

New Contract Requests - December 2024							
Grant Contract Number	Counterparty	Contract Title	Estimated Contract Value	Date Submitted To Procurement	District Representative	Procurement Officer	Contract Record Type
430-12659	DataPro Solutions, Inc.	Licensing and Support Services for File 360	\$92,745.31	12/2/2024	Paula Alley	Zachery Cooper	Professional Services
12683	TBD	HEAR appliances	\$0.00	12/2/2024	Taffy Courteau	Sara Benedict	Services (Bid)
12696	TBD	Supplying 5" Aluminum Rigid Bus	\$450,000.00	12/2/2024	Chris Johnson	Nicona Butler	Material (Bid)
12697	TBD	Supply Substation Shaped Steel Structures	\$2,500,000.00	12/2/2024	Chris Johnson	Nicona Butler	Material (Bid)
12698	TBD	Supply Substation Tapered Tubular Steel Structures	\$600,000.00	12/2/2024	Chris Johnson	Nicona Butler	Material (Bid)
230-12528R	TBD	Priest Rapids Hatchery Raceway Bird Deterrence Cable Project	\$100,000.00	12/3/2024	Nathan Dietrich	Shelli Tompkins	Labor (Bid)
430-12687	CDW Government, Inc.	Adobe 2024 Renewal	\$52,652.62	12/3/2024	Patrick Prazer	Zachery Cooper	Professional Services
130-12695	Washington Potato	Washington Potato	\$47,990.80	12/3/2024	Eric Hector	Guy Wanner	Customer Requests
470-12654R	Teledyne Benthos	Acoustic Releases for Juvenile Fish Survival Studies	\$400,000.00	12/6/2024	Rolland O'Connor	Shelli Tompkins	Material (Bid)
250-12707	Public Utility District No. 1 of Chelan County	Rock Island Juvenile Bypass Trap - Facility Use Agreement	\$30,000.00	12/9/2024	Tom Dresser	Shelli Tompkins	Services (Non Bid)
130-12712	Sabey Data Center Properties	Sabey Data Center IGQ-D	\$240,000.00	12/16/2024	Eric Hector	Guy Wanner	Customer Requests
430-12713	Yooz Inc.	Non-Disclosure Agreement	\$0.00	12/16/2024	Kevin Hutchins	Leah Mauceri	Professional Services
430-12714	Medius Software, Inc.	Non-Disclosure Agreement	\$0.00	12/16/2024	Kevin Hutchins	Leah Mauceri	Professional Services
430-12592	Bridge Diagnostics, Inc.	Repair Tainter Gate Strain Gauge System at Priest Rapids and Wanapum Dams	\$300,000.00	12/17/2024	Anthony Vader	Beau Schwab	Labor (Sole Source)
130-12716	TBD	Consulting and Economic Advisory services regarding turbine power plant and related gas fuel supply exploration	\$250,000.00	12/18/2024	David Dempsey	Beau Schwab	Professional Services
12717	TBD	Furnishing Steel Poles for Monument Quincy Roundabout and the Painted Hills 230kV Taps	\$600,000.00	12/21/2024	Randy Kono	Emilie DeLong	Material (Bid)
470-12724	Coleman Oil Co. LLC	Supply Fuel for District Facilities and Crescent Bar Recreation 2025	\$950,000.00	12/30/2024	Brian Barrows	Emilie DeLong	Material (Bid)

Contracts Executed - December 2024								
Grant Contract Number	Counterparty	Contract Title	Awarded Contract Price	Contract Executed Date	Completion Date	District Representative	Procurement Officer	Contract Status
430-12656	Sundown M Ranch	Chemical Dependency Treatment Services	\$250,000.00	12/5/2024	12/31/2027	Andrew Murphy	Beau Schwab	Open
170-12250	Mindcore Technologies	230kV Vertical Break Parallel Aluminum Horizontal Mount Disconnect Switches	\$6,317,100.00	12/14/2024	12/31/2028	Derek Mashburn	Emilie DeLong	Pending Execution
470-12724	Coleman Oil Co. LLC	Supply Fuel for District Facilities and Crescent Bar Recreation 2025	\$950,000.00	12/31/2024	12/31/2025	Brian Barrows	Emilie DeLong	Open
430-12568	Grant County EDC	Agreement For Services	\$150,000.00	12/2/2024	12/31/2028	Andy Wendell	Guy Wanner	Open
130-12695	Washington Potato	Washington Potato	\$47,990.80	12/18/2024	N/A -Rebate to Customer	Eric Hector	Guy Wanner	Closed
130-12689	Flintstones Moses Lake, LLC	Okanagan Specialty Fruit	\$102,767.30	12/19/2024	N/A -Rebate to Customer	Eric Hector	Guy Wanner	Closed
140-12545	City of Quincy	Facilities Construction Agreement - Transmission Structure 16/1	-\$36,344.00	12/3/2024	6/30/2025	Randy Kono	Leah Mauceri	Open
140-12546	City of Quincy	Facilities Construction Agreement - Transmission Structure 16/5	-\$576,133.76	12/3/2024	6/30/2026	Randy Kono	Leah Mauceri	Open
430-12713	Yooz Inc.	Non-Disclosure Agreement	\$0.00	12/18/2024	12/18/2026	Kevin Hutchins	Leah Mauceri	Open
430-12714	Medius Software, Inc.	Non-Disclosure Agreement	\$0.00	12/18/2024	12/18/2026	Kevin Hutchins	Leah Mauceri	Open
430-12616	AVANTech, LLC	Professional Staff Augmentation Services	\$450,000.00	12/2/2024	12/31/2025	Lori Davis	Rebecca Diaz	Open
430-12422	BOSS Construction, Inc	Carlton Acclimation Facility - New Wells Phase 2	\$1,977,200.00	12/17/2024	9/1/2026	Deanne Pavlik-Kunkel	Rebecca Diaz	Open
230-12515R	Pumpstech LLC BDA K&N, an Impel Company	Priest Rapids Dam Oil Head Machining Units 7 - 10	\$476,936.00	12/19/2024	12/31/2029	Mark Beaulieu	Rebecca Diaz	Open
430-12374S	TK Elevator Corporation	Routine Inspection, Maintenance, Repair of Elevator Systems 2025 Through 2027	\$338,220.38	12/30/2024	12/31/2027	Richard Faber	Rebecca Diaz	Pending Execution
430-12619	Blue Space Consulting, LLC	Customer Experience Consulting	\$173,250.00	12/2/2024	12/31/2025	Lindsey McDonnell	Sara Benedict	Open
430-12628	Boulder Park, Inc.	Biosolids Beneficial Use Services for Crescent Bar Wastewater Treatment Facility	\$15,000.00	12/4/2024	12/31/2029	Carson Keeler	Shelli Tompkins	Open
430-12658	Blue Leaf Environmental, Inc.	Pacific Lamprey Management Plan Activities and Support	\$482,457.00	12/11/2024	12/31/2027	Mike Clement	Shelli Tompkins	Open
470-12480R	Advanced Telemetry Systems	Acoustic Tags - Juvenile Salmon and Steelhead	\$2,206,050.00	12/18/2024	2/26/2027	Rolland O'Connor	Shelli Tompkins	Open
430-12496	LGL Environmental Services Inc	Juvenile Salmonid Survival Studies within the Priest Rapids Project: 2025-2027	\$2,225,677.00	12/19/2024	2/29/2028	Tom Dresser	Shelli Tompkins	Open
430-12659	DataPro Solutions, Inc.	Licensing and Support Services for File 360	\$92,745.31	12/9/2024	12/31/2025	Paula Alley	Zachery Cooper	Open
430-12665	World Wide Technology, LLC	DDI - Bluecat	\$256,415.35	12/16/2024	12/16/2027	Matt Johnson	Zachery Cooper	Pending Execution
430-12668	Carahsoft Technology Corp.	Data Governance - Ave Point	\$446,489.00	12/23/2024	12/20/2027	Omar Reyes	Zachery Cooper	Pending Execution

Contracts Closed - December 2024

Grant Contract Number	Counterparty	Contract Title	Current Contract Value	Closeout Date	District Representative	Procurement Officer
430-11887	Stan's Construction and Son, LLC	Ephrata Headquarters and Ephrata Service Center Private Offices	\$73,717.00	12/4/2024	RJ Fronsman	Niconia Butler
130-12695	Washington Potato	Washington Potato	\$47,990.80	12/18/2024	Eric Hector	Guy Wanner
130-12689	Flintstones Moses Lake, LLC	Okanagan Specialty Fruit	\$102,737.30	12/19/2024	Eric Hector	Guy Wanner

Change Order Log - December 2024

Grant Contract Number	Change Order Number	Cost Change	Current Contract Value	Counterparty	Contract Title	Description of Change	Approval Level	Completion Date	Contract Executed Date	Procurement Officer
130-08756	9.00	\$0.00	\$96,500,000.00	North Sky Communications, LLC	Fiber Optic Design and Construction Services 2019-2023	Extend the Contract Close Out Date and revise Rate Schedule	4 - Senior Manager/Plant Manager	12/31/2025	12/9/2024	Beau Schwab
130-12314	1.00	\$0.00	\$50,000.00	Drayton Archaeological Research	Cultural Resources for QTEP Transmission Lines	Extend the contract Close Out Date	6 - Executive Management	3/31/2025	12/10/2024	Beau Schwab
130-08988	3.00	\$300,000.00	\$3,154,585.00	Stanley Consultants, Inc.	Owner's Engineer for Design-Build	Extend the contract Close Out Date	6 - Executive Management	12/31/2026	12/11/2024	Beau Schwab
430-11439	4.00	\$0.00	\$535,000.00	Energy West, LLC	2022 Wholesale Marketing Support from Energy West	Extend the contract Close Out Date	4 - Senior Manager/Plant Manager	12/31/2025	12/11/2024	Beau Schwab
430-11445D	1.00	\$90,000.00	\$165,000.00	WEST Consultants, Inc.	Dam Safety Engineering Services	Extend the contract Close Out Date and increase the Contract Amount	4 - Senior Manager/Plant Manager	12/31/2027	12/18/2024	Beau Schwab
430-11582A	1.00	\$0.00	\$450,000.00	Eastern Washington University	Professional Services for Cultural Resources Support	Extend the contract Close Out Date	6 - Executive Management	6/30/2026	12/19/2024	Beau Schwab
470-12234	2.00	\$49,000.00	\$999,000.00	Coleman Oil Co. LLC	Supply Fuel for District Facilities and Crescent Bar Recreation 2024	Increase Contract Price	3 - Department Manager	12/31/2024	12/16/2024	Emilie DeLong
430-11076	5.00	\$0.00	\$146,400.00	World Wide Technology, LLC	Data Center Network Modernization	Extend the Contract Completion date	4 - Senior Manager/Plant Manager	12/31/2026	12/9/2024	Guy Wanner
130-08155	4.00	\$0.00	\$385,392.00	Loomis Armored US, LLC	Armored Car Services	Extend the Contract Completion date	4 - Senior Manager/Plant Manager	12/31/2025	12/10/2024	Guy Wanner
130-10664	1.00	\$0.00	\$0.00	Microsoft Corporation	Mobile Substation License Agreement - MWH06	Extend the term for 2 years.	5 - Director	12/16/2026	12/17/2024	Leah Mauceri
130-12440	2.00	\$1,500.00	\$139,748.68	Stan's Construction and Son, LLC	Ephrata Service Center Electronic Shop Office Improvements	Increase the Contract Price.	2 - Department Supervisor	1/19/2025	12/4/2024	Niconia Butler
170-10049	5.00	\$19,346,743.85	\$47,758,749.85	WEG Transformers USA	Supplying Power Transformers - Alternate Source	Increase the NTE Contract Price and Extend the Contract Completion date.	7 - Commission	9/30/2028	12/12/2024	Niconia Butler
130-12440	3.00	\$0.00	\$139,748.68	Stan's Construction and Son, LLC	Ephrata Service Center Electronic Shop Office Improvements	Extend the Substantial and Final Completon Date.	2 - Department Supervisor	1/30/2025	12/20/2024	Niconia Butler
230-12515R	1.00	\$0.00	\$476,936.00	Pumpteck LLC BDA K&N, an Impel Company	Priest Rapids Dam Oil Head Machining Units 7 - 10	Updated ITB Section 12 Payment & Performance Bond	3 - Department Manager	12/31/2029	12/24/2024	Rebecca Diaz
430-09814	3.00	\$45,000.00	\$285,000.00	PFM Asset Management, LLC	Treasury Asset Advisor Service	Increase Contract Price and Extend Contract Completion Date	Senior Manager	12/31/2027	12/30/2024	Rebecca Diaz
430-11275	3.00	\$120,000.00	\$480,000.00	Washington 2 Advocates LLC	Professional Federal and Regional Affairs Consulting Services	Extending the contract by one year to now expire at the end of 2025. As well as increasing the total dollar amount by \$120,000 or \$10,000 a month.	6 - Executive Management	12/31/2025	12/10/2024	Sara Benedict
430-09893	5.00	\$65,000.00	\$380,000.00	Bill Clarke, Attorney at Law and Government Affairs	Professional Services for Communications and Public Policy Strategies for State and Regional Support for Hydropower and other District Issues	Increase Contract Price and Extend Contract Completion Date	4 - Senior Manager/Plant Manager	12/31/2025	12/11/2024	Sara Benedict
430-11274	3.00	\$168,600.00	\$652,800.00	D. Rohr and Associates, Inc.	Professional facilitation and strategic consulting services	Increase Contract Price and Extend Contract Completion Date	6 - Executive Management	12/31/2025	12/18/2024	Sara Benedict
260-11386	1.00	\$0.00	Not Tracked	Confederated Tribes and Bands of the Yakama Nation	Not Tracked - YN Priest Rapids Hatchery Facility Use Agreement 2022-2029	Extend contract completion date.	3 - Department Manager	12/31/2029	12/5/2024	Shelli Tompkins
430-HFA 602-74H	1.00	\$30,936.00	\$204,198.40	Okanagan Nation Alliance	Penticton Dam Fish Passage - Okanagan Lake Dam East Salmon Passage	Increase Contract Price.	3 - Department Manager	12/31/2024	12/9/2024	Shelli Tompkins
430-11083	2.00	\$147,267.45	\$8,076,792.45	Central Washington Management Group LLC	Crescent Bar Recreation Area Operations & Maintenance	Replace Attachments B., C., D., E., and Add additional location to be added for Maintenance as Attachment "M". Increase contract price for additional location.	6 - Executive Management	12/31/2026	12/16/2024	Shelli Tompkins
430-09222	5.00	\$460,163.80	\$1,873,071.80	UKG Inc.	Human Capital Management System	Increase Contract Price and Extend Contract Completion Date	1 - District Representative	11/30/2026	12/2/2024	Zachery Cooper
430-08163	2.00	\$250,000.00	\$1,000,000.00	PFM Financial Advisors	Financial Advisory Services	Increase Contract Price and Extend Contract Completion Date	6 - Executive Management	12/31/2025	12/9/2024	Zachery Cooper
130-3922	8.00	\$324,045.72	\$1,713,209.44	Arcos LLC	Professional Services to Implement Arcos Callout System	Increase the contract price and extend the contract completion date of Mobile Workbench only through 2027.	7 - Commission	12/13/2027	12/12/2024	Zachery Cooper
430-09054	5.00	\$0.00	\$50,000.00	Right! Systems, Inc.	Technology Consultant Services	Extend contract completion date.	6 - Executive Management	12/31/2025	12/19/2024	Zachery Cooper

Contract Completion Report - December 2024

Grant Contract Number	Contract Status	Counterparty	Contract Title	Current Contract Value	Completion Date	District Representative	Procurement Officer
130-07810SR	In Close Out	Dan Booth Electric	Meter Base Repairs and Replacements	\$131,750.00	9/30/2019	Annette Lovitt	Patrick Bishop
130-4026	In Close Out	Anixter, Inc.	Supply and Install an Advanced Metering Infrastructure (AMI)	\$14,562,291.69	12/31/2019	Annette Lovitt	Patrick Bishop
330-2251	In Close Out	GE Steam Power, Inc.	Generator Upgrade of Ten Units for Wanapum Dam	\$154,262,318.36	12/31/2021	Jeff Niehenke	Rebecca Diaz
130-09331HR	In Close Out	Potelco, Inc.	Dock Crew 2019-2021	\$16,628,039.00	3/31/2022	William Coe	Patrick Bishop
430-3988	In Close Out	Confederated Tribes and Bands of the Yakama Nation	White River Juvenile Monitoring	\$579,335.98	6/1/2022	Rolland O'Connor	Shelli Tompkins
430-3989	In Close Out	Confederated Tribes and Bands of the Yakama Nation	Juvenile Monitoring in Nason Creek	\$482,088.54	6/1/2022	Rolland O'Connor	Shelli Tompkins
130-11077	In Close Out	Contract Resource Group	2022 District Furniture Supply and Install	\$193,580.91	12/30/2022	Mike Harr	Nicona Butler
430-4205R	In Close Out	Think Tank Sanitation, Inc.	Supply and Service Outside Restrooms and Maintenance of Septic Systems	\$773,900.00	5/31/2023	Tom Hardie	Nicona Butler
130-4026A	In Close Out	Anixter, Inc.	Supply and Install an Advanced Metering Infrastructure (AMI) - Ongoing Services	\$1,819,702.00	6/30/2023	John Kemman	Shelli Tompkins
430-11188R	In Close Out	Stan's Construction and Son, LLC	Saddle Mountain & Beezley Hill Radio Site Building Reroof - Rebid	\$133,700.00	6/30/2023	Tim Fleisher	Nicona Butler
430-11919	In Close Out	Blue Leaf Environmental, Inc.	White Sturgeon Broodstock Collection Program - 2023	\$81,727.73	7/28/2023	Mike Clement	Shelli Tompkins
130-09956	In Close Out	Avineon, Inc.	Data Migration Implementation Services for GIS System	\$813,204.00	9/30/2023	Ken Smith	Nicona Butler
130-12078S	In Close Out	Tommer Construction Co. Inc.	Quincy Foothills Substation Access Road	\$233,000.00	10/27/2023	David Klinkenberg	Nicona Butler
130-11131H	In Close Out	Potelco, Inc.	Dock Crew 2022-2023	\$13,394,123.80	12/28/2023	William Coe	Nicona Butler
130-08186HR	In Close Out	KVA Electric, Inc.	Power Transformer: Labor and Services	\$2,484,085.94	12/31/2023	Angel Barahona-Sanchez	Nicona Butler
430-10901	In Close Out	Beck Botanical Services	RTE Plant Monitoring	\$74,000.00	12/31/2023	Joseph LeMoine	Shelli Tompkins
430-HFA 602-58H	In Close Out	Washington State Department of Fish and Wildlife	Icicle-Peshastin Irrigation District Fish Screen	\$1,167,400.00	12/31/2023	Dave Duvall	Shelli Tompkins
430-11181	In Close Out	Columbia Research Specialists, LLC	Columbia Research Specialists, LLC Northern Pikeminnow Fishing Contract 2022-2023	\$360,000.00	12/31/2023	Nathan Dietrich	Shelli Tompkins
430-HFA 602-71H	In Close Out	Cascade Columbia Fisheries Enhancement Group	Big Meadow Creek Fish Passage	\$321,740.00	12/31/2023	Dave Duvall	Shelli Tompkins
430-11847R	In Close Out	Stan's Construction and Son, LLC	Remediation of Moses Lake Service Center Yard Stormwater System - Rebid	\$157,300.00	12/31/2023	Nick Bare	Nicona Butler
230-08636	In Close Out	IMCO General Construction, Inc.	Priest Rapids Right Embankment Improvement Project	\$60,981,690.20	1/19/2024	Christopher Steinmetz	Beau Schwab
230-08805	In Close Out	Vorticity Consulting, LLC	Ambient Air Particulate (dust) Sampling Program for the Priest Rapids Dam Embankment Improvement Project	\$188,199.00	2/29/2024	Carson Keeler	Shelli Tompkins
430-10833	In Close Out	WSP USA, Inc	White Sturgeon Management Plan Monitoring and Evaluation Program 2021 - 2023	\$995,970.00	3/31/2024	Mike Clement	Shelli Tompkins
140-11676	In Close Out	City of Quincy	Design Agreement	-\$90,249.00	3/31/2024	Randy Kono	Leah Mauceri
430-11908	In Close Out	Four Peaks Environmental Science and Data Solutions	Priest Rapids Project Sub-yearling Chinook Evaluation Study	\$320,649.00	4/30/2024	Curtis Dotson	Shelli Tompkins
230-12204S	In Close Out	Wesslen Construction Inc.	Install Ships Ladder on Vernita Bridge	\$57,378.00	4/30/2024	Anthony Vader	Beau Schwab
430-08649	In Close Out	Pythian Services USA, Inc.	Enterprise Database Support	\$640,200.00	5/31/2024	Paula Alley	Zachery Cooper
130-12019	In Close Out	ATS Inland NW	Ephrata Headquarters HVAC Control System Upgrade	\$250,240.00	6/14/2024	RJ Fronsman	Nicona Butler
130-11724H	In Close Out	Sturgeon Electric	West Canal and Quincy Foothills Transmission Labor Contract	\$1,495,823.05	6/28/2024	Chris Heimbigner	Nicona Butler

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Grant Contract Number	Contract Status	Counterparty	Contract Title	Current Contract Value	Completion Date	District Representative	Procurement Officer
430-10921	In Close Out	Washington State Department of Fish and Wildlife	Priest Rapids Hatchery M&E	\$1,136,055.00	6/30/2024	Todd Pearsons	Shelli Tompkins
430-10967	In Close Out	Washington State Department of Fish and Wildlife	Priest Rapids Hatchery O&M	\$3,492,559.00	6/30/2024	Eric Lauver	Shelli Tompkins
430-11479	In Close Out	Washington State Department of Fish and Wildlife	Nason Creek Acclimation Facility O&M	\$459,452.00	6/30/2024	Eric Lauver	Shelli Tompkins
430-11044	In Close Out	Confederated Tribes and Bands of the Yakama Nation	White Sturgeon Juvenile Supplementation Program	\$525,883.12	7/31/2024	Mike Clement	Shelli Tompkins
430-12309	In Close Out	Blue Leaf Environmental, Inc.	White Sturgeon Broodstock Collection and Transportation	\$84,563.22	7/31/2024	Mike Clement	Shelli Tompkins
430-11055	In Close Out	Fish Passage Engineering, PLLC	PRCC/PRCC Policy Facilitation	\$205,525.00	8/1/2024	Tom Dresser	Shelli Tompkins
140-11845	In Close Out	NextEra Energy Resources Interconnection Holdings, LLC	Affected System Study - G0656	-\$40,000.00	8/29/2024	Susan Manville	Leah Mauceri
140-11846	In Close Out	NextEra Energy Resources Interconnection Holdings, LLC	Affected System Study - G0668	-\$40,000.00	8/29/2024	Susan Manville	Leah Mauceri
430-11104	In Close Out	Carahsoft Technology Corp.	FireEye Managed Defense	\$682,612.25	8/30/2024	Don Lester	Nicona Butler
230-10830S	In Close Out	Pumptech LLC BDA K&N, an Impel Company	Priest Rapids Dam Oil Head Machine Shop Units 4-6	\$160,645.01	9/1/2024	Tristan Poteet	Rebecca Diaz
430-12080	In Close Out	Verve Industrial Protection	Verve Industrial Protection	\$41,000.00	9/12/2024	Don Lester	Zachery Cooper
130-12043	In Close Out	Advanced Electric and Alarm Systems, Inc	Ephrata Headquarters Fire Alarm System Replacement	\$251,463.79	9/25/2024	RJ Fronsman	Nicona Butler
330-12282S	In Close Out	Western Machine Works, LLC	Upgrade Spare Trunnion Pins at Wanapum Dam	\$122,300.00	9/27/2024	Anthony Vader	Beau Schwab
430-11551	In Close Out	W.B. Sprague Company	District Wide Insecticide/Pesticide Spraying	\$133,190.00	9/30/2024	Lori Davis	Nicona Butler
260-07464	In Close Out	Confederated Tribes and Bands of the Yakama Nation	Not Tracked - Yakama - OLAFT Facilities Use Agreement	\$0.00	10/1/2024	Tim Taylor	Shelli Tompkins
430-12150	In Close Out	SHI International Corp	2023 Annual AutoCAD Maintenance Renewal	\$65,311.07	10/29/2024	Charles Meyer	Zachery Cooper
130-08668	In Close Out	Public Utility District No. 1 of Douglas County, Washington	Douglas County Fiber and Facilities	\$261,840.00	10/31/2024	Kevin McKee	Guy Wanner
430-10630	In Close Out	BioAnalysts Incorporated	Hatchery Monitoring and Evaluation Analyses and Reporting	\$398,018.00	10/31/2024	Tim Taylor	Shelli Tompkins
430-11346R2	In Close Out	KJ's Lawn Care and Maintenance	District Wide Grounds Maintenance - Rebid	\$209,650.00	10/31/2024	Lori Davis	Nicona Butler
430-HFA 602-69H	In Close Out	Methow Salmon Recovery Foundation	Sage Sugar Acquisition	\$60,809.70	10/31/2024	Dave Duvall	Shelli Tompkins
130-12084	In Close Out	Black Forest Foundation, Inc. dba Black Forest Finishing	Ephrata Service Center Storage Rack Improvement	\$229,099.99	10/31/2024	Maria Wren	Nicona Butler
430-HFA 601-43H	In Close Out	Quincy Valley Chamber of Commerce - Quincy Valley Tourism Association	2024 Northern Pikeminnow Fishing Derby	\$25,000.00	10/31/2024	Tom Dresser	Shelli Tompkins
230-12364	In Close Out	Central Washington Asphalt, Inc.	Martinez Roadway Repair	\$549,000.00	10/31/2024	Christopher Steinmetz	Beau Schwab
470-12371	In Close Out	Altec Industries	Altec AT238P	\$168,627.00	10/31/2024	Brian Barrows	Emilie DeLong
330-12179S	In Close Out	Contech Services Inc	WAN Expansion Joint Sealing and Fillers	\$36,350.00	11/1/2024	Anthony Vader	Rebecca Diaz
170-12412	In Close Out	Laminated Wood Systems, Inc.	Furnishing Laminated Wood Structures for the Larson - Stratford Project	\$2,077,729.00	11/1/2024	Derek Mashburn	Emilie DeLong
330-12368	In Close Out	Northbank Civil and Marine, Inc.	Replace Tainter Gate 12 Trunnion Pins in Wanapum Dam Spillway	\$373,075.00	11/20/2024	Anthony Vader	Beau Schwab
470-12551	In Close Out	Altec Industries	Purchase of Dodge Chipbody Truck	\$134,366.00	11/29/2024	Brian Barrows	Emilie DeLong
470-12552	In Close Out	Altec Industries	Purchase of Ford Chip Body Truck	\$135,471.00	11/29/2024	Brian Barrows	Emilie DeLong
130-11695H	In Close Out	Potelco, Inc.	Quincy Foothills Substation Labor Contract	\$7,880,355.18	11/30/2024	David Klinkenberg	Nicona Butler
130-11694HR	In Close Out	Potelco, Inc.	West Canal Substation Labor Contract - Rebid	\$6,052,431.32	11/30/2024	David Klinkenberg	Nicona Butler
130-12219	In Close Out	Phaidon International	Recruitment Services Agreement	\$250,000.00	12/15/2024	Jesus Lopez	Emilie DeLong

Contract Completion Report - December 2024

Grant Contract Number	Contract Status	Counterparty	Contract Title	Current Contract Value	Completion Date	District Representative	Procurement Officer
130-11923	In Close Out	Alamon, Inc.	Labor and materials to Test and Treat District Distribution and Fiber Poles 2023-2024	\$757,419.00	12/26/2024	William Coe	Nicona Butler
430-3558	In Close Out	Grant County EDC	Economic Development	\$333,500.00	12/31/2024	Andy Wendell	Guy Wanner
430-4179	In Close Out	DataPro Solutions, Inc.	Licensing and Support Services for File 360	\$601,593.31	12/31/2024	Paula Alley	Zachery Cooper
130-4194	In Close Out	Cogsdale Corporation	2016 Cogsdale Support and Maintenance	\$728,691.31	12/31/2024	Paula Alley	Zachery Cooper
130-08409	In Close Out	GDS Associates, Inc.	Rate Design	\$700,000.00	12/31/2024	Andrew Grassell	Rebecca Diaz
430-09054	In Close Out	Right! Systems, Inc.	Technology Consultant Services	\$50,000.00	12/31/2024	Matt Johnson	Zachery Cooper
430-09818	In Close Out	Ergonare, Inc.	Maximo Consulting Services	\$405,000.00	12/31/2024	Paula Alley	Zachery Cooper
430-10038	In Close Out	DocuLynx Operations, LLC	Record Scanning and Conversion Services	\$120,000.00	12/31/2024	Beverly Peterson	Sara Benedict
430-10585	In Close Out	Contoural, Inc.	Contoural Information Governance 2	\$404,083.00	12/31/2024	Beverly Peterson	Sara Benedict
430-10757	In Close Out	Boulder Park, Inc.	BioSolids Beneficial Use Services for Crescent Bar	\$15,000.00	12/31/2024	Carson Keeler	Shelli Tompkins
430-10949	In Close Out	Black & Veatch Corporation	Oil Storage Room CO2 Removal and Sprinkler Design	\$260,000.00	12/31/2024	Jason Michelbook	Rebecca Diaz
230-10956	In Close Out	Bridge Diagnostics, Inc.	PRD Trunnion Anchor UT Services	\$387,625.00	12/31/2024	Anthony Vader	Beau Schwab
120-11030	In Close Out	Avangrid Renewables, LLC	Not Tracked - PRP Slice Contract		12/31/2024	Rich Flanigan	Leah Mauceri
430-11073S	In Close Out	TK Elevator Corporation	Routine Inspection, Maintenance, Repair of Elevator Systems	\$162,141.07	12/31/2024	Richard Faber	Rebecca Diaz
430-11076	In Close Out	World Wide Technology, LLC	Data Center Network Modernization	\$146,400.00	12/31/2024	Eugene Anderson	Guy Wanner
470-11085	In Close Out	Altec Hiline LLC	Purchase of Two Altec TA60 Bucket Trucks	\$696,472.00	12/31/2024	Brian Barrows	Emilie DeLong
430-11109	In Close Out	Trupp HR, Inc.	Employee Policies and Out of State help	\$75,000.00	12/31/2024	Tod Ayers	Guy Wanner
430-11110	In Close Out	Trupp HR, Inc.	Compensation Consultant	\$60,000.00	12/31/2024	Tod Ayers	Guy Wanner
130-10837D	In Close Out	MacKay and Sposito, Inc.	Professional Engineering Services through 2024 - Construction Management Support	\$8,000,000.00	12/31/2024	Travis Wiser	Nicona Butler
430-11255	In Close Out	Blue Leaf Environmental, Inc.	Pacific Lamprey Management Plan Research Activities	\$418,395.00	12/31/2024	Mike Clement	Shelli Tompkins
430-11406	In Close Out	Network & Security Technologies, Inc.	Network & Security Technologies Internal Controls Project	\$135,000.00	12/31/2024	Nikkee Hebdon	Rebecca Diaz
430-11605	In Close Out	OAC Services	Owner's Representative for Power Delivery Facilities Progressive Design-Build	\$1,570,243.00	12/31/2024	Nick Bare	Nicona Butler
170-11607	In Close Out	Altec Industries	Purchase of Altec TA60 bucket truck with EZ TRAC 4x4	\$383,558.00	12/31/2024	Brian Barrows	Emilie DeLong
430-HFA 602-70H	In Close Out	Okanagan Nation Alliance	Trout Creek Stage 1 Construction	\$128,026.00	12/31/2024	Dave Duvall	Shelli Tompkins
430-11770	In Close Out	McKinstry Essention LLC	Professional Services for Maintenance Management - Workflow	\$287,861.60	12/31/2024	Mike Harr	Nicona Butler
430-11771	In Close Out	McKinstry Essention LLC	Professional Services for Maintenance Management - Performance & Data Analytics	\$301,330.00	12/31/2024	Mike Harr	Nicona Butler
430-11772	In Close Out	McKinstry Essention LLC	Professional Services for Maintenance Management - Management Systems	\$96,737.40	12/31/2024	Mike Harr	Nicona Butler
130-11803	In Close Out	Stanley R. Niman	Headwater Benefit Calculation Analysis	\$50,000.00	12/31/2024	Phillip Law	Beau Schwab
430-11810	In Close Out	Beecher Carlson Insurance Services, LLC	Pipino COI Services	\$70,000.00	12/31/2024	Lia Gunderson	Sara Benedict
130-11934	In Close Out	Southwest Power Pool, Inc	Not Tracked - SPP Markets+ Funding Agreement	\$200,000.00	12/31/2024	Rich Flanigan	Beau Schwab
430-HFA 602-74H	In Close Out	Okanagan Nation Alliance	Penticton Dam Fish Passage - Okanagan Lake Dam East Salmon Passage	\$204,198.40	12/31/2024	Dave Duvall	Shelli Tompkins
130-12121	In Close Out	Basin Tree and Pest Service	Distribution Line Tree Trimming and Removal Services to December 31, 2024	\$2,069,688.45	12/31/2024	William Coe	Nicona Butler
430-12202	In Close Out	TDI Technologies, Inc.	TDI ConsoleWorks Implementation For New EMS Environment	\$30,000.00	12/31/2024	Don Lester	Zachery Cooper
470-12234	In Close Out	Coleman Oil Co. LLC	Supply Fuel for District Facilities and Crescent Bar Recreation 2024	\$999,000.00	12/31/2024	Brian Barrows	Emilie DeLong
470-12255	In Close Out	Columbia Ford Lincoln Hyundai/Bud Clary	fiber servicebody trucks	\$168,688.00	12/31/2024	Brian Barrows	Emilie DeLong

Contract Completion Report - December 2024

Grant Contract Number	Contract Status	Counterparty	Contract Title	Current Contract Value	Completion Date	District Representative	Procurement Officer
470-12292	In Close Out	Altec Industries	Altec T40P bucket truck	\$262,276.00	12/31/2024	Brian Barrows	Emilie DeLong
470-12293	In Close Out	Altec Industries	2 Altec splice van/bucket truck	\$267,854.00	12/31/2024	Brian Barrows	Emilie DeLong
470-12294	In Close Out	Altec Industries	Purchase of RL9 underground truck	\$185,777.00	12/31/2024	Brian Barrows	Emilie DeLong
130-12295	In Close Out	Aubrey Silvey Enterprises, Inc.	Power Transformer Vacuum Oil-Fill	\$605,440.84	12/31/2024	Chris Johnson	Nicona Butler
470-12299	In Close Out	Altec Industries	Purchase altec At238p placer bucket	\$163,215.00	12/31/2024	Brian Barrows	Emilie DeLong
470-12301	In Close Out	NC Machinery	Dozer Replacement	\$266,724.60	12/31/2024	Brian Barrows	Emilie DeLong
430-12366	In Close Out	GEM Resourcing LLC	Business Data Architect Recruitment Services	\$65,000.00	12/31/2024	Tod Ayers	Guy Wanner
430-12404	In Development	TBD	Ephrata Headquarters & Moses Lake Service Center UPS System Replacement		12/31/2024	RJ Fronsman	Nicona Butler
430-12494	In Close Out	Sapere Consulting	Consulting Services - Transmission Business Unit	\$60,000.00	12/31/2024	Jeff Grizzel	Sara Benedict
130-12529S	In Close Out	Tommer Construction Co. Inc.	Quincy Transmission Expansion Project Wire Laydown Yard	\$213,000.00	12/31/2024	Jason Stordahl	Nicona Butler
470-12550	In Close Out	Cal-Line Northwest, LLC.	Purchase of Two Bandit 18" Chippers	\$150,876.00	12/31/2024	Brian Barrows	Emilie DeLong
430-12611S	In Close Out	Tyco Industrial LLC	Royal City Local Office Covered Parking Replacement/Installation of Insulation and metal roofing material	\$54,750.00	12/31/2024	Joseph McDaniel	Zachery Cooper
140-12251	Open	J.R. Simplot Company	Non-Disclosure Agreement	\$0.00	1/4/2025	Christopher Buchmann	Leah Mauceri
160-10066	Open	City of Ephrata	Pole Attachment Service Agreement		1/16/2025	Gary Carroll	Leah Mauceri
130-12440	Open	Stan's Construction and Son, LLC	Ephrata Service Center Electronic Shop Office Improvements	\$139,748.68	1/30/2025	RJ Fronsman	Nicona Butler
230-08144	Open	Tatro Hinds Advanced Concrete Engineering, Inc.	Priest Rapids Right Embankment Remediation Board of Consultants	\$125,000.00	1/31/2025	Christopher Steinmetz	Beau Schwab
140-10306	Open	Sabey Data Center Properties	Large Power Facilities Agreement - Building D	-\$14,598,324.00	1/31/2025	Vanessa Villela	Leah Mauceri
140-11946	Open	El Oro Cattle Feeders	Large Power Facilities Agreement	-\$699,992.00	1/31/2025	Vanessa Villela	Leah Mauceri
470-12483	Open	Central Machinery Sales Inc	JCB 950-T99	\$134,129.40	1/31/2025	Brian Barrows	Emilie DeLong
430-12639S	Out for Bid	TBD	Commission Room AV Upgrade		1/31/2025	Matt Johnson	Zachery Cooper
430-12664S	Bid Evaluation	TBD	Office Furniture and Equipment Relocation		1/31/2025	Maria Wren	Nicona Butler
430-12253	Open	CompuNet, Inc.	Splunk Professional Services	\$54,978.00	2/1/2025	Joel Curry	Guy Wanner
430-11347	Open	IVOXY Consulting, Inc.	VMware ELA	\$652,776.00	2/3/2025	Matt Johnson	Zachery Cooper
130-09453	Open	Oracle America, Inc.	Customer Participation Confidentiality Agreement	\$0.00	2/12/2025	Crystal James	Leah Mauceri
430-12289	Open	Amperon Holdings, Inc.	Non-Disclosure Agreement	\$0.00	2/12/2025	Michael Frantz	Leah Mauceri
430-12288	Open	CorSource Technology Group, LLC	Non-Disclosure Agreement	\$0.00	2/13/2025	Rob Grutko	Leah Mauceri
140-10847	Open	Vantage Data Centers Management Company, LLC	Large Power Facilities Agreement - WA13	-\$15,585,213.00	2/15/2025	Vanessa Villela	Leah Mauceri
160-10162	Open	Astound Broadband, LLC	Pole Attachment License Agreement		2/25/2025	Gary Carroll	Leah Mauceri
430-08136	Open	Public Utility District No. 1 of Douglas County, Washington	Carlton Acclimation Facility Operation	\$1,342,955.00	2/28/2025	Eric Lauver	Shelli Tompkins
430-10894	Open	Biomark, LLC.	Professional Services for Operations and Maintenance of PIT tag Systems	\$100,000.00	2/28/2025	Rolland O'Connor	Shelli Tompkins
430-11101	Open	Confederated Tribes and Bands of the Yakama Nation	Nason Creek smolt monitoring	\$234,349.87	2/28/2025	Rolland O'Connor	Shelli Tompkins
430-11102	Open	Confederated Tribes and Bands of the Yakama Nation	White River smolt monitoring	\$277,964.31	2/28/2025	Rolland O'Connor	Shelli Tompkins
140-11199	Open	ETH Investment LLC	Large Power Facilities Agreement	-\$670,346.00	2/28/2025	Vanessa Villela	Leah Mauceri
430-11582B	Open	Environmental Science Associates	Professional Services for Cultural Resources Support	\$450,000.00	2/28/2025	Matthew Johnson	Beau Schwab

Contract Completion Report - December 2024							
Grant Contract Number	Contract Status	Counterparty	Contract Title	Current Contract Value	Completion Date	District Representative	Procurement Officer
170-11777	Open	Stuart C Irby Company	Supplying ACSR & AAC Conductor for the Quincy Transmission Expansion Plan (QTEP)	\$7,016,236.58	2/28/2025	Derek Mashburn	Emilie DeLong
140-11871	Open	Group14 Technologies, Inc.	Large Power Facilities Agreement	-\$6,507,714.00	2/28/2025	Vanessa Villela	Leah Mauceri
430-12246	Open	Four Peaks Environmental Science and Data Solutions	2024 Fish Count Program	\$361,151.59	2/28/2025	Dave Duvall	Shelli Tompkins
430-12311	Open	GEM Resourcing LLC	Recruitment Services Agreement	\$50,000.00	2/28/2025	Mitchell Delabarre	Leah Mauceri
470-12372	Open	Altec Industries	Altec AC30 265 replacement	\$387,412.00	2/28/2025	Brian Barrows	Emilie DeLong
430-12393	Open	Chartwell, Inc.	Customer Experience Strategy	\$330,000.00	2/28/2025	Lindsey McDonnell	Nicona Butler
470-12571	Open	Altec Industries	Purchase of Altec LR8-60e70	\$281,904.74	2/28/2025	Brian Barrows	Emilie DeLong
470-12572	Open	Altec Industries	purchase of altec lr8-60e70	\$285,547.74	2/28/2025	Brian Barrows	Emilie DeLong
130-12514H	Open	Potelco, Inc.	Larson - Stratford 115kv Relocation Construction	\$1,349,774.94	3/3/2025	Tyler DeLong	Nicona Butler
430-12312	Open	TESLA, Inc.	Non-Disclosure Agreement	\$0.00	3/6/2025	Paul Dietz	Leah Mauceri
430-11351	Open	V2R Consulting Group, LLC	Strategy Deployment Consultation Services	\$493,650.00	3/30/2025	Jeff Grizzel	Guy Wanner
330-06858	Open	Jason Needham, PE	Peer Review - Loss of Life Analysis	\$35,000.00	3/31/2025	Christopher Steinmetz	Beau Schwab
130-08919	Open	Aubrey Silvey Enterprises, Inc.	Project Management Consulting	\$50,000.00	3/31/2025	David Klinkenberg	Beau Schwab
430-09076	Open	Beecher Carlson Insurance Services, LLC	Insurance Brokerage and Risk Management Services	\$513,000.00	3/31/2025	Lia Gunderson	Sara Benedict
130-09724	Open	Quanta Infrastructure Solutions Group, LLC	Grant County Load Growth Project	\$104,609,829.40	3/31/2025	David Klinkenberg	Beau Schwab
430-11383	Open	TMG Consulting	TMG Monitoring	\$173,600.00	3/31/2025	Paula Alley	Zachery Cooper
430-HFA 601-41H	Open	Real Time Research Inc	Avian Predation on ESA-listed Juvenile Salmonids on the Middle Columbia River, 2023	\$620,344.00	3/31/2025	Tom Dresser	Shelli Tompkins
430-12310	Open	Samsara	Samsara telematics 1 year renewal	\$157,476.72	3/31/2025	Brian Barrows	Zachery Cooper
130-12314	Open	Drayton Archaeological Research	Cultural Resources for QTEP Transmission Lines	\$50,000.00	3/31/2025	Matthew Johnson	Beau Schwab
140-12370	Open	Salcido Enterprises, LLC	Demand Response Pilot Master Agreement	\$0.00	3/31/2025	Dave Churchman	Leah Mauceri
170-12390	Open	CXT Incorporated	Grand Coulee Local Office Fiber Hut	\$145,688.78	3/31/2025	RJ Fronsman	Nicona Butler
140-12394	Open	Fortress Blockchain US Holdings Corp	Demand Response Pilot Master Agreement		3/31/2025	Dave Churchman	Leah Mauceri
140-12395	Open	Bit Capital Group, LLC	Demand Response Pilot Master Agreement		3/31/2025	Dave Churchman	Leah Mauceri
140-12398	Open	Backbone Mining	Demand Response Pilot Master Agreement		3/31/2025	Dave Churchman	Leah Mauceri
140-12399	Open	East Wheeler Development LLC	Demand Response Pilot Master Agreement		3/31/2025	Dave Churchman	Leah Mauceri
140-12407	Open	MKH Electric City Holdings LLC	Demand Response Pilot Master Agreement	\$0.00	3/31/2025	Dave Churchman	Leah Mauceri
140-12408	Open	W Rock, LLC	Demand Response Pilot Master Agreement	\$0.00	3/31/2025	Dave Churchman	Leah Mauceri
140-12409	Open	Chris D. Vizona dba Suncure Pellet	Demand Response Pilot Master Agreement		3/31/2025	Dave Churchman	Leah Mauceri
430-HFA 602-81H	Open	Okanagan Nation Alliance	Shuttleworth Creek Diversion Removal	\$27,087.00	3/31/2025	Dave Duvall	Shelli Tompkins
430-12357	Open	TRC Solutions, Inc.	Non-Disclosure Agreement	\$0.00	4/9/2025	Rob Grutko	Leah Mauceri
430-11933R	Open	WHECO Corporation	Link-Belt HC-228H Repair and Service Life Extension	\$382,913.57	4/10/2025	Timothy Boswell	Rebecca Diaz
430-11910	Open	Power Systems Mfg., LLC, a Hanwha Company	Non-Disclosure Agreement		4/17/2025	David Dempsey	Leah Mauceri
160-10385	Open	Fatbeam, LLC	Pole Attachment License Agreement		4/29/2025	Gary Carroll	Leah Mauceri
130-3321	Open	City of Mattawa, Washington	ILA for District Payment Station at City of Mattawa	\$406,000.00	4/30/2025	Jason Scheel	Guy Wanner
430-10966	Open	Total Resource Management	2021 Annual Maximo Maintenance Renewal	\$461,779.22	4/30/2025	Paula Alley	Zachery Cooper
430-11815	Open	Northwest Anthropology, LLC	Wanapum Interface Office Cultural Resources Support	\$400,000.00	4/30/2025	Alyssa Buck	Beau Schwab

MEMORANDUM

January 22, 2025

TO: Rich Wallen, General Manager/Chief Executive Officer

FROM: John Mertlich, Chief Commercial Officer *John Mertlich* Jan 22, 2025
Rich Flanigan, Senior Manager of Trading & Commercial Operations
Paul Dietz, Senior Manager of Forecasting & Market Analysis
Dawn Van Diest, Staff Attorney II

VIA: Angelina Johnson, Senior Manager of Treasury & Financial Planning
Amy Thompson, Senior Financial Analyst

SUBJECT: Funding for Phase II of the Southwest Power Pool's Markets+

Purpose:

Commitment to funding the Southwest Power Pool's (SPP) implementation of Markets+. The funding agreement (SPP's Phase II Funding Agreement) will not be finalized until SPP has commitments from prospective Markets+ participants. This process is unique and has the District making a commitment (non-binding before contracting) before the final cost is known. Our current estimate is that the total cost (including financing) to the District is \$3.4M to \$4.1M. The uniqueness is part and parcel to a first of kind development for an organized market in the western interconnect and that SPP is looking for assurance for a large enough starting pool of participants to move into market implementation. Implementation includes operationalizing the Markets+ market design that has been the multi-year collaboration between SPP and a diverse group of western electric marketing entities. The funding agreement will require collateral be provided to SPP through a letter of credit (LOC) in the amount of ~\$3.2M (this is a current estimate based on information as of the end of 2024 – see Financial Considerations section). The collateral would be facilitated through the existing hybrid credit facility:

- Electric System Revenue Notes, Series 2024-W (revolving credit facility)
 - Resolution No. 9046
 - LOC provision by JP Morgan
- The LOC is currently available to collateralize power purchase contracts, energy hedge agreements, and other contracts of the District in connection with the purchase and sale of electric energy.

Once the funding agreement is finalized, contracting between SPP and Markets+ participants will begin. Our anticipation is that contracting will take place in mid-February, thus requiring a quick turn for Commission approvals and extension of collateral.

Discussion:**Development of Organized Markets in the West**

Unlike the majority of the North American grid, the western interconnect does not have a major Independent System Operator (ISO), Regional Transmission Operator (RTO), or an organized two-settlement market with a large geographic footprint across the West. Historically, outside of the California Independent System Operator (CAISO), western interconnect energy trading has been bi-lateral in nature with each trading entity responsible for coordination of forward, day-ahead, and real-time transactional activity (this is especially true West of the Rocky Mountains). In 2014, CAISO stood up

the Western Energy Imbalance Market (WEIM or often shortened to just EIM). The WEIM was the major step forward in developing an organized footprint west of the Rockies. Starting from two entities in 2014, there are currently 22 participants in the WEIM. WEIM is focused on providing market services for real-time activities, intra-hour. WEIM is an organized market; it is not a two-settlement market. In a two-settlement market, day-ahead activities (the first settlement) are coordinated through the market operator with real-time (delivery period) energy balancing (the second settlement). Given the success of the WEIM, two market operators are offering up organized market designs to meet the expected two-settlement demand: SPP's Markets+ and CAISO's Extended Day-Ahead Marketplace (EDAM). CAISO's EDAM is expected to go-live in the spring of 2026. Between 2026 and 2027, EDAM is expected to onboard 11 participants. SPP's Markets+ is expected to go-live in the spring of 2027 with nine to 13 participants (estimate based on committed versus expected market implementation funding entities). Markets+ development is spread across two phases. Phase I began in 2023 and was all but completed by the end of 2024. Phase I's focus was on market design and regulatory work (see Table 2. below). Phase II, the implementation phase requires entities that intend to participate in Markets+ to commit to a funding agreement (SPP Markets+ Phase 2 Funding Agreement).

Phase I moving to Phase II, Grant PUD's Participation

Grant has been actively involved throughout Phase I of SPP's Markets+ market design. Phase I funding has been relatively minimal up to this point. Our share of the \$9.7M market design cost was \$180.0k. However, with the formal end of Phase I, SPP is moving into the more costly Phase II.

- The start of Phase II is contingent on:
 - 1) Federal Energy Regulatory Commission (FERC) approval of the Markets+ Tariff (approved on January 16),
 - 2) Phase II signed funding agreements with enough entities to meet the **Funding Threshold**.
 - Funding Threshold = 2023 NEL of 200,000 GWh
- Based on our 2023 NEL (Net Energy for Loads) Grant is ~2% of the total expected market participants cost of implementation (see table below in Financial Considerations).

Justification:

The demand for organized market development is high in the West (evidenced by two competing market options available to western electric utilities). Justification for moving forward with a commitment to fund Phase II of Markets+, is both a strategic and tactical decision.

(1) Strategy – Regional Coordination

- Regional coordination is one of the strategic solutions to the three forces driving change in the electric utility industry: (1) Accelerated Load Growth, (2) Carbon Goals, and (3) Reliability. Diversifying supply across a large geographic footprint will integrate western electric utilities (especially smaller COUs) in two important ways. First, with the high cost of capacity, drawing on unused supply during periods of severe heat or cold can provide significant avoided cost benefits relative to capacity investment decisions. This does not mean that utilities will not need to make those investments (see below regarding WRAP), but long-term organized markets provide either monetization of existing capabilities and thus revenue to fund investments or opportunities to defer investment timing by using market resources. Second, coordination becomes an explicit requirement through the market – day-ahead and real-time activities are now managed inter-regionally (Pacific Northwest (PNW) and Desert Southwest (DSW)). Those two

factors together address item (1) and item (3) directly and item (2) indirectly through geographic comparative advantage.

(2) *Tactical – Why Markets+ versus EDAM*

Market Footprint

- *Geography & Size* – Markets+ participants range across the whole of the West with 23 initial Phase I entities participating. Expectations are for nine to 13 entities to move forward with Phase II (nine committed entities). Both market organizations are represented across the West. Dispersion of load across the West favors Markets+ with EDAM having a high concentration in Pacific states. Market size based on load footprint, Markets+ = ~32aGW compared to EDAM = ~47aGW.

Governance

- *Stakeholder Standing* – Markets+ participation is far more collaborative in Markets+ opposed to EDAM. Market design has been transparent and consensus-based. Stakeholder voting rights move proposals forward. Conversely, EDAM/WEIM are based on CAISO's existing governance framework.
- *Market Operation & Operational Authority* – Markets+ will be a fully independent market operator: SPP is not itself a participant. For Markets+ market participants, all generators, load, and Balancing Areas (BA) are participating in the same manner with equivalent rules, rights, and responsibilities. Whereas EDAM will be an extension of CAISO's existing market, with CAISO BA having different rules, rights, and responsibilities, as well as different settlement practices. The West-Wide Governance Pathways Initiative (Pathways Initiative), EDAM's approved proposal to CAISO, does not propose changing the CAISO market design:
 - No change in framework for stakeholder voting rights (remains with CAISO staff).
 - No assurance that CAISO, as a market operator, will balance the interests of all stakeholders and avoid undue influence from California interests.

Reliability

- *Common Standard* – Markets+ participants will have a standard and transparent resource adequacy (RA) requirement – Western Power Pool's (WPP) Western Resource Adequacy Program (WRAP). EDAM does not have a stand-alone independent assessment for resource adequacy. EDAM will rely on CAISO's WEIM resource sufficiency test. Current use of CAISO's sufficiency method is lacking:
 - EIM testing accuracy is questioned as the standards are not applied consistently,
 - Failed tests have only a financial penalty for "leaning" on neighbors, and
 - Together these cause capacity market liquidity reductions that increase capacity costs.
- *Capacity & Deliverability* – Markets+ market design includes a Must-Offer Obligation tied to identified secured capacity, declared in advance of the operating timeframe – day-ahead through real-time delivery. Transmission use within Markets+ is based on a flow-based approach, ensuring maximal use of available transmission to enhance deliverability.
 - EDAM will employ a contract-path approach that causes sub-optimal use of existing transmission and capacity resources.
 - Markets+ also has a stakeholder-driven committee dedicated to assessing and addressing impacts to reliability.

Market Elements

- *Price Formation* – FERC guidance on price formation: Market rules drive pricing signals reflecting true marginal costs of production for resources and delivery of power, given system constraints. Accurate pricing signals drive adequate investment to ensure

reliability. Markets+ design aligns with FERC's expectations while also addressing three other power market elements:

- Market Power Mitigation – Markets+ uses a Conduct-and-Impact framework. This framework is a standard method for mitigating market power and is used in Midcontinent Independent System Operator (MISO), Independent System Operator for New England (ISO-NE), New York Independent System Operator (NYISO), and SPP's Integrated Marketplace. Under this framework, a bid is mitigated if it materially exceeds an established reference level *and* has a material impact on the market, allowing for energy limited resources (hydro, batteries, etc.) to correctly reflect timing as a component of their marginal value. EDAM's method is based on an assessment of *potential* excessive market power.

- Scarcity Pricing – Markets+ scarcity pricing approach ensures prices rise gradually as the quantity of available flexible reserves begins to fall. EDAM's design does not reflect scarcity pricing explicitly. CAISO's design links to shortfalls of ancillary services inside the CAISO BA as the measure of scarcity. The approach is frequently undermined by extensive manual interventions, including deploying out-of-market supply and emergency demand response, putting downward pressure on market prices, producing pricing results that are inconsistent with actual system conditions.

- Fast-Start Pricing – Prices in Markets+ include the cost of starting and running fast-start resources that can ramp quickly (turbine peaking units, hydro, storage, etc.). Fast-start pricing is necessary for market prices to accurately reflect the cost of integrating intermittent renewable resources based on the most economic choice available on the system.

- All current FERC-jurisdictional organized markets have adopted fast-start pricing, except markets operated by the CAISO (EDAM/WEIM). Failing to include fast-start pricing:

- Negatively impacts Northwest and Southwest ratepayers who have hydro and peaking gas generation,
- Impedes long-term efficiency by discouraging investment in new flexible resources and storage, and
- Greenhouse Gas (GHG) pricing programs (e.g., Climate Commitment Act (CCA)) are not fully reflected in market prices.

- Seams – Currently on a day-ahead basis, there are market and operational seams across the whole of the West (BA-to-BA and Transmission Service Provider (TSP)-to-TSP). EDAM proponents argue that anything but a single market in the west will introduce market seams that will drive inefficient market outcomes. However, a single market would eliminate no more seams than two markets. In fact currently, CAISO's market rules create significant market seams with neighboring jurisdictions (CAISO sets the rules). Markets+ would introduce a peer-to-peer relationship for the resolution of seams issues, improving the bargaining position of Markets+ participants for the resolution of seams issues. Major anticipated seams issues include:

- System Operation & Dispatch – Markets+ includes graduated scarcity pricing, fast-start pricing, and transmission utilization based on power flow usage. Flow based transmission will have a low-cost impact on participants (the existing transmission is a known fixed quantity).

- CAISO's market design for transmission use is based on contract paths. This approach will under-utilize transmission assets.

- Congestion Costs – Markets+ allocates congestion revenue directly to firm transmission rights-holders proportional to the congestion costs incurred on their specific transmission paths (flow-based). This approach provides an opportunity for remote resources to hedge congestion costs and reduce the price risk of delivering clean energy investments to load.
 - EDAM congestion cost allocation is split between the CAISO (at BA boundaries) and EDAM entities (internal congestion). Internal congestion can be allocated by individual entity allocation methodologies and increase financial risk for remote load deliveries.
- Price Resolution – In a peer-to-peer relationship, market efficiency should improve:
 - High transaction costs with many entities acting independently on a day-ahead to real-time basis will be reduced to two,
 - Two market operators with defined boundaries will lower costs and expand market opportunities, and
 - Pricing signals between the markets will provide solutions for reducing friction and the development of market-to-market agreements.

Operator Management

- Markets+ market design has: (1) A stakeholder driven governance framework, (2) An independent board, (3) An equitable engagement of all stakeholders during the design process, and (4) SPP's history of being a fully impartial market operator, accountable to all market participants through transparency.
 - A market operator has a tremendous ability to impact market outcomes through its role as operational manager and authority to adjust market operations through market modeling. Based on 2023 data, more than \$25.0B in annual electricity trade occurs between BAs in the West, so even small changes in market parameters have the potential to cause large shifts in distribution of benefits.
 - Historically CAISO has shown bias as the market operator for WEIM:
 - Beginning in late July of 2023 and continuing until November, the CAISO blocked import transfers from WEIM during the peak net load hours. According to the CAISO's Department of Market Monitoring (DMM), "The transfer limitation had the intended effect of increasing hourly block imports into the CAISO area and decreasing hourly block exports out of the CAISO area to protect reliability during peak net load hours in late July through mid-August."
 - Concerns over the CAISO operator actions were compounded by a lack of transparency that these actions were even occurring. The first mention by the CAISO of these actions appears to have been in a report issued in mid-September.
 - Other instances include: (1) Since August 2020, CAISO's own BA has passed Resource Sufficiency Test, allowing the CAISO BA to lean on other WEIM entities. (2) January 2024 – CAISO allocated \$110.0M of congestion charge revenues (costs for PNW customers) to CAISO customers. During the EDAM stakeholder process, CAISO rejected proposals to allocate congestion charges between entities 50/50, as it does on other multi-state paths that do not involve CAISO's service territory.
 - CAISO's interventions in market operation have affected outcomes for market participants differently based on being (or not being) a CAISO member.

- Markets+ is the only organized day-ahead market proposal for the West that will have a fully impartial and independent market operator, providing critical confidence that all market operator actions will be for the benefit of all participants and stakeholders.
- Even if the Pathways Initiative succeeds in creating a Regional Organization with independent governance, the current draft proposal retains the California ISO as the market operator while also being a participating Balancing Authority, preserving the inherent potential conflict between its roles and fiduciary obligations.

Another benefit to Grant for committing to funding Phase II of Markets+ is that it puts Grant on equal footing with larger entities (e.g., Bonneville Power Administration (BPA), Powerex, Arizona Public Service (APS)) in that each participant is granted one vote without regard to size. An organized western marketplace will be the business-as-usual case by mid-2027, and being able to help shape the process, procedures, and design of the market is a significant benefit for Grant. The consequence of not funding Phase II, is that it puts Grant on the outside-looking-in with little ability to influence outcomes.

Financial Considerations:

The total cost of Markets+ for the implementation is currently estimated at \$3.84M (see Table 1.).

Table 1., Phase II Funding Entities and Cost Allocations

Markets+ Funding Estimate						
Entity	2023 NEL		Implementation Costs	Financing Costs	Total Costs	
	Allocations	2023 NEL MWh				
Arizona Public Service Company	11.9%	33,324,733	\$ 18,100,752	\$ 3,298,182	\$ 21,398,933	
PowerEx	23.0%	64,318,763	\$ 34,935,553	\$ 6,365,691	\$ 41,301,244	
Bonneville Power Administration	20.6%	57,628,299	\$ 31,301,542	\$ 5,703,529	\$ 37,005,071	
Chelan County Public Utility District	0.7%	1,978,292	\$ 1,074,534	\$ 195,793	\$ 1,270,328	
Public Utility District of Grant County	2.1%	5,974,039	\$ 3,244,875	\$ 591,257	\$ 3,836,132	
Public Service Company of Colorado	12.5%	35,001,067	\$ 19,011,274	\$ 3,464,090	\$ 22,475,364	
Black Hills Colorado Electric	0.7%	1,943,957	\$ 1,055,885	\$ 192,395	\$ 1,248,281	
Tri-State G&T	0.7%	1,963,436	\$ 1,066,465	\$ 194,323	\$ 1,260,789	
Puget Sound Energy	8.9%	24,922,183	\$ 13,536,800	\$ 2,466,573	\$ 16,003,373	
City of Tacoma	1.7%	4,836,411	\$ 2,626,958	\$ 478,664	\$ 3,105,622	
Tucson Electric Power Company	5.3%	14,827,757	\$ 8,053,885	\$ 1,467,518	\$ 9,521,402	
Salt River Project	12.0%	33,501,096	\$ 18,196,545	\$ 3,315,636	\$ 21,512,182	
TOTAL	100.0%	280,220,033	\$ 152,205,068	\$ 27,733,653	\$ 179,938,721	
Committed	87.6%	245,416,417				
Critical Mass		200,000,000				

This cost estimate highlighted in blue for Grant is based on the following assumptions:

- 2 and 1/3-year Implementation Period (Jan 2025 – Apr 2027)
 - Secured Overnight Financing Rate (SOFR) = 4.6% (Dec 2024 rate extended through implementation)
 - SOFR Margin = 2.75%
 - SPP has provided participants with an option to lower the SOFR Margin in exchange for a higher cash collateral position with SPP’s Financing partner.
 - Grant will provide 100% of the required collateral through the LOC facility.
- Post implementation Payback Period = 5-year (May 2027 – Apr 2032)
- Term Loan Rate = 6.60%

Once the market is live, the implementation costs will be rolled into a 5-year term note with participants sharing the payback based on their allocations. Grant's share is estimated to be ~\$861k annually. The mechanism for payment is anticipated to be through a market transaction adjustment (the specifics for the mechanism will be structured during Phase II). Also, as participants progress in paying down the implementation costs, participants' collateral will be released. Finally, committing to Phase II funding of Markets+ binds participants to their share of "wind-down" costs based on the participant's cost allocations, the timing of the termination, and cause of termination being either participant choice or SPP's view of market viability. At the high end, Grant is exposed to ~\$500k risk.

This is a real exposure. Grant's ability to integrate into an organized market has a significant dependency on BPA's choice of organized market. The path of least resistance for operational integration (both physically and commercially) is to follow the PNW's largest transmission provider (one we share significant transmission connectivity with). BPA has received outside political pressure to commit to EDAM. BPA's staff and customers have expressed support for Markets+ and BPA will fund the Phase II implementation. BPA has delayed their decision until May 2025, but has expressed their "leaning" towards joining Markets+.

Ongoing operating costs are dynamically dependent on a participant's transaction activities. Historically, these are costs that have been included in our slice and pooling agreements with our partners bearing those costs. Because this is a new way of doing business, and Grant's lack of recent history for active market participation, an estimated annual operating cost is not currently known. Understanding and estimating these costs will be a focus for 2025 for the Trading & Commercial Operations (T&CO) group. These costs will also include Grant's investment in training, equipment, and services that would be needed to support organized market participation. Some element of these costs is currently captured through the 2025 Organizational Objective – Growth Management Strategy, but a wholistic annual budget will be the responsibility of T&CO for 2026 and forward. In 2020, Grant looked at the costs to directly join WEIM. The estimated cost at that time was \$200k+ for the minimum investment – those costs will likely have outpaced inflation significantly. Joining any market will require an investment.

The alternative to Markets+ is joining the CAISO's EDAM. Based on the discussion above, staff's recommendation and preference is for Grant to support SPP's Markets+. However, EDAM participation requires no upfront investment for building out the marketplace and so would be a cost savings.

Contract Specifics:

SPP is targeting mid-February for completing the contracting for Phase II funding. The contract itself has been standardized with relatively few modifications (discussions and the question/comment period started in November 2024). Grant staff is currently finalizing legal review and we're intending to keep pace with SPP's schedule.

Table 2., SPP Phase and Work Schedule for Markets+ Development

Activity	2024				2025				2026				2027			
	Q1 24	Q2 24	Q3 24	Q4 24	Q1 25	Q2 25	Q3 25	Q4 25	Q1 26	Q2 26	Q3 26	Q4 26	Q1 27	Q2 27	Q3 27	Q4 27
Phase 1 - Tariff and Protocols	Phase 1															
FERC Filing of M+ Tariff	29-Mar															
Protocol Development																
Parking Lot Prioritization																
Filing Support																
Anticipated Order																
Phase 2 Contract Discussions																
Phase 2 Commitments																
Phase 2 - Implementation	Phase 2															
Continued Parking Lot Work																
SPP Development/Testing																
Participant Activities																
Trials and Parallel Ops																
Go-live																★

Recommendation:

Staff recommends Commission approval to commit to funding the Southwest Power Pool’s (SPP) continuing development of their western regional organized market known as Markets+. Staff’s finding is that the estimated costs for funding Phase II reasonable and fair given (1) The strategic value of furthering regional coordination; and (2) The preference for Markets+ based on: Market Footprint, Governance, Reliability, Market Elements, and the Market Operator.

Legal Review:

Legal review is still in process until the Phase II funding contract is finalized. Staff anticipates this being finalized before the first commission meeting in February 2025.

MEMORANDUM

Final Audit Report

2025-01-23

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