

## ENERGIZE EASTSIDE Change Order Log through 10/17/2024

<u>COR</u>	<u>COR Log</u>	<u>Year</u>	<u>Ext. Price</u>	<u>Qty</u>	<u>Unit of Measure</u>	<u>* Unit Price</u>	<u>Notes</u>	<u>Date Approved</u>
1	OPL Transmittal	2021	N/A		0	0	Document transmittal no cost or schedule impacts	1/11/22
2	Single circuit Planning – Effort to meet Load Office Request to keep 1 line in service.	2021	\$21,000.00	1	Lump Sum	\$21,000.00	During the initiation of construction in 2021, it was requested by the Load Office that one of the LAK-TAL 115 kV lines be left in service. This change order covers the costs associated with the planning/design effort. This effort was specific for the Shoo-fly option in Renton.	4/17/22
3	Steri-Clean (Homeless Camp clean-up)	2022	\$1,428.00		1	\$1,428.00	Costs incurred due to hypodermic needles found during homeless camp clean-up.	3/16/22
4	Cedar Grove Yard Rent (12 months)	2021-2022	\$336,000.00	12	Month	\$28,000.00	See separate write up <a href="#">CCAR 4 Summary</a>	3/31/22
5	2021 Delays (7-day return to service, Material Shortage and pipeline engineering review)	2021	\$1,792,467.00	1	Lump Sum	\$1,792,467.00	Delays in 2021 construction were a result of the following: <ul style="list-style-type: none"> <li>• Critical materials were not delivered on time;</li> <li>• Restrictive line outages decreased wire pull lengths there by doubling efforts;</li> <li>• Upon receiving review/approval from OPL, additional matting was determined necessary;</li> <li>• OPL review and approval of the site specific access plans took longer than expected.</li> </ul>	
6	Rock Drilling @ 3/5 Pole #1 (Not to Exceed – no billing mechanism in contract)	2021	\$56,300.00	1	Lump Sum	\$56,300.00	Wilson’s scope excluded rock drilling as it was not identified in the geotechnical report. Charges related to rock drilling were not provided for in the original schedule of values; therefore, these charges are being handled via the change order process as there was not a contract mechanism to account for the charges.	

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7	Foundation Specification Changes (Concrete Strength)	Void	Void	Void	Void	Void	N/A	N/A
8 (Wilson #7)	Traffic Control Plans - Pass-through (2021 Value is \$54,000)	2021-2022	\$700,000.00	1	Pass Through NO MARKUP (BAFO)	\$700,000.00	The contract did not account for traffic control plans. Having Wilson directly contract and manage this task is the most cost effective manner in ensuring timely development and approval. This work will be done as a pass through with no mark-up.	4/22/22
9	Tree Topping @ Cedar River (Per Mitigation Plan)	2022	\$735.00	1	Lump Sum	\$735.00	Removal of a single tree that in the Cedar River Watershed that was not originally identified.	4/21/22
10 (Wilson 9)	0/3-0/7 Access Construction (Critical Area buffer avoidance and permanent access)	2022	\$247,408.00	1	Lump Sum	\$247,408.00	<p>PSE requested additional access road stabilization at structures 03/ to 0/7. This change is necessary to better avoid critical areas and provide better access to the structures as well as other adjacent transmission lines. This will facilitate more efficient construction and allows for future maintenance, while avoiding protected critical areas. This change includes additional clearing and grading, placement of aggregate, and high visibility fence installation around the extent of critical areas and their buffers.</p> <p><i>NOTE: TEXT IN DESCRIPTION BOX ON WILSON'S SHEET INDICATES THAT WORK IS FOR 0/3 to 0/8.</i></p>	6/2/22
11 (Wilson 10)	1/3-1/8 Access Construction (Critical Area buffer	2022	\$69,823.00	1	Lump Sum	\$69,823.00	PSE requested a crane pad at Structure 1/3 and access road stabilization at structures 1/4, 1/5 & 1/6. This change is necessary to better avoid critical areas and provide better access to the structures as well as other adjacent transmission	6/6/22

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	avoidance and permanent access)						lines. This will facilitate more efficient construction and allows for future maintenance, while avoiding protected critical areas. This change includes additional clearing and grading, placement of aggregate, and high visibility fence installation around the extent of critical areas and their buffers.	
12	RIC Tree Stem (LWD for mitigation)	2022	\$5,040.00	1	Pass-through w/ markup	\$5,040.00	Placement of Large Woody Debris was required to meet permit conditions associated with the Mitigation along the creek at the Richards Creek substation site. This was not in Wilson's scope of work.	4/21/22
13 (Wilson 12)	Cedar Grove Yard Security (over winter)	2021-2022	\$79,200.00	120	Days	\$660.00	Upon completion of the 2021 construction window, a high volume and value of equipment and materials were being stored at the Cedar Grove Yard. To protect these assets from potential theft, 24x7 on-site security personnel was added at the request of PSE.	5/24/22
14 (Wilson 13)	Richard's Creek Trees @ Access (additional tree work + BMPs for winter work)	2022	\$282,342.00	1	Lump Sum	\$282,342.00	<p>Additional tree removal was deemed necessary to provide access to pole sites during winter conditions, as well as the use of additional BMPs necessary to meet the Bellevue Clear &amp; Grade Permit conditions. Additionally, removal of the trees next to Chestnut Hill Academy was agreed to by the school and PSE; therefore, improving access and reduce the risk of future tree fall-into the Lakeside substation. Winter access to the area will require geotextile/aggregate road surfaces and operation of pumps and associated generators to manage stormwater in site.</p> <p><i>NOTE: THE CAR WRITE UP FROM WILSON HAS CONFLICTING NUMBER OF TREES (PAGE 1 SAYS 73, WHILE PAGE 2 SAYS 59)</i></p>	6/2/22

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15 (Wilson 14)	Third Land Liaison (estimated 16 weeks)	2022	\$185,600.00	16	Week	\$11,600.00	PSE requested Wilson to add a third land liaison to the project. This Land Liaison will be needed as we did not complete construction of Segment #5 in 2021 as originally planned. As a result, construction is occurring at multiple locations. Multiple work locations were not anticipated in the original scope and therefore additional land liaison support is required to support the construction. The need for a third Land Liaison is primarily due to delays with Newcastle permit issuance and material availability issues, hence the geographic separation work areas.	5/24/22
16 (Wilson 15)	Pole Rolling of stored poles at Alderton Yard	2022	\$36,818	1	T&E	\$36,818	PSE requested Wilson to roll all individual pole sections currently in storage at Alderton yard. The pole rolling was needed to avoid weathering and sun exposure to only half the pole. Poles have a long fabrication lead time and due to permitting delays, poles arrived and had to be stored until all permits for each segment have been issued. This results in the need to rotate the poles so that their finish remains consistent and does not have negative aesthetic impacts.	5/24/22
17 (Wilson 16)	Concrete Mobility (Concrete strike adapt)	2022	\$361,861.00	1	NTE	\$361,861.00	During the first quarter of 2022, concrete delivery was stopped due to a union strike (Teamsters Local 174). This was resolved by bringing in trucks from out of the areas and having them dedicated to the project. This kept construction moving forward and was a minimal cost compared to standby costs of construction crews. Wilson also reduced their markup to 5% for this change order.	5/29/22
18	Dual-layer Pipeline protection and Somerset Neighborho	2022	\$285,010.00	1	NTE	\$285,010.00	OPL thickness requirements and overcoming extremely wet-weather will require additional mats to avoid extensive restoration costs. Additional costs to be accrued in 2023 as shown in the COR.	6/3/22

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	od effort (street cleaning)							
19	Additional Matting for South.	2022	\$8,908,662.00	1	NTE	\$8,908,662.00	This change order covers the cost associated with additional protection required by OPLC necessary to protect the collocated OPLC pipelines in the Somerset Neighborhood, Richards Creek substation, north Renton, and Talbot Hill substation work areas. At the time of bid, only crossing locations were expected to require matting; however, such matting is now required for work within 25 feet of the pipeline(s). Additionally, the OPLC requirement of 10.5 to 12-inches of matting (accomplished by double matting) in work areas proximate to the pipeline(s) could not have been known until after submittal to and review of detailed access plans by OPLC. This change order covers the mats and associated prep work not included in the original bid.	5/13/22
20	Somerset Outreach, access, and site stabilization	2022	\$2,151,880.00	1		\$2,151,880.00	Establish temporary access roads as an alternative to more extensive protective matting.	5/29/22
21	3/9 Walking Path	2022	\$69,125.00	1	LS	\$69,125.00	At structure 3/9 the work area conflicted with a heavily used local walking path and alley way is used daily; the alley way was resurfaced and a gravel walking path was built as an alternate access route which ensured crew safety during construction and allowed the neighbors to safely continue using it during construction and beyond.	6/3/22

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22	Rock Drilling (2/7, 2/8, 3/4, 3/5-2, 3/10-1&2, 4/1-4/2, 3/9-1&2), 4/1-1)	2022	\$956,367			\$2,750.00	Wilson's scope excluded rock drilling as it was not identified in the geotechnical report. PSE anticipated rock drilling would be necessary; however, had no way to calculate the actual volume. During the contract negotiation PSE had the bidders include a representative budget, with the understanding if the budget was exceeded it would be processed using a change order.	6/6/22
23	Constructio n review of foundation design changes.	2023	0	0	0	0	Power Engineering modified the foundation design and rebar, Wilson and CJ's reviewed changes with no change in project costs.	2/1/23
24	Rock Drilling	2023	733,333.00				Wilson's scope excluded rock drilling as it was not identified in the geotechnical report. PSE anticipated rock drilling would be necessary; however, had no way to calculate the actual volume. During the contract negotiation PSE had the bidders include a representative budget, with the understanding if the budget was exceeded it would be processed using a change order.	2/6/23
25	Casing & De-watering (7/8)	2023	\$100,644.00			\$100,644.00	Payment terms only. Foundation at 7/8 was extremely wet and required a permanent casing. Due to previously discovered contaminates inside RIC; Baker tanks were required to hold the water for haul off. Marine Vacuum out of Georgetown handled the treatment and disposal.	2/1/23
26	Winter Work Adjustment	2023	\$423,447.00			\$424,447.00	Adjustment for Winter working conditions with street sweeping, weather days, and other wet weather costs.	2/1/23
27	Additional Land Liaison support	2023	\$278,400.00			\$278,400.00	PSE requested Wilson to add a land liaison to the project to deal with customer issues and maintain a high level of customer satisfaction with all the different work activities occurring in backyards at various locations. This covers the timeframe of February though August 2022. Once Renton was	2/6/23

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							completed Wilson reduced land liaisons back to two.	
28	Vegetation Management Support	2023	\$59,100.00			\$59,100.00	PSE's vegetation management vendor could not keep up with the required work load; therefore, the work was transferred to Wilson to provide management and coordination over a third party contractor (Ground Effects).	2/6/23
29	Delays associated with OPL access approval.	2023	\$528,000.00	1		\$528,000.00	Delays associated with OPL matting requirements and PSE approval process authorizing the additional costs resulted in additional expenditures. Wilson had covered part of the delay time by doing other work until it was all completed and authorization was issued to proceed. Six days at the contract daily delay rate is what was used to compensate for the delays.	2/6/23
30	Relocation of guy wires	2023	\$6,303.00	1		\$6,303.00	Relocation of guy wires at RTC do to conflict with transmission lines.	2/6/23
31	2/7 Distribution Transfer	2023	\$8,877.00	1	T&M	\$8,877.00	Distribution Pole in the way of T-Line construction at 2/7 structure.	2/6/23
32	Plant watering	2023	\$51,828.00	1		\$51,828.00	In the post construction phase the vegetation plantings needed watering in order to survive. PSE's vendor was unable to accomplish the task; so Wilson was asked to handle the watering plan	2/6/23
33	Additional Site Restoration	2023	\$2,093,465.00	1		\$2,093,465.00	Customer satisfaction work related to construction impacts for difficult access properties. This work was to be completed by another PSE Vendor under the project budget umbrella. PSE asked Wilson to facilitate the work planning and completion with various subcontractors for the properties along the construction ROW. This provided for a more cohesive interaction with the property owners. This included fencing, hard surface repairs and landscape restoration efforts.	3/24/23

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34	Field change to pole 8/5	2023	\$19,386.00	1		\$19,386.00	Steel Pole 8/5 was made at factory 90 degrees off design. Power Engineers consulted with Meyer and pole was rotated with field welding for the attachment points. Costs covers Wilson's time to redo work and field modifications.	2/6/23
35	Somerset and Jordan property delay	2023	\$488,587.00	1		\$488,587.00	The last locations for pole drilling were delayed due to 2 different issues. Somerset Rec Club wanted to keep tennis courts open until after labor day and the landowners (Jordans) would not allow access and are still pursuing legal recourse for protecting trees. All the drilling was completed after labor day. This is to cover the delay charges associated with the uncontrollable events that impacted Wilson and sub CJ's drilling. 2	2/6/23
36	Pole Repair 4/2	2023	\$129,026.00	1		\$129,026.00	Out of scope system repairs along the corridor to help facilitate transmission line construction.	2/7/23
37	Drone Lidar Services	2023	\$22,264.00	1		\$22,264.00	PSE drone staff ceased to exist when a staff member left the department. We asked Wilson to secure an outside vendor to provide the services; and make sure we did not have any clearance issues on the newly installed conductor along the ROW prior to energizing for winter.	2/7/23
38	Traffic Control	2023	\$2,750,00.00	1	Pass through	\$2,750,00.00	When PSE bid the contract in 2021 we did not have the T/C plans or permits; so it was NOT included in the bid. It was agreed that all project TC costs would be a straight pass through with no mark up by Wilson.	3/15/23
39	Shortage of OPL Inspectors and resulting delays	2023	\$32,463.00	1		\$32,463.00	Additional cost related to Wilson crew standby time resulting from a shortage of OPL inspectors.	2/7/23
40	Fiber Splicing	2023	\$100,451.00	1		\$100,451.00	PSE fiber group had originally planned on testing and splicing all of the fiber to date in late 2022. But due to workload and competing projects they	3/31/23



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							asked for Wilson to complete work instead. Jelani Finnie and Dennis Libadia (PSE Communications Group) were the decision makers who said to outsource work.	
41	Asphalt repair at Pole 8/8 south of I-90	2023	\$34,177.00	1	ESTIMATE	\$34,177.00	Commercial office building at STR # 8/8 had mats and equipment in parking lot for months waiting for wire pulling to be completed in summer of 2022. The parking lot was not in the best shape when we started then after we finished doing our restoration on part of the parking lot the customer wanted the rest of the area we had impacted paved. He had an existing contract with Benjamin Paving so he proceeded and this is to reimburse him for the expense.	3/31/23
42	Extended yard rental/pole management/standby time	2023	\$1,421,770.10	1	Actual	\$1,421,770.10	Additional costs associated with receiving poles outside of construction time frame (Newcastle and Redmond poles). The pole manufacture shipped poles outside of the original delivery window. Added yard rent in Maple Valley due to delays on permit acquisition for the North Bend yard. Equipment costs to ensure availability for Newcastle construction once permit is received. Standby time and out of scope work for Superintendent, Land Liaison, and environmental personnel to support project in Spring 2023.	5/22/23
43	Lake Tradition 115 kV line move to support EE 230 kV work	2023	\$73,087.14	1	Actual	\$73,087.14	In order to support EE, Wilson personnel set and framed new structures at 0/4 and 0/9 on the Lake-Tradition line. Transferred the existing conductors to the new structure at 0/9 and retired the temporary structure at 0/9. Transferred the existing conductors to the new structure at 0/4 and de-clipped structures 19/12, 19/13, 19/14, 19/15, 20/1, 20/2 and 20/3 on the Lake-Tradition line. The crew then set a new structure at 0/10, transferred the conductors off	9/7/23

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							the old structure and re-sagged the conductors. They then retired the old structure at 0/10.	
44	Newcastle Line Crew Standby for June	2023	\$880,000.00	10	Days	\$88,000.00	City of Newcastle permit delays went past the City's anticipated May issuance. The permit was finally received on June 22. Prep work of OPL pipeline matting, tree removals; foundation drilling had to be completed before line crews could start. This allowed for the south half of the project to be energized at 230kV up to Richards Creek in 2023 so north half could be built in 2024.	9/7/23
45	Newcastle Line Crew Standby for July	2023	\$704,000.00	8	Days	\$88,000.00	City of Newcastle permit delays went past the City's anticipated May issuance. Prep work of OPL pipeline matting, tree removals; foundation drilling had to be completed before line crews could start. Preparation work continued into July. This allowed for the south half of the project to be energized at 230kV up to Richards Creek in 2023 so north half could be built in 2024.	9/7/23
46	Poll Rolling	2023	\$3,456.00	1	Actuals	\$3,456.00	The weathered steel poles need to be rolled at about 6 month increments to make sure color did not become significantly different when they were installed.	9/8/23
47	Fiber Riser at Talbot Hill	2023	\$3,167.00	1	Actuals	\$3,167.00	PSE Communications Group ask for assistance to make the necessary EE related fiber connection at Talbot Hill substation.	9/25/23
48	Eco-Blocks for OPL pipeline protection	2023	\$14,625.00	1	Actuals	\$14,625.00	At Pole 4/4, Wilson had to bring in ECO-blocks to build an access pad that stabilized the slope and protected the OPL pipelines and creek at bottom of slope.	9/25/23
49	Plant Watering	2023	\$10,032.35	1	Actuals	\$10,032.35	PSE's contractor had difficulty keeping up on watering the newly installed plants and landscape in customer's backyards. To save the plants Wilson was asked to help out with additional resources to water and monitor the new plantings.	9/26/23

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50	Steel Fabrication Review	2023	\$6,299.00	1	Actuals	\$6,299.00	Pole at 8/1 did not allow for proper clearances for jumper installation. Crew had to wait for engineering solution before making change on structure to get proper clearance.	9/26/23
51	Pole Painting 8.1	2023	\$41,985.00	1	Actuals	\$41,985.00	Poles 8/2 were described as both brown and galvanized in different permitting document. The customers insisted that they should be brown; as the information was contradictory in several descriptions. It was decided to paint the poles.	9/27/23
52	6-mile distribution removal and relocation	2023	\$31,614.00	1		\$31,614.00	Potelco had installed new UG cable in the area and OPL required mats for pipeline protection so OH distribution removal could be done. Wilson was asked to add it to the scope of work in their contract.	9/26/23
53	Corona Ring Inspection - Somerset	2023	\$17,107.88	1	Actual	\$17,107.88	Several residents had reported chattering noise from the line installed in fall of 2022; this inspection took place when outage started in 2023. The Corona Rings were inspected and one was removed per Power Engineering to resolve issue and maintain 230kV line integrity and performance.	9/26/23
54	Re-matting for 2023	2023	\$1,537,620.00			\$1,537,620.00	Work areas on the project that had previously been matted for work in 2022 needed to be revisited in 2023 due to outage and access issues. The mats were needed to be reinstalled for protection of the OPL/BP pipeline per the access plans and agreement. This allowed the line outage and work in 2023 to proceed for energization on September 11 <sup>th</sup> , 2023 with 230kV connections between TAL and RIC substations.	9/26/23
55	Richards Creek Matting	2023	\$1,241,940.00			\$1,241,940.00	Substation work at RIC and Lakeside substations that had previously been matted for work in 2022 needed to be revisited in 2023 due to outage and access issues. The mats were needed to be reinstalled for protection of the OPL/BP pipeline	9/26/23

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							per the access plans and agreement and for wet/poor access in this area.	
56	Newcastle Yare Mega-Decks	2023	\$1,169,332.00			\$1,169,332.00	The steel poles for the Redmond section of line arrived earlier than anticipated from the manufacturer. The Newcastle storage yard needed to be expanded in order to accommodate the additional poles. Wilson Construction was directed to acquire additional mega-deck matting to increase the available laydown area needed to store the Redmond poles.	9/29/23
57	Newcastle matting adjustments	2023	\$1,535,542.00			\$1,535,542.00	Additional matting needed for access in Newcastle directly related to the OPL access plan requirements as directed by E&N engineering. (OPL's subcontractor). This was to allow all the work to conducted safely around the pipelines and in the neighborhoods.	9/27/23
58	SPU Matting	2023	\$1,555,170.00			\$1,555,170.00	Additional matting needed for access in Newcastle/Bellevue directly related to the SPU access plan requirements as directed by Seattle Public Utilities. The matting allowed the work to done safely around the water pipelines in the trail.	9/27/23
59	BMP, Work Pads, and Assistance	2023	\$1,506,139.00			\$1,506,139.00	Wilson worked with city of Newcastle, Olympus HOA and neighborhoods on work methods, safety methods like temp fencing; flaggers and public protection planning. This is for the additional cost associated with necessary higher level of service and work techniques in customer impacted areas.	9/27/23
60	Matting at Sammamish Substation to accommodate coordinate schedule	2023	\$696,835.00			\$696,835.00	Wilson was asked to move 2024 scheduled work up into 2023 to better accommodate and coordinate with the SAM-JUA 115 kV project also under construction adjacent to the SAM substation. This is for the costs of the required matting necessary to work in the wetland area.	9/27/23

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61	Sammamish substation foundation – previously issued	2023					VOID	
62	Newcastle segment schedule compression	2023	\$251,781.88	1	Actuals	\$251,781.88	Due to the delay of the City of Newcastle permit being issued, the project start was delayed, which pushed the project energization into Fall 2023. This created outage constraints for other critical projects at the SAM substation. PSE requested Wilson to accelerate the remaining schedule to energize the project in mid-September.	9/29/23
63	Updated Landscape & Civil Costs	2023	\$2,071,055.00			\$2,071,055.00	This CCAR covers the costs associated with site restoration and landscaping which was not part of Wilson's original contract. The work includes hardscapes, plantings, fencing and asphalt/concrete repairs.	10/4/23
64	2023-2024 Project Management and Oversight (Ext Quantities)	2023	\$1,629,633.06			\$1,629,633.06	The original bid was for three construction seasons and total project completion. Multiple delays in permitting, outages, and modifications altered the construction schedule. The original quantity of management support days were exceeded and this is the delta over the contract to support the work thru end of 2023.	9/28/23
65	Fiber Splicing support at Talbot Hill	2023	\$16,012.00			\$16,012.00	This is to cover the costs associated with fiber splicing and support for BPA at 0/5 and 0/1 as requested by PSE Com Group (Dennis Libadia). This was OPGW to ADSS splicing at both locations. BPA vault 0/5 and PSE at 0/1.	9/28/23
66	2023 Material Yard Extension	2023	\$960,551.00			\$960,551.00	This covers the rent and security at both the Newcastle and Cedar grove yards. The rock placement, culvert installation, road building and other prep work at Newcastle yard to make it a suitable laydown area for the steel poles and heavy loads entering and exiting the site.	9/29/23

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67	Additional Side Tree Trimming	2023	\$95,621.00			\$95,621.00	PSE Vegetation Management identified trees along the ROW that needed side trimming prior to the new 230 kV lines being energized. Asplundh, PSE's normal tree crews, were not available so Kemp West (Wilson Construction Subcontractor) was directed to complete the work. This was out of scope work that PSE requested of Wilson and their subcontractor.	10/4/23
68	Wilson August and September 2023 Additional Scope	2023	\$1,040,198.54			\$1,040,198.54	<p>PSE requested Wilson perform various out of scope tasks to help keep the project on schedule for mid-September energization. These included:</p> <ul style="list-style-type: none"> <li>• Fiber Optic Splicing support with Precision fiber splicers and Wilson crews as PSE crews were short handed</li> <li>• CHA Ball Return/LAK substation protection fence.</li> <li>• Import/export of free soils early in year to be used on ROW for pole pads in Newcastle at structures 4/4, 5/2 and 5/3.</li> <li>• Restoration &amp; Grading within in Newcastle</li> <li>• Permanent casing at SAM-RIC 0/6 CJ's Drilling</li> <li>• SAM-RIC 0/2 downtime and accelerated work hours (Fence and underground Conflicts)</li> <li>• Inspection Well Decommissioning (Gregory Drilling) at Richards Creek</li> <li>• Inspection of remaining wells at RIC Substation.</li> </ul>	9/29/23
69	2023 Traffic Control Pass-through	2023	\$967,466.00		Pass-through	\$967,466.00	Third installment payment of the traffic control since the job began in 2021. No Traffic plans were included in the RPF so T/C has been handled as a pass through with no mark up by Wilson. This payment brings us current up to October 1, 2023. The traffic control is a requirement on all of the ROW work within Newcastle and Bellevue. It is also used as a public safety tool in other restricted areas.	9/29/23

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70	Landscape Maintenance	2023	\$141,750.00			\$141,750.00	Covers costs associated with Wilson's vegetation subcontractor (Ground Effects) that was not included in the original bid.	10/4/23
71	North half tree removal	2024	\$3,793,268.00	2,167	Each	\$1,750.47	This change order covers the North Phase tree removals that were not defined or included the original scope of work. This was not defined as the permit conditions had not been determined nor the final survey's completed.	2/29/24
72	2024 Project Management	2024	\$6,206,000.00			\$6,206,000.00	The transmission line construction took two years longer than originally planned due to permit delays from various jurisdictions. Additional funds were required to cover Contractor project management time, land liaison time, and monthly charges for construction yards. Due to the shortage of construction laydown yards in the north half of the project area, additional costs were incurred to store materials and equipment.	2/28/24
73	Mobilization & Idle equipment	2024	\$1,381,693.00			\$1,381,693.00	The transmission line construction has taken two years longer than originally planned due to permit delays from various jurisdictions. As a result, additional funds are required to cover additional contractor mobilization costs, equipment rental costs, tooling and training costs.	2/21/24
74	Adjusted Unit Price: Traffic control; Site restoration; and 2024 Bonds	2024	\$17,269,563			\$17,269,563	North half construction delays are primarily due to permit delays from Newcastle and Bellevue. As a result, additional funds are required to cover the Contractor's increased costs associated with removal of the existing 115 kV transmission lines and installation of the new 230 KV lines (see Wilson COR #74 Rev.1). This also accounts for some foundation designs changes. The largest costs are associated with traffic control and site-specific restoration efforts that were not included in the original bid documents.	3/27/24

## ENERGIZE EASTSIDE Change Order Log through 10/17/2024

75	North half access adjustment	2024	\$24,524,854.00			\$24,524,854.00	The Energize Eastside corridor has two collocated petroleum pipelines (BP/Olympic Pipeline Company). Best safety practices and permit conditions required extensive coordination with OPL in order to ensure proper protection of the pipelines during construction. These protection requirements were not known at the time of project bid. Although PSE submitted the north half transmission line access plans to OPL at the end of 2023, the final pipeline protection requirements were received from OPL June 7th, 2024. Protection requirements were extensive and beyond what was anticipated during the design and bid processes.	7/14/24
76	North Phase Work Restrictions Adjustment	2024	\$7,788,000.00			\$7,788,000.00	<p>A number of unforeseen or uncontrollable schedule impacts have been realized during construction of the north half of the Energize Eastside transmission lines. These include the following:</p> <ul style="list-style-type: none"> <li>• Redmond construction had to be completed over two construction seasons.</li> <li>• Traffic restrictions shortened the work day and extended construction</li> <li>• Delays resulting from pipeline protection review</li> <li>• Limited construction yard availability</li> <li>• Closure of SR 520</li> <li>• The need for TCEs at key properties</li> </ul>	8/23/24
77		2024	\$501,442			\$501,442	<p>Items not included in original bid:</p> <ul style="list-style-type: none"> <li>• Underground utility conflicts</li> <li>• Additional delays due to pipeline safety approvals</li> <li>• High groundwater at SAM substation</li> <li>• Installation of ground wells</li> </ul>	10/17/24



**ENERGIZE EASTSIDE Change Order Log through 10/17/2024**

							<ul style="list-style-type: none"><li>Distribution relocation work plan development</li></ul>	
78	Y-Clevis replace-ment	2024	\$567,593			\$567,593	Replacement of key transmission line components and with approved parts.	9/24/24

CCAR

## Construction Change Approval Record

997716

4191

Proj CAR #: Old CCAR #:

5

5/23/2022

Project: Energize Eastside 230KV T-Line

Date Initiated: 4/21/2022

WO#: 111026437

Initiated or  
Requested by: ContractorProposed Change To: Scope ☒ Schedule ☒ Budget ☒ (check all that apply)

PROVIDE ALL INFORMATION RE: PROPOSED SCOPE, COST AND SCHEDULE WITHIN 10-DAYS OF INITIATION

Primary Driver: Materials

Proposed Contract Scope Change (Summarize Below with Cost and Schedule Change)

Delays in 2021 construction were a result of the following:

Critical materials were not delivered on time due to supply chain issues;

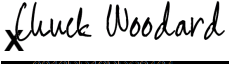
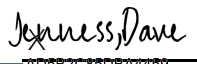
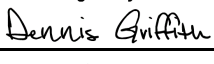
Restrictive line outages decreased wire pull lengths thereby doubling efforts;

OPL review and approval of the site specific access plans took longer than expected which prevented construction from proceeding;

Upon receiving the review/approval from OPL, additional matting was required based on their engineering analysis.

5-23-2022 DJG

Project/Contract Scope Changes Approved:

Contract Name/	Cost(\$): (not including Sales Tax)	Cost (Hrs):	Sched Impact	Attachmts:
Contractor: WILSON CONSTRUCTION CO INC CW2240146	\$1,792,467.00	1000	25	<input type="checkbox"/>
<div> <div>DocuSigned by:</div> <div></div> <div>06/03/2022</div> </div> <div> <div>3616DD12BDC2464...</div> <div>Contractor</div> <div>Wilson</div> </div> <div> <div>Date</div> <div>Wilson</div> </div>	<div> <div>DocuSigned by:</div> <div></div> <div>06/03/2022</div> </div> <div> <div>AD5B2C63DBA4439...</div> <div>Project Manager</div> <div>Jenness, Dave</div> </div> <div> <div>Date</div> </div>	<div> <div>DocuSigned by:</div> <div></div> <div>06/03/2022</div> </div> <div> <div>144CA826D10784021</div> <div>Construction Manager</div> <div>Griffith, Dennis</div> </div> <div> <div>Date</div> </div>		
<div>X</div> <div>Project Engineer</div> <div>Luu, Vu</div>	<div>X</div> <div>Construction Manager</div> <div>Griffith, Dennis</div>	<div>Date</div>		

Signatory Threshold:

- Supervisor: > 50K
- Manager: > 1 Mil
- Director: > 2.5 Mil

DocuSigned by:  
*Roque Bamba*  
X-BC203E4E58BB426...

06/03/2022

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Manager/Director

Date

Roque Bamba



## **COR # 4 2021 Delays**

Puget Sound Energy  
*Energize Eastside*

### **2021 Project Delays**

#### **1. Description of the change:**

Throughout the course of construction in the 2021 season Wilson faced several factors that delayed, and/or impacted the team's ability to complete the work as planned. These factors included lack of critical materials (Dead-ends), return to service requirements of less than 3 days due to excess heat concerns (Load office working restriction), and limitations to the ROW by OPL.

This change order covers the additional direct matting costs, and the impacts on Wilson's ability to effectively execute the work.

#### **2. Reason for the change:** (differing site conditions, delays, outage, change to the scope of the project. If a change to the scope of the project, why should this change be completed within the scope of this contract?)

##### **Outage Restrictions:**

The original scope of work allowed for longer wire pulls with both circuits being pulled in at the same time. As the project was starting the load office developed a 3-day return to service requirement for both circuits, and a need to maintain one circuit for emergencies. This required Wilson to shorten our wire pulls, and also execute the removals/installs sequentially.

The outage restrictions for 2021 have extended our efforts by doubling trips to the same structures.

##### **Dead-end Materials & Jumper Paddles:**

After completing our first conductor installation it became apparent that dead-end materials and jumper paddles were not available for an anticipated second wire pull. Additionally, Wilson was able to source the needed jumper paddles from our network of industry partners to allow us to make hole both circuits.

##### **OPL Restrictions:**

Wilson was hindered at between structures 3/8 and 4/1 due to OPL approval to work in proximity of the pipeline. Additionally, crews were restricted from accessing the Lake Tradition and 0/8 section of work due to OPL's approval process. This work would have provided more efficient access work flow, and continuity of work from 3/8 to 4/1.

Wilson is asking for the following items to be covered under this change order.

Extended crew days: 18

Extended Matting Days: 8

Extended Matting Areas: 175 lf of roads & 28,284sf of pads

Extended Matting Rent: 3 Months



**3. Why should there be an equitable adjustment to the contract?**

The equitable adjustment will allow us to recuperate the costs of delays for 2021 that were not accounted for in PSE's proposal documents, and were beyond Wilson's control.

**4. Which Line Item in the Schedule of Values this falls under?**

This work is most associated with activities within Renton, WA, and can be a stand-alone change order assigned to a location of PSE's selection.

**5. What was done to ensure the price is fair and reasonable:**

Wilson's project leadership worked diligently to accomplish work within Segment #5 through 2021, but fixed costs of remobilization, loss of effectiveness by the crews, and repeated efforts were beyond our control.

**6. Advise if the change is going to affect the period of performance / end date:**

The schedule of performance has been impacted based on many factors, and will need to be reconfirmed at a later date.

**7. Cost breakdown:**

Group	Description	Unit Price	Quantity	Ext.
Wilson Crew Days	Wilson Project Daily Rate	\$88,000	18 days	\$1,584,000
Dakota Matting	Installation Crew	\$5,800	8 days	\$46,400
Dakota Matting	Supervision	\$25,430	1.5 Months	\$38,145
Dakota Matting	Work Access Roads	\$16	175 linear feet	\$47,550
Dakota Matting	Work Access Pads	\$1.30	28,284 sqft	\$36,769
Dakota Matting	Monthly Idle Time	\$9,892	3 months	\$29,676
Subcontracted Total				\$198,540
Subcontractor Markup			5%	\$9,927
2021 Delay Value				\$1,792,467



