



PROJECT CHANGE REQUEST (PCR)

PCR #

WBS Title & Project Title: Energize Eastside 230 kV Transmission Project Transmission Line	Superior Order Number: CAP WBS: R.10005.01.01.07 OMRC WBS:
Date: August 15, 2022	Program Manager: Brad Strauch
Current Phase: Execution	Reason for submittal: Mid-Phase Change

SCOPE: Change to Scope beyond original need, benefit or intent? <i>Click drop down:</i> NO <i>If Yes, explain in summary how system need & alternatives were re-evaluated.</i>	Summary: Although no change to the overall scope of the project has occurred, this PCR covers the increase to the transmission line 2022 budget, as well as an increase to the lifetime budget. Description of Project Plan Documentation updates: Updated PIP and CSA from 2021
SCHEDULE: Change to in-service date greater than one year from baselined need: <i>Click drop down:</i> NO <i>If Yes, explain in summary how system Need Date documentation was updated.</i>	Summary: <i>The current schedule goes out through 2025 and is not changed by this PCR.</i> In 2023, PSE plans to construct the Newcastle segment and portions of the Redmond segment, then energize the South Phase from Richards Creek to Talbot Hill substation. In 2024, PSE plans to complete the North Bellevue segment and remainder of the Redmond segment, then energize the North Phase from Richards Creek to Sammamish substation. The Richards Creek substation can be energized upon completion of the Newcastle segment in 2023, with the entire project being energized at 230 kV in 2024. Restoration will continue into 2025. Description of Project Plan Documentation updates: N/A

BUDGET: Change to fiscal year, lifetime capital or OMRC budget beyond contingency? <i>Click drop down:</i> YES	Current year Capital budget: <input type="text" value="\$57,000,000"/>				
	Increase \$	10,812,713	Decrease \$		Total \$ 67,812,713
	Lifetime Capital budget: <input type="text" value="\$201,695,555"/>				
	Increase \$	28,089,525	Decrease \$		Total \$ 229,785,080
	Current year OMRC budget:				
	Increase \$		Decrease \$		Total \$
	Lifetime OMRC budget: <input type="text" value="\$"/>				
	Increase \$		Decrease \$		Total \$

Summary:

For the 2022 budget: When PSE issued a request for construction proposals we had permits for part of the south half. Items such as rock drilling, increased corridor security, material supply chain issues, refinement of construction access, additional tree removal, concrete mobility issues, and detailed traffic control plans had not been contemplated during the bid process. Additionally, we were in the early stages of defining protective measures that could be used when project construction was in the immediate vicinity of BP/Olympic Pipeline Co. (OPL) facilities. Once the project team, working with Wilson Construction, better understood the high level and number of constraints, it became apparent we had several gaps to address in our budget. This PCR encompasses 22 change orders, which are detailed in the project folder. See Change [Order](#) Log 6-8-2022 Summary.

The following summarizes the key factors that make up the \$10.8MM increase for 2022. These include:

- Wilson construction change orders for 2022 increased by around \$9.7MM, which includes items such as:
 - Material supply issue related delays\$1.7MM
 - Additional pipeline protection matting.....\$4.3MM
 - Somerset safety staff support.....\$2.1MM
 - Rock drilling\$1.0MM
 - Critical Areas Mitigation Support\$0.3MM
 - Concrete mobility (Concrete strike issues).....\$0.3MM
- Materials forecast for 2022 was reduced by \$1.5MM since the majority of the materials for the south half of the project were obtained in 2021;
- Outside legal support for 2022 increased by \$1.2MM as a result of the Newcastle CUP Hearing taking five days to complete and CENSE being given equal status as the applicant;
- Steel prices increased resulting in an cost increase of \$0.5MM for the poles;
- Safety fence between SAM-RIC lines, Lakeside substation, and Chestnut Hill Academy\$0.6MM
- Regulatory fees and permits for 2022 increased by \$0.1MM

In order to offset some of the above costs, \$3MM contingency (2022) was used.

For the lifetime budget: The increase to the lifetime budget is due to now having a better understanding of the construction details and related constraints, particularly as they relate to corridor access and pipeline protection. Wilson Construction has provided a preliminary forecast to complete the remaining construction work on which the lifetime budget is based. The lifetime budget increase is for both the north and the south construction and includes items such as anticipated tree removal efforts for the north, OPL required protective measures, corridor access, additional customer outreach support, traffic control, and associated PSE overheads.

Description of Project Documentation Updates;

See Change [Order](#) Log 6-8-2022 Summary

For **Planning to Design** and **Design to Execution** gates the PCR must be signed by the technical requestor (Planner) and Consulting Engineer (Area Lead)

Required approvals for this PCR which are based on CPM-20, Commitment Authority and CTM-07, Invoice/Payment Approval limits.

Links to source documents included for this submittal:

3