

Chelan County Public Utility District No. 1
2016 Active Major Capital Projects
Second Quarter

Project Name	Phase	Baseline Finish as of 1/1/16	Expected Finish	Finish Var. versus 1/1/16 Baseline	Budget as of 1/1/16	Current Approved Project Budget	Estimated Cost at Completion	Cost Variance Vs. Current Approved Project Budget	Forecast % to be Spent	Project Approval	Project Start	Comments
RI PH1 B5 Modernization	Planning	Dec-18	Dec-18	✓	\$ 23,800,000	\$ 31,300,000	\$ 31,300,000	\$ -	✓ 100%	Dec-15		Generator and turbine replacement.
RI PH1 B7 Modernization	Planning	Dec-19	Dec-19	✓	\$ -	\$ 31,300,000	\$ 31,300,000	\$ -	✓ 100%	Jan-16	Jun-16	Generator and turbine replacement.
RI PH1 B8 Modernization	Planning	Dec-20	Dec-20	✓	\$ -	\$ 31,300,000	\$ 31,300,000	\$ -	✓ 100%	Jan-16		Generator and turbine replacement.
RI PH1 B6 Modernization	Execution	Jun-17	Jun-17	✓ 2	\$ 23,800,000	\$ 27,100,000	\$ 27,100,000	\$ -	✓ 100%	Dec-13	Feb-14	Generator and turbine replacement.
RI PH2 Gov Digtl Ctrls U1-U8	Execution	Jul-18	Feb-18	✓ 172	\$ 11,172,820	\$ 11,172,820	\$ 11,172,820	\$ (0)	✓ 100%	Dec-10	Jul-11	Replace U1 to U8 governor and Unit controls and related mechanical equipment.
RR09e3 Entiat Park Upgrades	Execution	Jan-17	May-17	✗ -119	\$ 7,372,913	\$ 7,372,913	\$ 7,296,605	\$ (76,308)	✓ 99%	Dec-09	Aug-10	Park re-opened in May. Work on additional park amenities will continue into 2017.
RR HW Gantry Crane	Execution	Mar-17	Mar-17	✓	\$ 6,285,754	\$ 6,285,754	\$ 6,285,754	\$ (0)	✓ 100%	Dec-10	Dec-13	Replace existing crane.
RR Bridge Cranes	Execution	Jul-17	Jul-17	✓	\$ 4,000,000	\$ 5,400,000	\$ 5,400,000	\$ -	✓ 100%	Dec-15	Jan-16	\$1.4M budget increase approved.
BPON to GPON Upgrade	Execution	Apr-17	Oct-16	✓ 168	\$ 5,123,000	\$ 5,123,000	\$ 4,500,000	\$ (623,000)	✓ 88%	Dec-12	Oct-14	In execution stage. Expected completion date moved up to Q4 of 2016.
RR C1-C11 Unit Ctrls Governor	Execution	Dec-20	Dec-20	✓	\$ 5,063,117	\$ 5,063,117	\$ 5,063,117	\$ -	✓ 100%	Dec-10	Jul-11	Replace existing digital governor controls
RI PH1 B-2 Stator Replacement	Execution	Feb-16	Jul-16	✗ -160	\$ 4,961,785	\$ 4,961,785	\$ 4,223,249	\$ (738,536)	✓ 85%	May-07	Jun-07	Commissioning and return to service delayed due to cracks found in runner blades.
RR Excitation Reg Replc C1-C11	Execution	Jun-19	Jun-19	✓	\$ 4,508,217	\$ 4,508,217	\$ 4,240,185	\$ (268,032)	✓ 94%	Dec-11	Jun-12	Replace excitation controllers.
RR Additional Headgates	Execution	May-16	Jun-16	⚠ -3	\$ 4,000,000	\$ 4,000,000	\$ 3,545,958	\$ (454,042)	✓ 89%	Jul-15	Jul-15	Gates are complete and in service. Delay due to modifications required. Still working on final project closeout.
Fiber Expansion Projects	Planning	Dec-26	Dec-26	✓	\$ 3,700,000	\$ 3,700,000	\$ 3,700,000	\$ -	✓ 100%	Apr-15	Jun-15	Fiber distribution completed for Cashmere-Tigner tower zone. Construction in progress for Lower Chumstick and Cashmere infill areas.
CIS Upgrade	Planning	May-20	May-20	✓	\$ 3,500,000	\$ 3,500,000	\$ 3,500,000	\$ -	✓ 100%	Dec-15		Project start delayed to 2017
RR09b PKLR New Camp Area	Execution	Dec-16	Dec-16	✓	\$ 3,373,545	\$ 3,373,545	\$ 3,373,545	\$ -	✓ 100%	Dec-12	Feb-13	RR License obligation
N Mid C Transmission Project	Planning	TBD	TBD		\$ 3,339,000	\$ 3,339,000	\$ 3,339,000	TBD		Dec-11	Jul-13	Est. costs are currently under review and expected to increase. Schedule extended significantly due to permitting. (Joint w/BPA, Douglas and Grant; BPA is lead for permitting, Douglas is lead for construction.)
ISCN Vehicles				✓	\$ 2,893,320	\$ 2,356,616	\$ 2,356,616	\$ -	✓ 100%	Dec-15	Jan-16	
RI PH1 Govrn DigCtrls B2	Execution	Apr-21	Apr-21	✓	\$ 2,890,000	\$ 2,890,000	\$ 780,684	\$ (2,109,316)	✓ 27%	Dec-10	Jul-11	Revised outage schedules will delay installation in units other than B2.
DS-Cashmere Substation	Execution	Dec-16	Jul-16	✓ 177	\$ 2,799,000	\$ 2,799,000	\$ 2,171,275	\$ (627,725)	✓ 78%	Dec-12	Jul-14	Station energized and operational
AY-AC 1&2 Relocate	Planning	Dec-18	Dec-18	✓	\$ 2,415,000	\$ 2,415,000	\$ 2,415,000	\$ -	✓ 100%	Dec-15		
RI PH2 Excitation Sys U1-U8	Execution	Jul-18	Apr-18	✓ 85	\$ 2,196,799	\$ 2,196,799	\$ 2,196,799	\$ -	✓ 100%	Dec-10	Jun-11	Install new exciter regulator, controls, and power potential transformer.
RI PH2 Unit MCC	Execution	Jun-22	Jun-22	✓	\$ 2,040,000	\$ 2,040,000	\$ 1,676,809	\$ (363,191)	✓ 82%	Dec-12	Aug-14	Replace Motor Control Centers at PH2
Distrib Vehicles-Major Equip	Execution			✓	\$ 2,040,000	\$ 2,040,000	\$ 1,976,406	\$ (63,594)	✓ 97%	Dec-14	Jan-15	Scheduled completion 6/1/16
Microwave Network Replacement	Planning	Dec-16	Dec-18	✗ -730	\$ 2,000,000	\$ 2,000,000	\$ 4,200,000	\$ 2,200,000	✗ 210%	Dec-13	Jan-15	Variance proposed to revise schedule. Will update schedule if approved.

Report includes non-recurring projects with a Current Project Budget of \$2 Million or Greater