

Chelan County Public Utility District No. 1

2016 Active Major Capital Projects

Fourth 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	✔	\$ 23,800,000	\$ 27,100,000	\$ 27,100,000	\$ -	✔ 100%	Dec-13	Feb-14	Generator and turbine replacement.
RI PH2 Gov Digtl Ctrlrs U1-U8	Execution	Jul-18	Jul-18	✔	\$ 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	Apr-17	✘ -111	\$ 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	May-17	✘ -56	\$ 6,285,754	\$ 6,285,754	\$ 6,285,754	\$ (0)	✔ 100%	Dec-10	Dec-13	Replace existing crane. Revised schedule to accommodate increased scope.
Fiber Expansion Projects	Planning	Dec-26	Dec-26	✔	\$ 3,700,000	\$ 5,800,000	\$ 5,800,000	\$ -	✔ 100%	Apr-15	Jun-15	Fiber distribution completed for Tigner, Lower Chumstick, Olive Way, Blue Star Way and half of Manson Blvd tower zones, as well as all planned infill zones. \$2.1M PPB increase approved by board 6/20
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 by Board 5/16.
BPON to GPON Upgrade	Complete	Apr-17	Oct-16	✔ 168	\$ 5,123,000	\$ 5,123,000	\$ 4,500,000	\$ (623,000)	✔ 88%	Dec-12	Oct-14	Project completed.
RR C1-C11 Unit Ctrlrs 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	Nov-19	✘ -1389	\$ 4,961,785	\$ 4,961,785	\$ 4,221,989	\$ (739,796)	✔ 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	Apr-21	✘ -697	\$ 4,508,217	\$ 4,508,217	\$ 4,508,217	\$ -	✔ 100%	Dec-11	Jun-12	Replace excitation controllers. Schedules realigned with large unit repair work.
RR Additional Headgates	Complete	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.
CIS Upgrade	Planning	May-20	Jan-21	✘ -225	\$ 3,500,000	\$ 3,650,000	\$ 3,650,000	\$ -	✔ 100%	Dec-15		Project start delayed to 2017. Budget increase approved by Board 12/5.
RR09b PKLR New Camp Area	Complete	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	\$ 4,245,300	\$ 4,245,300	\$ -	✔ 100%	Dec-11	Jul-13	Est. costs are based on preliminary design. Schedule extended significantly due to permitting. (Joint w/BPA, Douglas and Grant; BPA is lead for permitting, Douglas is lead for construction.) Budget increase approved 12/5.
RI PH1 Govrnrr DigCtrlrs B2	Execution	Apr-21	Aug-15	✔ 2068	\$ 2,890,000	\$ 2,890,000	\$ 801,975	\$ (2,088,025)	✔ 28%	Dec-10	Jul-11	Revised outage schedules will delay installation in units other than B2.
DS-Cashmere Substation	Complete	Dec-16	Sep-16	✔ 106	\$ 2,799,000	\$ 2,549,000	\$ 2,069,275	\$ (479,725)	✔ 81%	Dec-12	Jul-14	Project complete, 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		
ISCN Vehicles				✔	\$ 2,893,320	\$ 2,352,805	\$ 2,356,616	\$ 3,811	✔ 100%	Dec-15	Jan-16	
RI PH2 Excitation Sys U1-U8	Execution	Jul-18	Jul-18	✔	\$ 2,196,799	\$ 2,196,799	\$ 2,196,799	\$ -	✔ 100%	Dec-10	Jun-11	Install new exciter regulator, controls, and power potential transformer.
Distrib Vehicles-Major Equip	Execution			✔	\$ 2,040,000	\$ 2,040,000	\$ 1,963,434	\$ (76,566)	✔ 96%	Dec-14	Jan-15	Scheduled completion 6/1/16
RI PH2 Unit MCC	Execution	Dec-19	Dec-19	✔	\$ 2,040,000	\$ 2,040,000	\$ 2,040,000	\$ -	✔ 100%	Dec-12	Aug-14	Replace Motor Control Centers at PH2
Microwave Network Replacement	Planning	Dec-16	Dec-18	✘ -730	\$ 2,000,000	\$ 3,720,000	\$ 3,720,000	\$ -	✔ 100%	Dec-13	Jan-15	Variance for schedule and budget approved by Board 12/5. Project moving ahead with procurement.

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