

Long Term Power Supply Portfolio Design Program

CRO Quarterly Business Review

April 25, 2023



Powering our way of life.

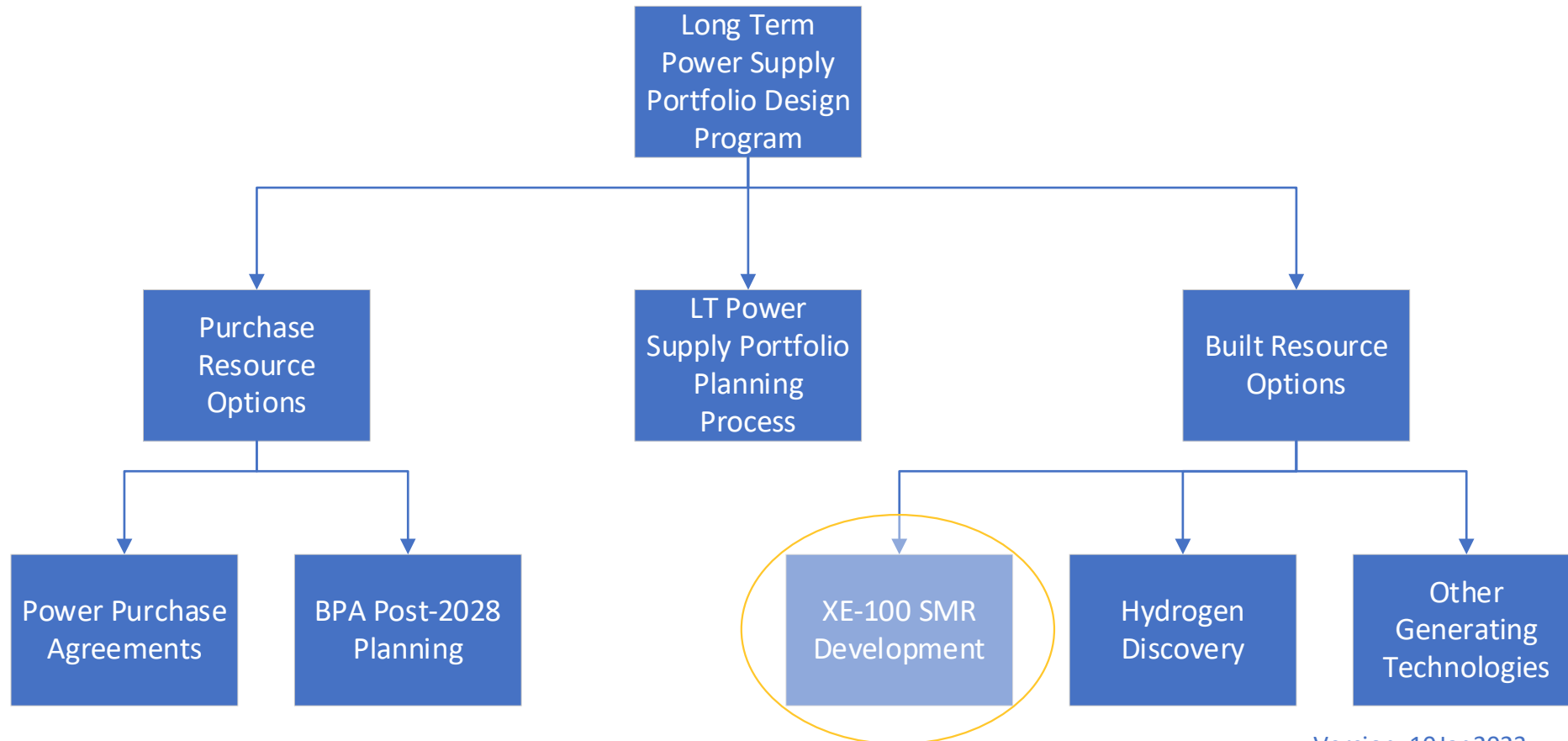


Agenda

- Program Status
 - SMR Development
 - H2 Discovery
 - LT Power Supply Planning Process Development
 - Post-2028 BPA Planning
 - Program Management
- Budget Update
- Program Plan and Governance
- Key Project Issues
- Key Project Risks
- Wrap Up
- Appendix



LTPSPD Program – SMR Development



Version: 10Jan2023



LTPSPD Program – SMR Development

Project Team

Project Manager – Brent Gregory

Organizational Change Management – Tom Karcz

Civil Engineering/Siting Lead – Kevin Marshall

BPA Planning + LCOE Analysis Lead – Andrew Munro

Risk Analysis – Paul Dietz

Mechanical Engineering Lead – David Dempsey

Nuclear Engineering Lead – Bryce Greenfield



Project Status – SMR Development

2021/2023 Accomplishments:

- SMR research and down-selection to NuScale and X-energy
- Systems design readiness review in conjunction with X-Energy & involved partners
- Information sharing with Ontario Power focused on SMR technology evaluation techniques and results
- Nuclear site selection and ranking
- Hosted site visit with DOE and X-energy representatives as part of ARDP
- Initial high-level ARDP project schedule and costs defined
- Owner's engineer RFQ: Received responses in 2022 and incorporated into RFP



Project Status – SMR Development

2021/2023 Accomplishments:

- Reliability, Availability & Maintenance (RAM) analysis for XE-100 SMR plant
- In-person visits and capabilities verification for all major US fuel enrichment and manufacturing facilities
- Potential Northwest Utility Development Partner visits (K. Nordt/R. Flanigan/J. Atkinson)
- SMR technology recommendation (X-energy y XE-100): Aug 2022
- Recommendation to not continue in DOE Advanced Reactor Demonstration Program (ARDP): Dec 2022



Project Status – SMR Development

1st Quarter 2023 Accomplishments:

- Owner's Engineer RFP: Proposals received and evaluated
- Initial SMR Early Site Permit schedule and cost estimates for business case development
- Interim physical layout for a 12-pack XE-100 SMR
- Conceptual water exploration plan for Site #1
- Plant cooling evaluation to establish a dry cooling option
- SMR Completion Risk White Paper for DOE and Congressional consideration
- Potential Northwest Utility Development Partner visits (R. Flanigan/J. Atkinson)
- Obtained XE-100 construction insurance indicative quote



Project Status – SMR Development

Current Activities:

- Energy Northwest Professional Services Agreement for non-engineering support -- **CANCELLED**
- HALEU fuel supply evaluation – **ON HOLD**
- Nuclear fuel services support via American Fuel Services – **ON HOLD**
- SMR alternative siting white paper - **ON HOLD**
- SMR Risk Register Development – **ON HOLD**
- Project Cost and Completion Risk (PCCR) between GCPD, X-energy and the USG – **ON HOLD**

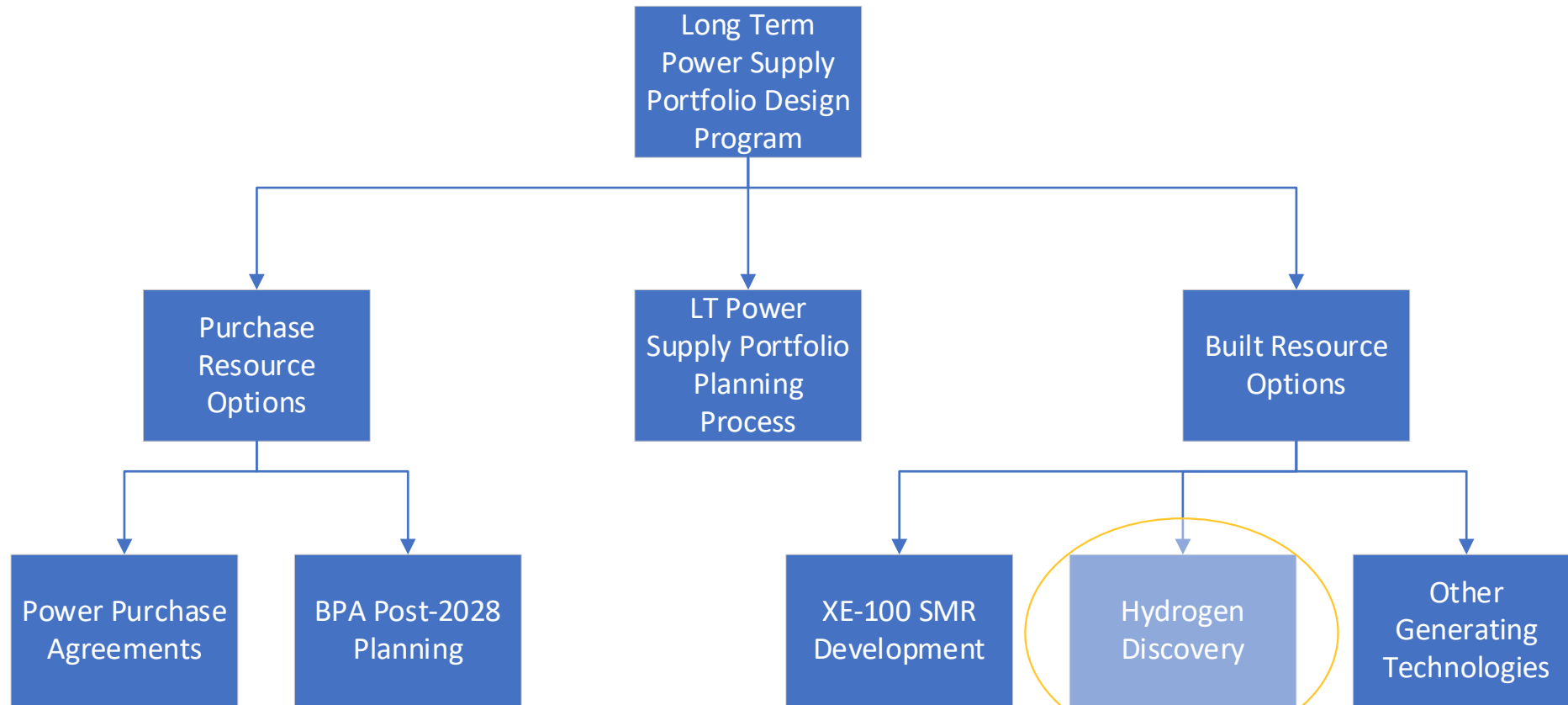


Project Status – SMR Development

Current Activities:

- Owner's Engineer for SMR Early Site Permit (ESP) Planning -- **CANCELLED**
- Nuclear Early Site Permit Activities -- **ON HOLD**
- ESP Business Case – **ON HOLD**
- SMR Utility Partnership Agreement Templates – **ON HOLD**
- Site #1 Land Transfer -- **Proceeding**
 - Waiting to hear back from landowner about next steps

LTPSPD Program – Hydrogen Discovery



Version: 10Jan2023



LTPSPD Program – Hydrogen Discovery

Project Team

Project Manager – Brent Gregory

Organizational Change Management – Tom Karcz

Baxter Gillette – H2 Economic Analysis

Bryce Greenfield – H2 Production & Storage Lead

Dave Dempsey – Power Generation Using H2 Lead

Lisa Stites – Power Supply Portfolio Integration



Hydrogen Discovery Project

- **Progress Since Last Month:**

- Created Process Flow Diagrams for a potential Hydrogen plant
- Started acquiring the necessary operational/thermodynamic data for use in upcoming modeling/use case work being performed by Lisa Stites
- Worked with Obsidian to create a theoretical model for a GC Hydrogen Production and Power Plant to be included in Obsidian's hydrogen hub grant submission to the Department of Energy
- Met with several turbine manufacturers to establish basic economics of operation and to identify the technical details needed for our modeling needs (including a technology roadmap for 100% H₂ combustion)
- Performed a technical deep-dive on the current Hydrogen fuel cells capabilities
- Continued engineering and economic analysis of Hydrogen storage options (storage is a major contributor to capital and operating costs)



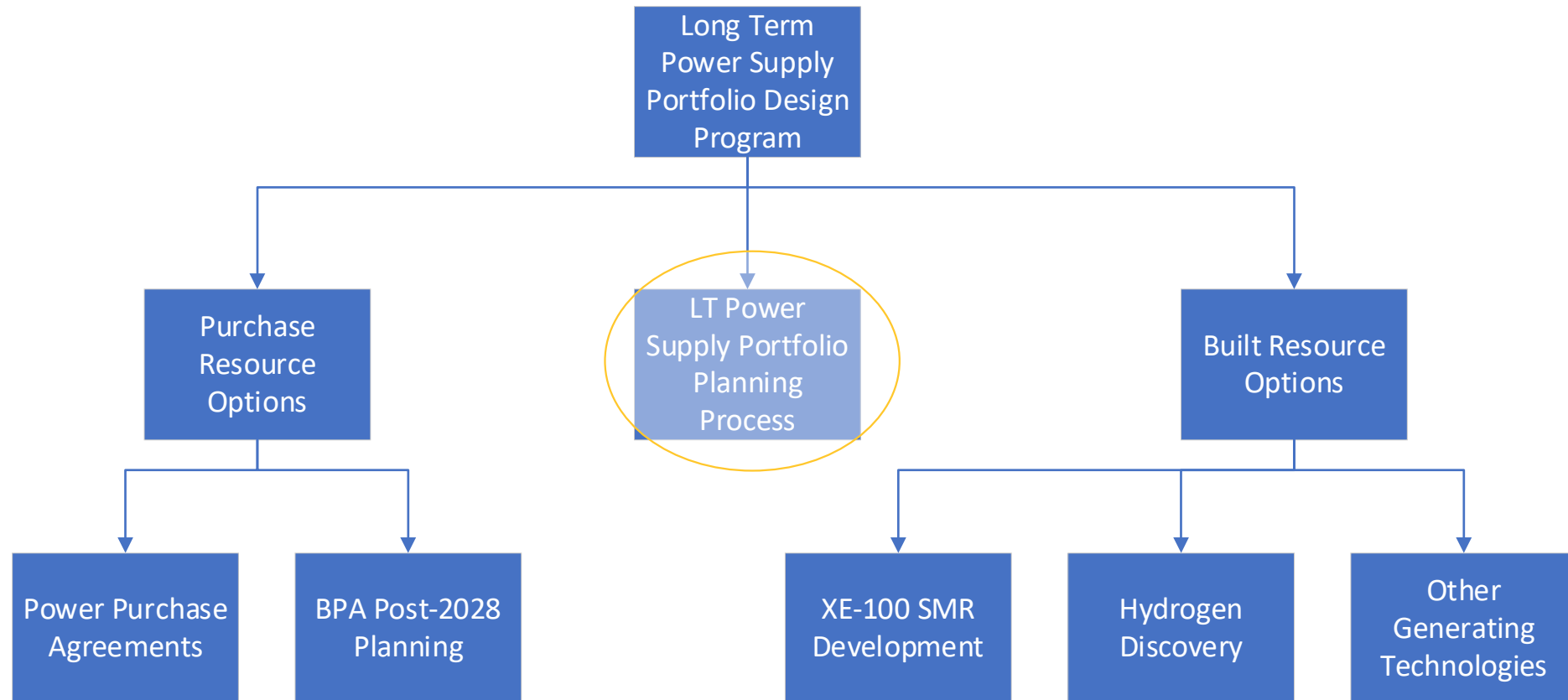
Hydrogen Discovery Project

- **Next Steps:**

- Project planning with Obsidian Renewables in preparation of a development proposal
- Develop project cost estimates
- Continue to refine use cases (ex. fixed and variable costs) for use in analysis and evaluations
- Model different solar field and electrolyzer sizes
- Early-stage meetings with some top manufacturers in partnership with Obsidian to get a grasp of the available technologies



LTPSPD Program – LTPS Process Development



Version: 10Jan2023



LTPSPD Program – Long Term Power Supply Process Development

Project Team

Executive Sponsor - Dave Churchman

Business Owner – Rich Flanigan

Project Manager – Brent Gregory

Business Analyst – Lisa Stites

Organizational Change Management – Tom Karcz



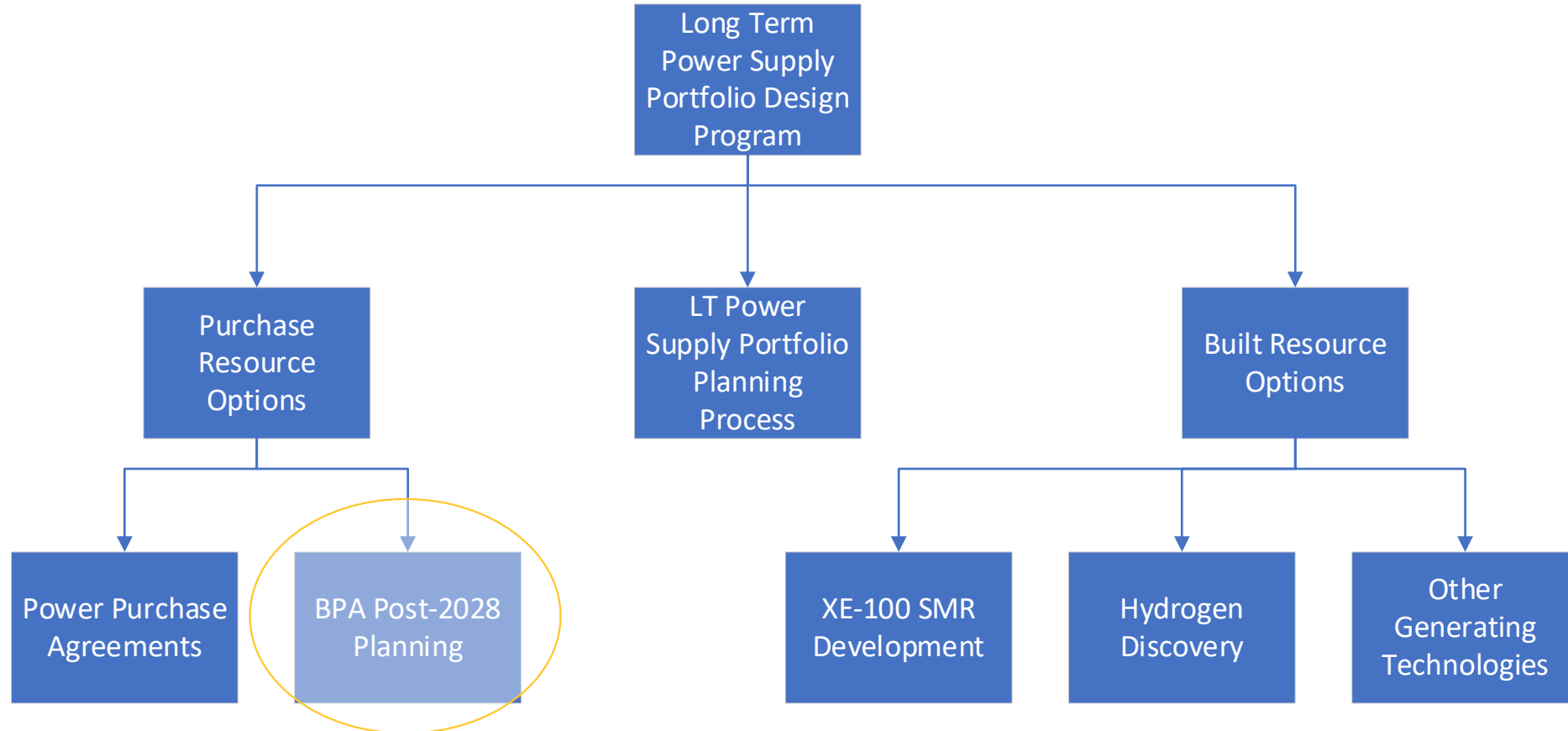
Project Status – LTPSPD Process Development

LT Power Supply Portfolio Design Process Development (Lead: R. Flanigan with Lisa Stites and Wholesale Planning Team)

- Sent proposed Process Overview to the executive team in March
- Developed initial team charter definition, high-level process, and resource estimates
- Met on 4/11 to get feedback from R. Wallen, D. Churchman, J. Mertlich
- Will use the work done so far as input into the Intentional Power Demand Mini Workshop scheduled for May 9th



LTPSPD Program – Post 2028 BPA



Version: 10Jan2023



Program Status – Post-2028 BPA

Post-2028 BPA Update – (Lead: Andrew Munro)

- BPA Products Financial Modeling
 - Define version 1 (options and associated attributes based on 2023 rate schedules) by end of Q2
 - Continue to refine as new information emerges
 - Update to Version 2 by end of 2023 after BPA products and pricing are released
 - Reviewers: Kevin Nordt, Phil Law, Jim Russell (peer reviewer from Tacoma Power), someone from Bonneville (TBD)
- BPA Net Requirements Questions
 - Review contracts, rights, and obligations to prepare for answering questions from BPA (work with R. Flanigan/P. Law)
 - Expect to receive a letter from BPA outlining their questions soon
- Provider of Choice Policy Influence - focus through the end of the year
 - Continue advocacy of PPC's framework to achieve PoC Draft Policy favorable to GCPUD's interests (due in July)
 - Example issues: system size, FY2023 index year, 25% load-growth adjustment, etc.



Program Management

Program Management (Lead: Brent Gregory)

- Project planning for H2 Discovery and LT Power Supply Planning
- Issue, Risk, Action, and Cost tracking and status reporting

Program Risk Management (Lead: Paul Dietz)

- Developing project risk scoring that can be incorporated in enterprise risk analysis
- Increasing understanding of risks associated with evolving markets

Program External Affairs (Lead: Chuck Allen with Ryan Holterhoff, Thomas Karcz, Brent Gregory)

- Coordinated press release regarding Hydrogen development with Obsidian Renewables:

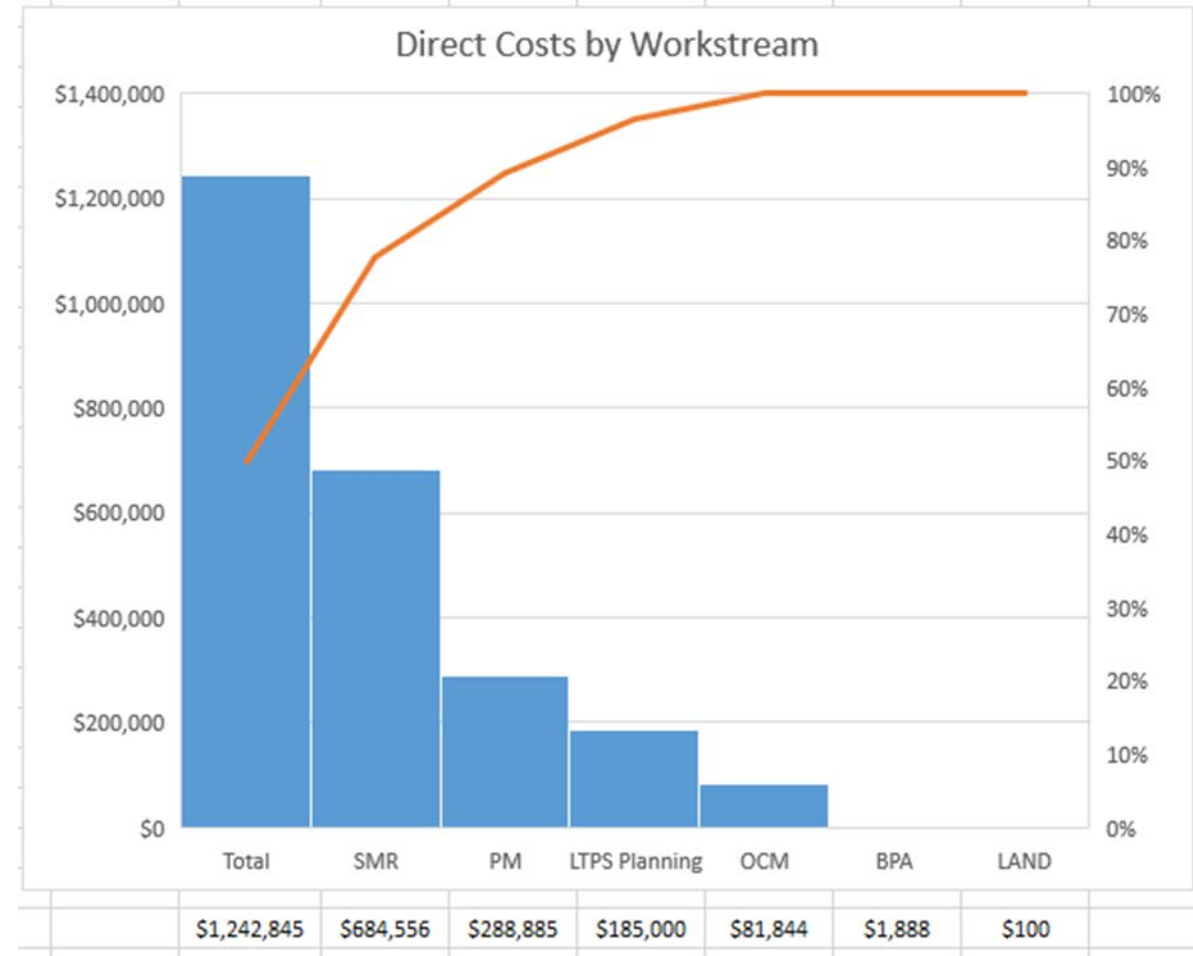
<https://pnwhydrogenhub.com/wp-content/uploads/2023/04/Grant-PUD-Project-Press-Release-Final.pdf>



Project Budget Update

Direct Expenses (as of 3/31/2023)

- Total Direct Expenses (1/1/2020 to present):
\$1,243K
- 2023 Spend (YTD): \$318K spent out of \$405K budgeted
- Budgeted Burn Rate (contingent on business case outcome):
 - \$135K/month in 1st Quarter
 - \$360K/month in 2nd Quarter



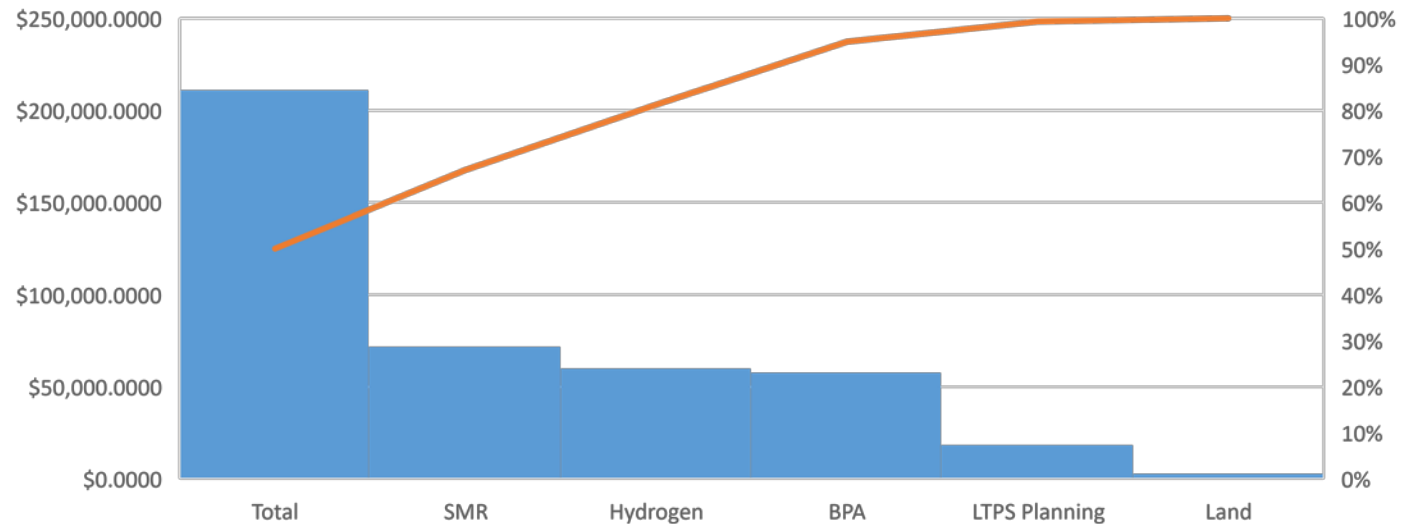


Project Budget Update

Internal Labor (as of 3/31/2023)

- Total Internal Labor: \$1,368K (based on 11,402 hours at \$120 average hourly rate)
- 2023 Labor: \$211K
- Burn Rate: \$80K - \$100K/month
- *Note: only as accurate as employee's time sheet entries*

2023 Labor by Workstream





Projects@Grant

Project Labor Details

Hours in 2021

Bryce Greenfield	1,046
David T DEMPSEY	828
Paul A Dietz	665
Kevin J Marshall	541
Richard N Flanigan	55
Bonnie J Overfield	53
Blair A Fuglie	39
John Mertlich	31
Richard D Wallen	31
Jeffrey M Bishop	21
Richard G Maguire	14

Hours in 2022

Bryce Greenfield	1,869
David T DEMPSEY	1,440
Kevin M Nordt	907
Kevin J Marshall	619
Andrew D Munro	604
Paul A Dietz	335
Richard N Flanigan	129
Lisa M Stites	55
Leah D Mauceri	32
Jennifer Sager	22
John Mertlich	21
Thomas J Dresser	21
Damien Hooper	20
Richard D Wallen	19
Kristina A	
Mackenzie	12
Emily Anne Wilson	12
Amy D Thompson	11
Blair A Fuglie	11
Joseph T LeMoine	10

Hours in 2023 (thru March)

Kevin M Nordt	433
Bryce Greenfield	388
Andrew D Munro	324
David T DEMPSEY	308
Kevin J Marshall	97
Lisa M Stites	91
Paul A Dietz	34
Richard N Flanigan	21
Baxter A Gillette	15
Damien Hooper	12



LTPSPD Program – Program Management and Governance

- Program is following EPMO and EPPM Frameworks and standards
- Governance Plan and Charter are in the appendix
- Regular cadence of program updates and coordination meetings:

Communication Method	Frequency
SMR Core Team	Weekly
Hydrogen Discovery Team	Bi-weekly
LTPSPD Program Manager/Business Owner Coordination	Weekly
LTPSPD Program Team	2X/month
Monthly Business Review with Executive Team	Monthly
Commission Quarterly Business Review	Quarterly
Commission Workshop	Monthly
PWG Synchronization	As needed



Key Project Issues

Issue	Status
OCM Lead (Thomas Karcz) is leaving GPUD (last day: April 21)	<ul style="list-style-type: none">• Determining transition plan
Key external stakeholders (ex. DOE, X-energy, Congressional members and staff, potential NW utility partners) don't know about the decision to stop all SMR development activities.	<ul style="list-style-type: none">• Need to determine message, method of delivery, and who is delivering the message to those key stakeholders.
Not all project charges are being attributed to the LTPSPD initiative (IN312)	<ul style="list-style-type: none">• Issue fixed• All project costs are included in this month's update
All program costs (i.e. SMR, Hydrogen, LTPSPD process development, etc.) are in one Initiative and need to be segregated	<ul style="list-style-type: none">• Finance/accounting working on a plan going forward and one to address the costs incurred so far ON HOLD Pending further guidance on planned scope of project



Key Project Risks

Risk	Description	Owner	Date Opened	Probability / Impact / Exposure	Status Comments
R22	Some GCPUD employees may not support the decisions the organization makes in the Long-Term Power Supply Portfolio.	T. Karcz	01Feb2023	Medium Medium Most Activities	<ul style="list-style-type: none">Following OCM Framework to lead employees through the ADKAR process. Start with explaining the “Why”

New Contract Requests - March 2023

Grant Contract Number	Counterparty	Contract Title	Estimated Contract Value	Date Submitted To Procurement	District Representative	Procurement Officer	Contract Record Type
430-11859	IVOXY Consulting, Inc.	VMware vSphere 8 Licensing	\$54,522.92	3/9/2023	Kevin Carley	Shelli Tompkins	Services (Bid)
470-11864	TBD	Purchase of 230kV Vertical Break Horizontal Disconnects	\$400,000.00	3/8/2023	Chris Johnson	Emilie DeLong	Material (Bid)
470-11865	TBD	Purchase of 230kV Switch Steel Structures	\$400,000.00	3/8/2023	Chris Johnson	Emilie DeLong	Material (Bid)
140-11869	Basic American Foods, Moses Lake	MOU Related to Demand Response	\$0.00	3/9/2023	Louis Szablya	Leah Mauceri	Customer Requests
430-11847	TBD	Remediation of MLSC Yard Stormwater System	\$180,000.00	3/14/2023	Nick Bare	Nicona Butler	Labor (Bid)
140-11871	Group14 Technologies, Inc.	Large Power Facilities Agreement	\$0.00	3/14/2023	Shane Lunderville	Leah Mauceri	Customer Requests
430-HFA 601-40H	Quincy Valley Chamber of Commerce - Quincy Valley Tourism Association	Northern Pikeminnow Derby 2023	\$25,000.00	3/14/2023	Tom Dresser	Shelli Tompkins	Habitat Agreements
170-11858	TBD	Purchase of 4/0 Bare Copper Wire	\$283,034.00	3/21/2023	Chris Heimbigner	Emilie DeLong	Material (Bid)
170-11879	TBD	Supplying 336 AAC and 795 AAC Overhead Conductor	\$3,000,000.00	3/21/2023	Kyle Robillard	Emilie DeLong	Material (Bid)
430-11887	TBD	Ephrata Headquarters, Ephrata Service Center Private Offices and Wanapum Maintenance Center HOA Breakroom	\$140,000.00	3/21/2023	Tim Fleisher	Nicona Butler	Labor (Bid)
430-11905	Association of State Dam Safety Officials	Owner's Dam Safety Program Audit Services	\$150,000.00	3/28/2023	Dale Campbell	Lori Englehart-Jewell	Professional Services

Contracts Executed - March 2023

Grant Contract Number	Counterparty	Contract Title	Awarded Contract Price	Contract Executed Date	Completion Date	District Representative	Procurement Officer
170-11713	Altec Industries	Purchase of Four 40' F550 Bucket Trucks	\$1,040,000.00	3/1/2023	12/31/2025	Brian Barrows	Emilie DeLong
430-11445C	Cornforth Consultants, Inc.	Dam Safety Engineering Services	\$1,600,000.00	3/2/2023	12/31/2027	Logan Castle	Beau Schwab
430-11445A	Gannett Fleming, Inc.	Dam Safety Engineering Services	\$2,100,000.00	3/3/2023	12/31/2027	Madeline Marsh	Beau Schwab
430-11445F	Stantec Consulting Services, Inc.	Professional Dam Safety Engineering Consulting Services	\$1,250,000.00	3/3/2023	12/31/2027	Christopher Steinmetz	Beau Schwab
430-11445G	MacKay and Sposito, Inc.	Construction Management and Construction Inspection Services	\$450,000.00	3/3/2023	12/31/2027	Christopher Steinmetz	Beau Schwab
430-HFA 602-71H	Cascade Columbia Fisheries Enhancement Group	Big Meadow Creek Fish Passage	\$321,740.00	3/6/2023	12/31/2023	Dave Duvall	Cindy Inch
430-11445D	WEST Consultants, Inc.	Dam Safety Engineering Services	\$75,000.00	3/6/2023	12/31/2027	Logan Castle	Beau Schwab
430-11867	Ogden Murphy Wallace PLLC	Legal Services Related to Personnel Matters	\$20,000.00	3/8/2023		Mitchell Delabarre	Leah Mauceri
430-11850	Ivoxy Consulting, LLC	Commvault 2023 Maintenance Renewal (Licensing Conversion)	58,525.20	3/10/2023	3/10/2026	Matt Johnson	Shelli Tompkins
430-11851	Ivoxy Consulting, LLC	Commvault 2023 HyperscaleX	182,325.46	3/10/2023	3/10/2026	Matt Johnson	Shelli Tompkins
430-11445B	Jacobs Engineering Group, Inc.	Professional Engineering Services	\$3,350,000.00	3/13/2023	12/31/2027	Anthony Vader	Beau Schwab
330-117555	Columbia Glass LLC	Wanapum Dam Control Room Door Upgrade	\$109,782.92	3/13/2023	9/4/2023	Tristan Poteet	Rebecca Diaz
230-11802	Max J. Kuney Company	Priest Rapids Spillway Post-Tensioned Anchor Installation Constructability Review	\$150,000.00	3/15/2023	7/31/2023	Logan Castle	Beau Schwab
430-HFA 601-41H	Real Time Research Inc	Avian Predation on ESA-listed Juvenile Salmonids on the Middle Columbia River, 2023	\$297,669.00	3/17/2023	3/31/2024	Curtis Dotson	Shelli Tompkins
170-11627R	Stella-Jones Corporation	Supplying Western Red Cedar Poles 2023 - Rebid	\$1,293,300.00	3/20/2023	1/31/2024	Kyle Robillard	Emilie DeLong
430-11445E	HDR Engineering, Inc.	General Professional Engineering Services	\$700,000.00	3/21/2023	12/31/2027	Anthony Vader	Beau Schwab
140-11869	Basic American Foods, Moses Lake	MOU Related to Demand Response		3/27/2023		Louis Szablya	Leah Mauceri
430-11810	Beecher Carlson Insurance Services, LLC	Pipino COI Services	\$60,000.00	3/30/2023	12/31/2023	Michael Reimers	Cindy Inch

Contracts Closed - March 2023

Grant Contract Number	Counterparty	Contract Title	Current Contract Value	Closeout Date	District Representative	Procurement Officer
430-11118	Ogden Murphy Wallace PLLC	Legal Services Related to Personnel Matters	\$12,283.50	3/8/2023	Mitchell Delabarre	Leah Mauceri
430-11689	Ogden Murphy Wallace PLLC	Legal Services Related to Personnel Matter	\$2,409.50	3/8/2023	Mitchell Delabarre	Leah Mauceri
430-10848	Desautel Hege Communications, Inc.	Marketing and Communications Support	\$160,000.00	3/13/2023	Chuck Allen	Cindy Inch
430-HFA 602-62H	Trout Unlimited-Washington Water Project	Ben Canyon Fish Passage	\$66,090.00	3/13/2023	Dave Duvall	Cindy Inch
170-10986	Stella-Jones Corporation	Supplying Western Red Cedar Distribution Poles in 2021/2022	\$831,600.00	3/13/2023	Kyle Robillard	Emilie DeLong
430-11000	Percipio Consulting Group	Services for Enterprise Risk Management	\$150,000.00	3/13/2023	Paul Dietz	Cindy Inch
430-08329R	Henley Leadership Group	Employee Leadership and Coaching	\$795,000.00	3/15/2023	Thomas Stredwick	Guy Wanner
430-HFA 602-66H	Okanagan Nation Alliance	Shingle Creek Fish Passage	\$11,800.77	3/24/2023	Dave Duvall	Cindy Inch

Change Orders - March 2023

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
130-11463	4	\$23,999.52	\$622,359.82	Farmer's Electric, II LLC	Labor and Materials to Convert Corner Grounded Delta Sites	Increase the Contract Price by increasing the Bid Item Price of Bid Item Nos. 1, 5, 7, 12, 13, 23, 24, 30, 32 and 35 for additional labor and materials due to unforeseen work.	4 - Senior Manager/Plant Manager	3/16/2023	3/2/2023	Patrick Bishop
430-10833	1	\$0.00	\$995,970.00	WSP USA, Inc	White Sturgeon Management Plan Monitoring and Evaluation Program 2021 - 2023	Extend the contract completion date to 03/31/2024, maintain the existing rate schedule through 03/31/2024 and add Section D, Merger of Golder into WSP and Assignment of Contract to WSP.	3 - Department Manager	3/31/2024	3/6/2023	Cindy Inch
230-11469R	1	\$57,786.80	\$467,187.80	KRCI LLC	Priest Rapids Recreation Area Dredging and Bank Stabilization	Increase the estimated quantity and price of Bid Item No. 5 for dredge sediment removal and disposal, exceeded the original estimated amount.	6 - Executive Management	2/28/2023	3/14/2023	Cindy Inch
430-10804	3	\$450,000.00	\$4,450,000.00	Star Protection Agency, LLC	Professional Security and Security Patrol Services	Increase Contract price.	4 - Senior Manager/Plant Manager	7/2/2024	3/14/2023	Guy Wanner
430-11076	2	\$29,200.00	\$85,550.00	World Wide Technology, LLC	Data Center Network Modernization	Increase Contract price.	4 - Senior Manager/Plant Manager	9/30/2023	3/14/2023	Guy Wanner
170-10711B	1	\$2,998,606.00	\$5,786,687.00	General Pacific, Inc.	Supplying Distribution Transformers	Increase the Contract Price due to price increases imposed by the Contractor and lack of internal tracking which caused a shortage in funds. The Base Bid Unit Prices of all Bid Items is being increased.	7 - Commission	12/31/2025	3/16/2023	Patrick Bishop
230-10830S	1	\$725.00	\$160,645.01	K&N Electric Motors, Inc.	Priest Rapids Dam Oil Head Machine Shop Units 4-6	Contractor shall perform as-found measurements on the five US oil head bearings that will be machined in their shop.	3 - Department Manager	9/1/2024	3/16/2023	Lori Englehart-Jewell
430-11583	2	\$640.00	\$126,787.00	Whitebird, Inc.	Ephrata Headquarters & Hydro Office Annex Private Offices	Extend the Substantial and Final Completion Dates. Increase the Contract Price.	3 - Department Manager	5/25/2023	3/20/2023	Nicona Butler
430-11362	5	\$0.00	\$132,581.33	Halme Builders, Inc.	Grand Coulee Local Office Improvements	Extend the Final Contract Completion Date.	3 - Department Manager	4/17/2023	3/21/2023	Nicona Butler
330-11026	8	\$0.00	\$267,362.50	Krueger Sheet Metal Company	WMC - Archaeology Office Building (AOB) Reroof	Extend the Final Contract Completion Date.	3 - Department Manager	5/1/2023	3/21/2023	Nicona Butler
330-11112	3	\$138,089.00	\$394,128.36	NC Power Systems	Stand-by Generator for Wanapum Dam	Extend Contract Completion Date and Increase Contract Price	5 - Managing Director	12/31/2023	3/23/2023	Rebecca Diaz
430-11188R	4	\$0.00	\$133,700.00	Stan's Construction and Son, LLC	Saddle Mountain & Beezley Hill Radio Site Building Reroof - Rebid	Extend Final Contract Completion Date.	3 - Department Manager	5/1/2023	3/27/2023	Nicona Butler
430-4205R	3	\$0.00	\$773,900.00	Think Tank Sanitation, Inc.	Supply and Service Outside Restrooms and Maintenance of Septic Systems	Extend the Contract Completion Date.	3 - Department Manager	5/31/2023	3/27/2023	Nicona Butler
430-10632	7	\$10,000.00	\$1,813,812.87	CDW Government, Inc.	Microsoft Enterprise Agreement	Add Funds to cover Annual Cost	4 - Senior Manager/Plant Manager	8/31/2023	3/28/2023	Rebecca Diaz
130-4026A	3	\$0.00	\$1,750,000.00	Anixter, Inc.	Supply and Install an Advanced Metering Infrastructure (AMI) - Ongoing Services	Extend the contract Completion Date	3 - Department Manager	5/15/2023	3/28/2023	Shelli Tompkins
260-10872	2	-\$42,805.65	-\$104,915.39	Public Utility District No. 1 of Chelan County	Not Tracked - Chelan PUD OLAFT Facilities Use Agreement 2021	Increase for Chelan's 2023 Annual Fee for use of the OLAFT.	3 - Department Manager	1/30/2026	3/29/2023	Cindy Inch
430-3998	7		\$900,000.00	Wenatchee Valley Hospital	Occupational Medical Services	Extend Completion date.	4 - Senior Manager/Plant Manager	4/30/2023	3/29/2023	Guy Wanner
130-06578	3	\$0.00	\$900,000.00	Electrical Consultants, Inc.	System Studies Engineering Master Service Agreement	Extend the Contract Completion date from April 1, 2023 to June 30, 2023 to complete work on the Long-range Distribution Study.	3 - Department Manager	6/30/2023	3/29/2023	Emilie DeLong
330-11618	2	\$0.00	\$380,750.00	Krueger Sheet Metal Company	Hydro Office Building Roofing Repair	Extend the Final Contract Completion Date.	3 - Department Manager	4/21/2023	3/30/2023	Nicona Butler

Contract Completion Report - March 2023

Grant Contract Number	Contract Status	Counterparty	Contract Title	Current Contract Value	Completion Date	District Representative	Procurement Officer
430-4029	In Close Out	Del Sol, Inc.	District Wide Janitorial Services	\$1,560,017.75	2/15/2019	Lori Thorpe	Nicona Butler
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
430-4052A	In Close Out	Aecom Technical Services, Inc.	Consultant for Embankment Seismic Stability and Seepage	\$100,000.00	6/23/2020	David Mishalanie	SVC_OneDriveMig
330-4018R	In Close Out	Knight Construction and Supply, Inc.	Wanapum Dam Spillway Gate Painting and Trunnion Rehabilitation	\$16,669,743.37	7/15/2020	David Dempsey	Guy Wanner
430-09684	In Close Out	Contract Resource Group	Annual District Standard Furniture Supply and Install	\$850,503.58	12/31/2020	Mike Harr	Nicona Butler
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	Lori Englehart-Jewell
130-4051D	In Close Out	MacKay and Sposito, Inc.	Professional Engineering Services through 2021	\$2,000,000.00	12/31/2021	Randy Kono	Patrick Bishop
130-4051C	In Close Out	Stanley Consultants, Inc.	Professional Engineering Services through 2021	\$3,000,000.00	12/31/2021	Randy Kono	Patrick Bishop
430-08903SR	In Close Out	TK Elevator Corporation	Routine Inspection, Maintenance, Repair of Elevator Systems	\$143,646.64	12/31/2021	Richard Faber	Rebecca Diaz
160-08334	In Close Out	Neutron LLC	Not Tracked - Advanced Transport Services Neutron LLC		3/15/2022	Terry Mckenzie	Bri Saunders
130-4051B	In Close Out	POWER Engineers, Inc.	Professional Engineering Services through 2021	\$7,200,000.00	3/31/2022	Randy Kono	Patrick Bishop
130-09331HR	In Close Out	Potelco, Inc.	Dock Crew 2019-2021	\$16,628,039.00	3/31/2022	William Coe	Patrick Bishop
130-11168	In Close Out	Phaidon International	Recruiting services for System Protection Engineer I-V	\$120,000.00	4/19/2022	Richard Maguire	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	Cindy Inch
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	Cindy Inch
130-4051A	In Close Out	HDR Engineering, Inc.	Professional Engineering Services through 2021	\$9,970,000.00	6/30/2022	Randy Kono	Patrick Bishop
430-06830	In Close Out	KJ's Lawn Care and Maintenance	District Wide Grounds Maintenance	\$650,250.00	6/30/2022	Lori Thorpe	Nicona Butler
330-10364	In Close Out	Bridge Diagnostics, Inc.	Wanapum Dam Spillway Gates Strain Gaging (Gates 2,3,4,9,10,11,12)	\$615,900.28	6/30/2022	Jennifer Bell	Rebecca Diaz
170-11483	In Close Out	Doble Engineering Company	Doble 6150 Purchase	\$89,577.00	7/21/2022	William Coe	Patrick Bishop

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140-11309	In Close Out	City of Quincy	Study Agreement	-\$29,021.75	8/20/2022	Randy Kono	Leah Mauceri
160-07738	In Close Out	NoaNet	Not Tracked - Telecom Facilities License Agreement (Dark Fiber)		8/31/2022	Terry Mckenzie	Bri Saunders
170-10397	In Close Out	Graybar Electric Company, Inc.	Supplying Allied Telesis Multiservice Gateway Electronics for Fiber Termination	\$2,999,997.00	8/31/2022	Troy Holt	Patrick Bishop
130-11385	In Close Out	Stan's Construction and Son, LLC	Ephrata Service Center Stormwater Improvements	\$70,863.00	9/30/2022	Nick Bare	Nicona Butler
230-11494S	In Close Out	Nicholson Construction Company	Priest Rapids Spillway Lift Joint Drain Drilling	\$199,475.00	9/30/2022	Logan Castle	Beau Schwab
130-11473	In Close Out	Stan's Construction and Son, LLC	MLSC Dispatch Stairs & Loading Dock Improvements	\$87,650.00	11/16/2022	Maria Wren	Nicona Butler
130-10915	In Close Out	Alamon, Inc.	Labor and Materials to Test and Treat District Distribution and Fiber Poles in 2021-2022	\$512,830.57	12/29/2022	William Coe	Patrick Bishop
430-08051	In Close Out	ADT Commercial, LLC	Electronic Access Control and Video Management Systems	\$1,928,895.44	12/30/2022	George Hainer	Guy Wanner
130-11077	In Close Out	Contract Resource Group	2022 District Furniture Supply and Install	\$193,580.91	12/30/2022	Mike Harr	Nicona Butler
430-3797	In Close Out	Washington State Department of Fish and Wildlife	Monitoring and Evaluation of Hatchery Programs in the Wenatchee and Methow River Basins	\$3,779,548.80	12/31/2022	Tim Taylor	Cindy Inch
430-08470	In Close Out	Volt Workforce Solutions	Volt Workforce Solutions Staff Augmentation	\$3,850,000.00	12/31/2022	Julie Pyper	Rebecca Diaz
170-11087	In Close Out	Wesco Anixter	Supplying Fiber Optic Cable 2022	\$792,000.00	1/5/2023	Jeremy Conner	Patrick Bishop
430-10859	In Close Out	McKinstry Essention LLC	Facilities Maintenance Planning & Support	\$587,963.00	1/31/2023	Tim Fleisher	Nicona Butler
170-11231	In Close Out	Consolidated Electrical Distributors Inc. - Moses Lake	Supplying 336 and 795 AAC Overhead Conductor	\$1,857,756.00	2/17/2023	Kyle Robillard	Emilie DeLong
430-11482	In Close Out	Four Peaks Environmental Science and Data Solutions	Sub-yearling Behavior Study - 2022	\$95,328.00	2/28/2023	Curtis Dotson	Cindy Inch
230-11469R	In Close Out	KRCI LLC	Priest Rapids Recreation Area Dredging and Bank Stabilization	\$467,187.80	2/28/2023	JT Wallace	Cindy Inch
130-11463	In Close Out	Farmer's Electric, II LLC	Labor and Materials to Convert Corner Grounded Delta Sites	\$622,359.82	3/16/2023	Jacob Johnson	Patrick Bishop
430-10276	In Close Out	IVOXY Consulting, Inc.	Commvault Maintenance Renewal	\$62,445.92	3/27/2023	Matt Johnson	Shelli Tompkins
430-3050	In Close Out	Stantec Consulting Services, Inc.	Professional Dam Safety Engineering Consultant	\$14,075,000.00	3/31/2023	Christopher Steinmetz	Beau Schwab

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430-07424A	In Close Out	Gannett Fleming, Inc.	Dam Safety Engineering Services	\$4,125,000.00	3/31/2023	Madeline Marsh	Beau Schwab
430-07424B	In Close Out	Jacobs Engineering Group, Inc.	Dam Safety Engineering Services	\$2,200,000.00	3/31/2023	Anthony Vader	Beau Schwab
430-07424C	In Close Out	Cornforth Consultants, Inc.	Dam Safety Engineering Services	\$5,400,000.00	3/31/2023	Logan Castle	Beau Schwab
430-07424D	In Close Out	WEST Consultants, Inc.	Dam Safety Engineering Services	\$425,000.00	3/31/2023	Rebecca Simpson	Beau Schwab
430-HFA 601-36H	Open	Real Time Research Inc	RTR - Avian Predation on ESA-listed Juvenile Salmonids on the Mid-Columbia	\$479,475.00	3/31/2023	Curtis Dotson	Cindy Inch
430-11068	Open	Four Peaks Environmental Science and Data Solutions	Fish Count Automation Phase 2	\$102,275.08	3/31/2023	Dave Duvall	Cindy Inch
140-11200	Open	Bit Capital Group, LLC	Not Tracked - Large Power Facilities Agreement	-\$489,856.00	3/31/2023	Shane Lunderville	Leah Mauceri
430-11383	Open	TMG Consulting	TMG Monitoring	\$64,600.00	3/31/2023	Paula Alley	Shelli Tompkins
430-11362	Open	Halme Builders, Inc.	Grand Coulee Local Office Improvements	\$132,581.33	4/17/2023	Tim Fleisher	Nicona Butler
330-11618	Open	Krueger Sheet Metal Company	Hydro Office Building Roofing Repair	\$380,750.00	4/21/2023	Tim Fleisher	Nicona Butler
130-PO31365P	Open	Hitachi Energy USA, Inc.	Technical Services for GC-1710 Circuit Breaker Repair	\$49,771.00	4/21/2023	John Kemman	Bri Saunders
130-3321	Open	City of Mattawa, Washington	ILA for District Payment Station at City of Mattawa	\$276,000.00	4/30/2023	Cary West	Lori Englehart-Jewell
430-3998	Open	Wenatchee Valley Hospital	Occupational Medical Services	\$900,000.00	4/30/2023	Luis Sanchez	Guy Wanner
430-10966	Open	Total Resource Management	2021 Annual Maximo Maintenance Renewal	\$219,088.27	4/30/2023	Paula Alley	Shelli Tompkins
270-11670	Open	Hitachi Energy USA, Inc.	Generator Circuit Breaker Overhaul Kits	\$176,526.00	4/30/2023	Amy Johnson	Rebecca Diaz
330-11026	Open	Krueger Sheet Metal Company	WMC - Archaeology Office Building (AOB) Reroof	\$267,362.50	5/1/2023	Maria Wren	Nicona Butler
430-11188R	Open	Stan's Construction and Son, LLC	Saddle Mountain & Beezley Hill Radio Site Building Reroof - Rebid	\$133,700.00	5/1/2023	Tim Fleisher	Nicona Butler
430-11011	Open	Western Electricity Coordinating Council	Non-Disclosure Agreement		5/10/2023	Kyle Hussey	Leah Mauceri
130-11538	Open	Urenco and X-energy	Mutual Non-Disclosure Agreement - Not Tracked	\$0.00	5/10/2023	Kevin Nordt	Leah Mauceri
130-11539	Open	Centrus and X-energy	Mutual Non-Disclosure Agreement - Not Tracked	\$0.00	5/10/2023	Kevin Nordt	Leah Mauceri
130-4026A	Open	Anixter, Inc.	Supply and Install an Advanced Metering Infrastructure (AMI) - Ongoing Services	\$1,750,000.00	5/15/2023	John Kemman	Shelli Tompkins

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430-11583	Open	Whitebird, Inc.	Ephrata Headquarters & Hydro Office Annex Private Offices	\$126,787.00	5/25/2023	Tim Fleisher	Nicona Butler
430-4205R	Open	Think Tank Sanitation, Inc.	Supply and Service Outside Restrooms and Maintenance of Septic Systems	\$773,900.00	5/31/2023	Tom Hardie	Nicona Butler
430-HFA 603-35H	Pending Contractor Review	Washington Water Trust	Cascade Orchards Icicle Creek (COIC) Flow Restoration	\$515,000.00	5/31/2023	Dave Duvall	Cindy Inch
470-11481	Open	World Wide Technology, LLC	Network Equipment for EMS Replacement Project	\$202,289.12	5/31/2023	Kevin Carley	Nicona Butler
130-09724	In Close Out	Quanta Infrastructure Solutions Group, LLC	Grant County Load Growth Project	\$72,166,164.82	6/6/2023	David Klinkenberg	Beau Schwab
430-11028	Open	Nuclear Economics Consulting Group LLC	Nuclear Economics Consulting	\$347,000.00	6/15/2023	Bryce Greenfield	Rebecca Diaz
470-11493	Open	IVOXO Consulting, Inc.	Pure Storage Arrays for the EMS Replacement Project	\$176,363.88	6/15/2023	Kevin Carley	Nicona Butler
140-09609	Open	C1-Quincy LLC	Large Power Facilities Agreement	-\$6,719,000.00	6/28/2023	Shane Lunderville	Leah Mauceri
130-06578	Open	Electrical Consultants, Inc.	System Studies Engineering Master Service Agreement	\$900,000.00	6/30/2023	Richard Maguire	Emilie DeLong
430-4200	Open	CAPFinancial Partners, LLC	Professional Services for 457 Deferred Comp and 401a Plan Investment Consulting	\$415,750.00	6/30/2023	Tod Ayers	Guy Wanner
170-06845	Open	Mitsubishi Electric Power Products, Inc.	Supplying 115kV and 230kV High Voltage SF6 Circuit Breaker(s)	\$3,685,953.87	6/30/2023	Dan Niehenke	Patrick Bishop
430-09430	Open	P.A. Hill Executive Search Inc.	Power Production Engineering Recruitment Services	\$40,000.00	6/30/2023	Dale Campbell	Lori Englehart-Jewell
130-09956	Open	Avineon, Inc.	Data Migration Implementation Services for GIS System	\$774,204.00	6/30/2023	Ken Smith	Nicona Butler
430-10248	Open	DavisLogic Inc	Emergency Management Program Development	\$90,000.00	6/30/2023	David Ponozzo	Guy Wanner
230-10956	In Close Out	Bridge Diagnostics, Inc.	PRD Trunnion Anchor UT Services	\$350,125.00	6/30/2023	Rebecca Simpson	Beau Schwab
430-11047	Open	phData Inc	Professional Services PhData for data governance	\$460,125.00	6/30/2023	Bobb Hansen	Guy Wanner
430-11346R2	Open	KJ's Lawn Care and Maintenance	District Wide Grounds Maintenance - Rebid	\$119,800.00	6/30/2023	Lori Thorpe	Nicona Butler
430-11562	Open	CompuNet, Inc.	Annual Renewal - Cisco Flex Licensing - 2022	\$56,094.00	6/30/2023	David Parkhurst	Nicona Butler
430-11645	Open	Sandpiper Solutions LLC	BPA Post-2028 contract relating to treatment of New Large Single Loads (NLSL)	\$17,000.00	6/30/2023	Andrew Munro	Cindy Inch

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230-11484R2	Open	Krueger Sheet Metal Company	Wanapum Indian Village Longhouse Reroof - Rebid	\$242,998.00	6/30/2023	Maria Wren	Emilie DeLong
430-11805	Open	DNV GL Noble Denton	Synergi Electric Model Build	\$60,000.00	6/30/2023	Charles Meyer	Nicona Butler
430-08476	Open	Moss Adams LLP	Financial Auditors	\$1,200,000.00	7/1/2023	Jennifer Sager	Rebecca Diaz
430-11636	Open	JJ Kane Auctioneers	Not Tracked - JJ KANE AUCTIONEERS - SURPLUS		7/1/2023	Patrick Bishop	Sara Benedict
170-11561	Open	Wireless Structures Consulting, Inc. DBA Western Utility Telecom, Inc.	Supplying Steel Poles for the West Canal 230kV Tap and the Quincy Foothills 230kV Tap	\$735,556.00	7/7/2023	Randy Kono	Patrick Bishop