning	Apr 17	Jan 20	105,000	69,789	35,211		
17-002	8001	SAPERE CONSULTING INC	TA 9, Rocky Reach Unit Dynamics	Aug 17	Jan 20	341,400	255,091	86,309		
17-002	8058	SAPERE CONSULTING INC	TA 11, 2017 Tribal Strategy Development	Sep 17	Jan 19	12,610	12,610	0		
17-002	8122	SAPERE CONSULTING INC	TA 13, Business Requirements & Project Execution Plan	Feb 17	Feb 20	1,130,000	451,238	678,762		
17-002	8381	SAPERE CONSULTING INC	TA 14 Data Analytics Platfrom Implementation	Feb 17	Jan 20	487,000	298,040	188,960		
17-002	8819	SAPERE CONSULTING INC	TA 17, RI B9 & B10 Oil Seal Temperature Data Analysis	Sep 18	Jan 19	50,000	49,878	123		RI B9 & B10 Oil Seal Temp Data Analysis
						<b>2,591,010</b>	<b>1,424,688</b>	<b>1,166,322</b>		
17-64	8894	THYSSEN KRUPP ELEVATOR	District Elevator Modernizations via NCPA Contract 02-43	Nov 18	Dec 20	2,473,034	0	2,473,034		Elevator modernizations at RR (4), RI (4) and HO (1)
						<b>2,473,034</b>	<b>0</b>	<b>2,473,034</b>		
16-93	7899	ERMCO-HEES	Supply of Overhead and Underground Transformers	May 17	Jan 20	2,308,515	1,992,857	315,658		
						<b>2,308,515</b>	<b>1,992,857</b>	<b>315,658</b>		
15-208	7035	STANTEC CONSULTING SERVICES INC	TA 1, Project Administration	Feb 16	Jan 21	422,666	294,648	128,018		
15-208	7037	STANTEC CONSULTING SERVICES INC	TA 4, Rock Island PH 1 B5 to B8 Rehabilitation Support	Feb 16	Jan 21	240,000	16,286	223,715		
15-208	7038	STANTEC CONSULTING SERVICES INC	TA 5, Rocky Reach C8 to C11 Turbine Repair Support	Feb 16	Jan 21	50,000	4,505	45,496		
15-208	7039	STANTEC CONSULTING SERVICES INC	TA 6, Rocky Reach C8 to C11 Generator Support	Feb 16	Jan 21	10,000	2,442	7,558		
15-208	7040	STANTEC CONSULTING SERVICES INC	TA 7, System and Protection Relaying Engineering Support	Feb 16	Jan 21	100,000	90,940	9,060		
15-208	7322	STANTEC CONSULTING SERVICES INC	TA 20, Rock Island PH 2 - Engineering Support	Aug 16	Jan 21	425,000	424,931	69		
15-208	7447	STANTEC CONSULTING SERVICES INC	TA 22, Fire Detection & Alarm System Imprvmnts Design	Nov 16	Jan 19	315,000	111,325	203,675		
15-208	7897	STANTEC CONSULTING SERVICES INC	TA 24, Rocky Reach Septic System Redesign	May 17	Jan 19	50,661	50,661	0		
15-208	7922	STANTEC CONSULTING SERVICES INC	TA 27, LC Hydroelectric Project Surge Tank Rehab	Jun 17	Feb 19	73,313	73,107	205		



**Chelan County PUD - Active Contracts > \$1M**  
**(Service Agreements, Contracts & Bids)**

Board Approved with action this quarter.  
 Delegated Authority action during this quarter.

On Budget & Schedule  
 Possible Adjustment Needed  
 Adjustment Required

ID	#	Vendor Name	Contract Description	Start	End	Amount	Committed	Available	Status	Comments-Status
15-208	8125	STANTEC CONSULTING SERVICES INC	TA 30, Rock Island PH 1 Head Gates Cover Supports	Dec-17	Jan 21	121,000	110,413	10,587	On Budget & Schedule	
15-208	8126	STANTEC CONSULTING SERVICES INC	TA 31, Generating Unit Modeling and Protection Training	Nov-17	Dec 19	200,000	126,350	73,650	On Budget & Schedule	
15-208	8149	STANTEC CONSULTING SERVICES INC	TA 32, Rock Island PH 1 B1-B4 Rehabilitation Support	Dec-17	Jan 21	150,000	103,813	46,188	On Budget & Schedule	
						<b>2,157,639</b>	<b>1,409,419</b>	<b>748,220</b>		
18-08	8575	MOE ASPHALT PATCHING & SEAL COATING INC	District Wide Unit Price Asphalt/Concrete Maintenance	Apr 18	May 20	2,153,715	759,856	1,393,859	On Budget & Schedule	Asphalt/Concrete Maintenance
						<b>2,153,715</b>	<b>759,856</b>	<b>1,393,859</b>		
09-146	3530	ORACLE AMERICA INC-SAN FRANCISCO	PeopleSoft Annual Support & Maintenance	Jul 10	May 19	2,039,638	1,982,229	57,409	On Budget & Schedule	
						<b>2,039,638</b>	<b>1,982,229</b>	<b>57,409</b>		
15-112	6546	PUD NO 1 OF DOUGLAS COUNTY	Chelan-Douglas Methow Hatchery Interlocal Agreement	Jul 15	Dec 28	1,969,609	1,969,609	0	On Budget & Schedule	
						<b>1,969,609</b>	<b>1,969,609</b>	<b>0</b>		
11-32	4800	GE ENERGY CONTROL SOLUTIONS INC	Pilot Exciter/Voltage Regulator PH 1 and 2 @RI	Aug 12	Dec 19	1,841,717	1,661,201	180,516	On Budget & Schedule	
						<b>1,841,717</b>	<b>1,661,201</b>	<b>180,516</b>		
16-81	7630	RAYFIELD BROS EXCAVATION INC	2017 Excavation Services, Unit Prices contract	Dec 16	Dec 19	1,773,383	1,051,649	721,734	On Budget & Schedule	
						<b>1,773,383</b>	<b>1,051,649</b>	<b>721,734</b>		
18-09	8794	HURST CONSTRUCTION-OFFICE	Rock Island Hydro Site Utility Improvements	Aug 18	Mar 19	1,744,236	1,107,223	637,014	On Budget & Schedule	Bid awarded 7/19/2018
						<b>1,744,236</b>	<b>1,107,223</b>	<b>637,014</b>		
09-191	3407	DEPT FISH & WILDLIFE - WA STATE OF-HABITAT MGT DIVISION	WDFW Contract No. 09-1725 Payment Agreement	Jan 10	Dec 20	1,715,651	220,051	1,495,600	On Budget & Schedule	10 Year amount
						<b>1,715,651</b>	<b>220,051</b>	<b>1,495,600</b>		
11-157	8099	OKANAGAN NATION AQUATIC ENTERPRISES LTD	SA 11-157 BY 17 #674	Oct 17	Oct 19	809,322	443,488	365,834	On Budget & Schedule	Skaha Hatchery two year rearing cycle.
11-157	8775	OKANAGAN NATION AQUATIC ENTERPRISES LTD	SA 11-157 BY 18 #700	Aug 18	Oct 20	828,294	126,386	701,908	On Budget & Schedule	Skaha Hatchery two year rearing cycle.
						<b>1,637,616</b>	<b>569,874</b>	<b>1,067,742</b>		
17-48	8926	NOKIA OF AMERICA CORPORATION	Microwave Network Replacement via NASPO Contract 05715	Dec 18	Apr 19	1,470,860	1,470,860	0	On Budget & Schedule	Microwave Network Replacement
						<b>1,470,860</b>	<b>1,470,860</b>	<b>0</b>		
16-104	7633	BQS BRAZIL QUALITY SERVICES LTDA	TA 4, Rock Island B5-B8	Dec 16	Jan 22	502,345	387,867	114,478	On Budget & Schedule	
16-104	7770	BQS BRAZIL QUALITY SERVICES LTDA	TA 3, Rocky Reach Units C8-C11	Feb 17	Jan 21	350,000	90,138	259,862	On Budget & Schedule	
16-104	8055	BQS BRAZIL QUALITY SERVICES LTDA	TA 5, RI B1-B4 Manufacturing Inspections	Oct-17	Jan 20	550,000	460,954	89,046	On Budget & Schedule	
						<b>1,402,345</b>	<b>938,960</b>	<b>463,385</b>		
18-37	8772	MICHELS CORP-WISCONSIN	Chelan County LED Streetlight Conversion	Jul 18	Feb 19	1,314,093	774,597	539,496	On Budget & Schedule	
						<b>1,314,093</b>	<b>774,597</b>	<b>539,496</b>		
13-028	5035	NOANET	Network Operation Center Services	Jan 13	Jul 19	1,208,550	1,076,634	131,916	On Budget & Schedule	
						<b>1,208,550</b>	<b>1,076,634</b>	<b>131,916</b>		
17-173	8445	STANTEC CONSULTING SERVICES INC	TA 1, Rock Island PH 2 Rehabilitation Technical Specification Development	Feb 18	Oct 19	475,000	285,136	189,864	On Budget & Schedule	
17-173	8513	STANTEC CONSULTING SERVICES INC	TA 2, Rock Island PH 2 Rehabilitation Logistics Study	Mar 18	Mar 19	284,000	126,162	157,838	On Budget & Schedule	
17-173	8514	STANTEC CONSULTING SERVICES INC	TA 3, Rock Island PH 2 Engineering Support	Mar 18	Jan 21	400,000	179,503	220,497	On Budget & Schedule	
						<b>1,159,000</b>	<b>590,801</b>	<b>568,199</b>		
16-012	7493	DEPT FISH & WILDLIFE - WA STATE OF-HABITAT MGT DIVISION	Rocky Reach Wildlife Habitat 2016-2020	Dec 16	Feb 22	1,103,472	831,123	272,349	On Budget & Schedule	2nd 5-year plan, RR wildlife habitat mitigation
						<b>1,103,472</b>	<b>831,123</b>	<b>272,349</b>		
16-106	8472	ENABLON NORTH AMERICA CORP	GRC Software System, Implementation, and Support	Feb 18	Jun 19	1,089,861	462,782	627,079	On Budget & Schedule	
						<b>1,089,861</b>	<b>462,782</b>	<b>627,079</b>		

**Chelan County PUD - Active Contracts > \$1M**  
**(Service Agreements, Contracts & Bids)**

Board Approved with action this quarter.  
 Delegated Authority action during this quarter.

On Budget & Schedule  
 Possible Adjustment Needed  
 Adjustment Required

ID	#	Vendor Name	Contract Description	Start	End	Amount	Committed	Available	Status	Comments-Status
18-065	8977	PEER TECHNICAL GROUP LLC	PCA 01, JC Blankenship (EPM)	Dec 18	Jan 20	10,000	0	10,000	On Budget & Schedule	
18-065	8978	PEER TECHNICAL GROUP LLC	PCA 02, Gordon Boon (EPM)	Dec 18	Jan 20	40,000	0	40,000	On Budget & Schedule	
18-065	8979	PEER TECHNICAL GROUP LLC	PCA 03, Kim Brahs (RI)	Dec 18	Jan 20	125,000	125,000	0	On Budget & Schedule	
18-065	8980	PEER TECHNICAL GROUP LLC	PCA 04, Debra Bryant (Legal)	Dec 18	Jan 20	50,000	50,000	0	On Budget & Schedule	
18-065	8982	PEER TECHNICAL GROUP LLC	PCA 05, Debra Bryant (PCS)	Dec 18	Jan 20	15,000	15,000	0	On Budget & Schedule	
18-065	8984	PEER TECHNICAL GROUP LLC	PCA 06, Ivan Cain (RR/LC)	Dec 18	Jan 20	10,000	0	10,000	On Budget & Schedule	
18-065	8985	PEER TECHNICAL GROUP LLC	PCA 07, Denny Clark	Dec 18	Jan 20	85,000	0	85,000	On Budget & Schedule	
18-065	8986	PEER TECHNICAL GROUP LLC	PCA 08, Nick Cooper (RR/LC)	Dec 18	Jan 20	90,000	5,135	84,865	On Budget & Schedule	
18-065	8987	PEER TECHNICAL GROUP LLC	PCA 09, Jesse Fulwiler (RI)	Dec 18	Jan 20	60,000	60,000	0	On Budget & Schedule	
18-065	8988	PEER TECHNICAL GROUP LLC	PCA 10, Wayne Graevell	Dec 18	Jan 20	100,000	0	100,000	On Budget & Schedule	
18-065	8989	PEER TECHNICAL GROUP LLC	PCA 11, Jeff Life (RR/LC)	Dec 18	Jan 20	50,000	0	50,000	On Budget & Schedule	
18-065	8990	PEER TECHNICAL GROUP LLC	PCA 12, Matt Lawson (RR/LC)	Dec 18	Jan 20	30,000	2,599	27,402	On Budget & Schedule	
18-065	8991	PEER TECHNICAL GROUP LLC	PCA 13, Mike Kerns (EPM)	Dec 18	Jan 20	10,000	0	10,000	On Budget & Schedule	
18-065	8992	PEER TECHNICAL GROUP LLC	PCA 14, Wendy Monette	Dec 18	Jan 20	50,000	50,000	0	On Budget & Schedule	
18-065	8993	PEER TECHNICAL GROUP LLC	PCA 15, George Rapozo (EPM)	Dec 18	Jan 20	40,000	0	40,000	On Budget & Schedule	
18-065	8994	PEER TECHNICAL GROUP LLC	PCA 16, Allen Retasket (RI)	Dec 18	Jan 20	60,000	60,000	0	On Budget & Schedule	
18-065	8998	PEER TECHNICAL GROUP LLC	PCA 17, Erin Roberts	Dec 18	Jan 20	54,000	54,000	0	On Budget & Schedule	
18-065	8999	PEER TECHNICAL GROUP LLC	PCA 18, Melissa Schwab	Dec 18	Jan 20	80,000	80,000	0	On Budget & Schedule	
18-065	9000	PEER TECHNICAL GROUP LLC	PCA 19, Greg Smelser (RI)	Dec 18	Jan 20	60,000	0	60,000	On Budget & Schedule	
18-065	9001	PEER TECHNICAL GROUP LLC	PCA 20, Rod Stanton (RI)	Dec 18	Jan 20	60,000	60,000	0	On Budget & Schedule	
18-065	9002	PEER TECHNICAL GROUP LLC	PCA 21, Jeff Life (EPM)	Dec 18	Jan 20	10,000	0	10,000	On Budget & Schedule	
						<b>1,089,000</b>	<b>561,734</b>	<b>527,266</b>		Resolution 18-14281, 11/5/18
14-053	5825	XEROX CORP-CHICAGO	5 yr lease Agmt for District's Multi-Functional Copying Devices and Service	May 14	Apr 19	495,554	450,551	45,003	On Budget & Schedule	
14-053	5826	XEROX CORP-CHICAGO	Five year lease for Production Equipment and Maintenance	May 14	Apr 19	560,520	551,242	9,278	On Budget & Schedule	
						<b>1,056,074</b>	<b>1,001,793</b>	<b>54,281</b>		
12-49	5125	HITACHI T&D SOLUTIONS INC	Procurement of High Voltage Circuit Breakers	Jan 13	Dec 21	1,055,825	768,713	287,112	On Budget & Schedule	
						<b>1,055,825</b>	<b>768,713</b>	<b>287,112</b>		



**Labor and Material Contracts with Board of Commissioners' Approval to Negotiate an Agreement  
Active for the Period of October 1, 2018 through December 31, 2018**

Resolution Number	Resolution Date	Project Year	Contract Number	Name of Project	Status	Awarded To	Negotiated Amount	Contact Estimate	Estimated Completion Date	Project Manager	Contract Specialist
18-14255	8/6/2018	2018	18-64	Contract for Peshastin Wastewater Treatment Facility Improvements	New	Strider Construction	\$ 3,096,300.00	\$ 2,300,000.00	12/26/2019	David Lodge	Alex Burkhard