

**BEFORE THE WASHINGTON  
UTILITIES & TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,

Complainant,

v.

AVISTA CORPORATION D/B/A/ AVISTA UTILITIES

Respondent.

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DOCKETS UE-220053, UG-220054, and UE-210854 (Consolidated)

**SEBASTIAN COPPOLA  
ON BEHALF OF THE  
WASHINGTON STATE OFFICE OF THE ATTORNEY GENERAL  
PUBLIC COUNSEL UNIT**

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**EXHIBIT SC-21**

Avista's Response to Public Counsel's Data Request No. 208, with Attachment A, Data Request No. 210–211, and Data Request No. 212, with Attachments A–D, on Detail Support of Capital Additions

**July 29, 2022**

**AVISTA CORP.  
RESPONSE TO REQUEST FOR INFORMATION**

JURISDICTION:	WASHINGTON	DATE PREPARED:	05/17/2022
CASE NO.:	UE-220053 & UG-220054	WITNESS:	Justin Baldwin-Bonney
REQUESTER:	Public Counsel	RESPONDER:	K. Schultz / T. Benjamin
TYPE:	Data Request	DEPT:	Regulatory Affairs
REQUEST NO.:	PC – 208	TELEPHONE:	(509) 495-2482
		EMAIL:	kaylene.schultz@avistacorp.com

**SUBJECT: Capital Additions 2021, TY1 and TY2**

**REQUEST:**

**RE: Capital Additions 2021, TY1 and TY2, Justin A. Baldwin-Bonney, Exh JBB-3 at 1–4.**

For each programmatic project or program of \$1.0 million or greater in 2021 that repeats annually, please provide the following information in Excel:

- a. Expand the schedules to include historical amounts spent in each year 2018 through 2021.
- b. Provide the average amount spent for the three years 2018–2020 and the variance amount and percent against the 2021 actual amount.
- c. Explain any variance of 10 percent or greater and provide the amount related to each reason for the variance.
- d. Provide the number of units, quantities, or other data supporting the capital additions for each year 2018 through 2021

**RESPONSE:**

- a. Please see PC-DR-208 Attachment A for transfers-to-plant (TTP) on a system basis by Business Case as contained in Exh. JBB-3 for the period of 2018-2024 (actuals for 2018-2021, forecasted for 2022-2024). The Colstrip 3 & 4 Capital Projects Business Case is not included in this analysis. Please see Staff-DR-123 for more information regarding Colstrip.
- b. The average of TTP for the three years 2018-2020 can be derived by Public Counsel from the data provided in PC-DR-208 Attachment A. Please note, the Company bases its determination of rate base included in this case off TTP (when the Business Case is or intended to be in-service and used and useful), rather than spend.
- c. As noted in part b above, calculating the variance on a dollar and percent basis between a 3-year average of 2018-2020 and the 2021 actual amount on a system basis can be done by Public Counsel by using the data as provided in PC-DR-208 Attachment A. If more particular information on variances is requested for a specific Business Case or set of Business Cases among the list of Business Cases (134 Business Cases in total over the period 2021-2024) in PC-DR-208 Attachment A for the years provided, please advise.
- d. Please refer to the Business Cases for supporting documentation. Please note, the Business Case generally includes spend, and as mentioned in part b. above, the Company uses TTP as the basis for determining rate recovery. Please see the associated Business Case located in one of the following: Exh. JRT-4, Exh. HLR-2, Exh. JMK-2, Exh. KEM-2, Exh. SJK-2, and Exh. DRH-4. Mr. Baldwin-Bonney's Exh. JBB-3 provides a listing of the Business Cases by name and includes a reference to the capital witness's testimony that sponsors the Business Case. Please also refer to Staff-DR-121

Attachment A for references, including page numbers, to the related testimony and Business Case exhibits by Business Case included in this case.

Business cases that support capital additions for 2018-2020 (actual TTP that was deemed prudent and in-service, per Final Order 08 / 05) were previously provided in Dockets UE-200900, UG-200901 and UE-200894 (*consolidated*) have been provided as the following attachments:

- PC-DR-208 Attachment B (previously Exh. JRT-6 in Dockets UE-200900, UG-200901 and UE-200894 (*consolidated*))
- PC-DR-208 Attachment C (previously Exh. HLR-11 in Dockets UE-200900, UG-200901 and UE-200894 (*consolidated*))
- PC-DR-208 Attachment D (previously Exh. JMK-3 in Dockets UE-200900, UG-200901 and UE-200894 (*consolidated*))
- PC-DR-208 Attachment E (previously Exh. KEM-2 in Dockets UE-200900, UG-200901 and UE-200894 (*consolidated*))
- PC-DR-208 Attachment F (previously Exh. DRH-7 in Dockets UE-200900, UG-200901 and UE-200894 (*consolidated*))

**ATTACHMENT A TO AVISTA'S RESPONSE TO PUBLIC  
COUNSEL'S DATA REQUEST NO. 208**

**PC-DR-208 Attachment A**  
**System Transfers to Plant (TTP) by Business Case (including 2021 Budgeted TTP)**

Business Case	Reoccurring? <sup>[2]</sup>	Actual TTP				Forecasted TTP			2021 Budgeted TTP (System)
		2018 Actual TTP (System)	2019 Actual TTP (System)	2020 Actual TTP (System)	2021 Actual TTP (System)	2022 Forecasted TTP (System)	2023 Forecasted TTP (System)	2024 Forecasted TTP (System)	
Apprentice/Craft Training	N	\$ 136,695	\$ 1,890	\$ 43,920	\$ 45,004	\$ -	\$ -	\$ -	\$ 61,677
Atlas	Y	\$ 2,242,717	\$ 399,255	\$ 2,339,714	\$ 2,756,260	\$ 1,452,641	\$ 2,948,867	\$ 2,119,113	\$ 2,131,345
Automation Replacement	Y	\$ 1,231,420	\$ 319,503	\$ 405,105	\$ 649,170	\$ 349,999	\$ 349,999	\$ 600,000	\$ 419,000
Base Load Hydro	Y	\$ 943,795	\$ 748,288	\$ 800,907	\$ 369,768	\$ 958,925	\$ 963,504	\$ 963,504	\$ 1,025,004
Base Load Thermal Program	Y	\$ 2,218,870	\$ 2,305,760	\$ 2,222,952	\$ 2,454,389	\$ 2,484,254	\$ 2,693,105	\$ 2,623,988	\$ 2,764,186
Basic Workplace Technology Delivery	Y	\$ -	\$ 241	\$ 1,277,200	\$ 1,172,274	\$ 813,479	\$ 800,005	\$ 800,003	\$ 440,003
Boulder Park Generator Replacement	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 999,998	\$ -
Cabinet Gorge 15 KV Bus Replacement	N	\$ -	\$ -	\$ 396,721	\$ 411,049	\$ -	\$ -	\$ -	\$ -
Cabinet Gorge Dam Fishway	N	\$ -	\$ -	\$ 54,207	\$ (54,207)	\$ 63,475,101	\$ 235,000	\$ -	\$ -
Cabinet Gorge HVAC Replacement	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -
Cabinet Gorge Station Service	N	\$ -	\$ -	\$ -	\$ -	\$ 7,761,859	\$ 5,152,936	\$ -	\$ -
Cabinet Gorge Stop Log Replacement	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ -	\$ -
Cabinet Gorge Unit 3 Protection & Control Upgrade	N	\$ -	\$ -	\$ -	\$ 3,073,449	\$ -	\$ -	\$ -	\$ 2,818,081
Cabinet Gorge Unit 4 Protection & Control Upgrade	N	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ -	\$ -	\$ 2,831,852
Cabinet Gorge Unwatering Pumps	N	\$ -	\$ -	\$ -	\$ -	\$ 395,000	\$ 395,016	\$ -	\$ -
Capital Tools & Stores	Y	\$ 2,717,260	\$ 1,771,563	\$ 1,634,823	\$ 2,350,482	\$ 2,500,008	\$ 2,500,008	\$ 2,500,008	\$ 2,753,832
Central 24 HR Operations Facility	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,598,545	\$ -
Clark Fork Settlement Agreement	Y	\$ 2,076,672	\$ 994,801	\$ 945,205	\$ 2,703,250	\$ 4,839,609	\$ 5,622,720	\$ 3,877,380	\$ 6,470,552
Colstrip Transmission	Y	\$ 120,892	\$ 357,673	\$ 385,002	\$ 558,300	\$ 325,001	\$ 370,002	\$ 639,999	\$ 724,001
Control and Safety Network Infrastructure	N	\$ -	\$ -	\$ -	\$ -	\$ 1,324,039	\$ 1,282,468	\$ 1,485,787	\$ -
Coyote Springs LTSA	N	\$ -	\$ 44,858	\$ -	\$ 15,898,972	\$ -	\$ -	\$ -	\$ -
CS2 Single Phase Transformer	N	\$ -	\$ -	\$ 2,847,790	\$ 17,052,904	\$ -	\$ -	\$ -	\$ 18,800,848
Customer Experience Platform Program <sup>[1]</sup>	Y	\$ -	\$ -	\$ -	\$ 6,540,925	\$ 5,999,915	\$ 6,300,000	\$ 6,300,000	\$ 4,338,871
Customer Facing Technology Program	Y	\$ 7,432,557	\$ 6,950,848	\$ 15,868,642	\$ 3,465,629	\$ 4,078,651	\$ 4,699,999	\$ 4,700,000	\$ 5,253,159
Customer Transactional Systems	Y	\$ -	\$ -	\$ 1,704,621	\$ 4,004,370	\$ 3,859,166	\$ 3,500,000	\$ 3,749,987	\$ 3,740,591
Data Center Compute and Storage Systems	Y	\$ 207,966	\$ 2,233,253	\$ 1,956,169	\$ 2,093,930	\$ 1,260,205	\$ 2,063,801	\$ 1,972,626	\$ 495,965
Digital Grid Network	Y	\$ 2,470,662	\$ 531,567	\$ 1,943,211	\$ 1,221,333	\$ 2,801,323	\$ 2,121,419	\$ 2,461,518	\$ 1,403,703
Distribution Grid Modernization	Y	\$ 14,788,545	\$ 10,112,822	\$ 7,500,912	\$ 1,507,018	\$ 2,165,010	\$ 2,239,852	\$ 794,988	\$ -
Distribution Minor Rebuild	Y	\$ 9,272,528	\$ 11,868,879	\$ 12,157,855	\$ 11,835,053	\$ 11,499,986	\$ 11,499,986	\$ 10,999,980	\$ 10,046,229
Distribution System Enhancements	Y	\$ 3,685,446	\$ 4,853,883	\$ 3,731,511	\$ 6,102,801	\$ 6,930,025	\$ 7,069,995	\$ 7,000,013	\$ 5,999,999
Distribution Transformer Change Out Program	N	\$ 2,064,151	\$ 995,659	\$ 170,931	\$ 107,443	\$ -	\$ -	\$ -	\$ 399,996
Downtown Network - Asset Condition	Y	\$ 2,742,350	\$ 1,815,954	\$ 1,915,580	\$ 1,883,954	\$ 1,600,000	\$ 1,999,999	\$ 2,400,000	\$ 1,599,997
Downtown Network - Performance & Capacity	Y	\$ 340,338	\$ 379,678	\$ 1,947,160	\$ 670,739	\$ 1,100,000	\$ 1,150,000	\$ 1,200,000	\$ 1,717,694
Elec Relocation and Replacement Program	Y	\$ 1,573,450	\$ 1,693,571	\$ 6,503,138	\$ 5,183,165	\$ 5,399,944	\$ 5,399,984	\$ 5,399,987	\$ 2,751,073
Electric Storm	Y	\$ 3,190,440	\$ 6,237,565	\$ 10,510,175	\$ 17,798,754	\$ 6,023,406	\$ 6,000,012	\$ 6,000,012	\$ 3,423,275
Electric Transportation	Y	\$ -	\$ -	\$ -	\$ 616,426	\$ 2,775,000	\$ 3,900,000	\$ 4,060,000	\$ 2,000,253
Endpoint Compute and Productivity Systems	Y	\$ 1,033,833	\$ 10,919,526	\$ 5,056,069	\$ 1,657,283	\$ 3,498,321	\$ 3,416,996	\$ 5,681,768	\$ 2,877,669
Energy Delivery Modernization & Operational Efficiency	Y	\$ -	\$ -	\$ -	\$ 2,183,337	\$ 5,560,672	\$ 3,449,859	\$ 5,789,674	\$ 5,462,847
Energy Delivery Operational Efficiency & Shared Services	N	\$ 1,973,649	\$ 5,187,210	\$ 3,300,317	\$ 648,749	\$ -	\$ -	\$ -	\$ 388,925
Energy Imbalance Market	N	\$ -	\$ -	\$ 2,832,327	\$ 10,584,930	\$ 12,016,376	\$ -	\$ -	\$ 9,576,711
Energy Imbalance Market Modernization & Operational Efficiency	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 499,974	\$ 585,791	\$ -
Energy Resources Modernization & Operational Efficiency	Y	\$ 509,680	\$ 895,569	\$ 1,823,770	\$ 1,550,948	\$ 2,727,599	\$ 2,679,478	\$ 2,695,981	\$ 938,827
Enterprise & Control Network Infrastructure <sup>[3]</sup>	Y	\$ 1,307,216	\$ 5,021,478	\$ 2,838,112	\$ 6,049,746	\$ 3,243,307	\$ -	\$ -	\$ 6,965,904
Enterprise Business Continuity	Y	\$ 257,515	\$ (0)	\$ -	\$ 171,368	\$ 93,045	\$ 422,064	\$ 100,000	\$ 302,427
Enterprise Communication Systems	Y	\$ 428,669	\$ 2,050,011	\$ 1,812,954	\$ 2,216,341	\$ 1,472,733	\$ 2,482,488	\$ 2,115,997	\$ 1,757,065
Enterprise Data Science	N	\$ -	\$ 1,437,251	\$ 1,299,169	\$ 21,497	\$ -	\$ -	\$ -	\$ -
Enterprise Network Infrastructure	N	\$ -	\$ -	\$ -	\$ -	\$ 2,235,285	\$ 2,341,928	\$ 1,544,361	\$ -
Enterprise Security	Y	\$ 1,037,227	\$ 3,816,881	\$ 3,886,215	\$ 3,113,431	\$ 972,340	\$ 1,137,498	\$ 1,400,499	\$ 1,249,414
Environmental Control & Monitoring Systems	Y	\$ 100,618	\$ 749,778	\$ 580,676	\$ 670,378	\$ 1,123,937	\$ 964,347	\$ 887,389	\$ 1,088,594
ET Modernization & Operational Efficiency - Technology	Y	\$ 1,753,393	\$ 2,462,107	\$ 2,192,326	\$ 2,214,553	\$ 1,564,548	\$ 2,002,429	\$ 2,053,458	\$ 1,869,211
Facilities and Storage Location Security	Y	\$ -	\$ 1,009,634	\$ 409,092	\$ 267,591	\$ 210,919	\$ 489,088	\$ 345,587	\$ 246,161
Fiber Network Lease Service Replacement	Y	\$ -	\$ -	\$ 566,168	\$ 591,261	\$ 1,392,970	\$ 1,687,126	\$ 1,392,938	\$ 2,054,204
Financial & Accounting Technology	Y	\$ 1,195,280	\$ 3,446,598	\$ 395,007	\$ 4,537,652	\$ 1,788,284	\$ 2,775,001	\$ 2,150,001	\$ 3,514,217
Fleet Services Capital Plan	Y	\$ 8,560,627	\$ 6,662,890	\$ 4,913,208	\$ 5,810,999	\$ 7,904,640	\$ 5,608,016	\$ 5,423,704	\$ 6,872,893
Gas Above Grade Pipe Remediation Program <sup>[3]</sup>	Y	\$ -	\$ -	\$ -	\$ -	\$ 682,000	\$ 714,000	\$ 709,000	\$ -
Gas Airway Heights HP Reinforcement	N	\$ -	\$ -	\$ -	\$ -	\$ 9,634,502	\$ -	\$ -	\$ 2,999,743
Gas Cathodic Protection Program	Y	\$ 311,249	\$ 784,320	\$ 704,512	\$ 325,122	\$ 715,000	\$ 715,000	\$ 715,000	\$ 800,500
Gas Cheney HP Reinforcement	N	\$ -	\$ 3,048,353	\$ 4,944,134	\$ 2,834,650	\$ -	\$ -	\$ -	\$ 3,099,608

**PC-DR-208 Attachment A**  
**System Transfers to Plant (TTP) by Business Case (including 2021 Budgeted TTP)**

Business Case	Reoccurring? <sup>[2]</sup>	Actual TTP				Forecasted TTP			2021 Budgeted TTP (System)
		2018 Actual TTP (System)	2019 Actual TTP (System)	2020 Actual TTP (System)	2021 Actual TTP (System)	2022 Forecasted TTP (System)	2023 Forecasted TTP (System)	2024 Forecasted TTP (System)	
		Gas Facility Replacement Program (GFRP) Aldyl A Pipe Replacement	Y	\$ 21,914,044	\$ 22,002,672	\$ 20,857,498	\$ 22,430,464	\$ 25,687,251	
Gas HP Pipeline Remediation Program	N	\$ 4,952	\$ 0	\$ -	\$ 702,918	\$ 599,998	\$ -	\$ -	\$ 699,752
Gas Isolated Steel Replacement Program	Y	\$ 1,416,008	\$ 1,459,659	\$ 748,884	\$ 957,955	\$ 862,754	\$ 850,008	\$ 850,008	\$ 1,399,910
Gas Non-Revenue Program	Y	\$ 8,811,389	\$ 8,173,893	\$ 7,166,320	\$ 9,831,020	\$ 9,295,000	\$ 8,500,010	\$ 8,500,010	\$ 7,999,999
Gas Operator Qualification Compliance	N	\$ -	\$ 248,710	\$ 34,123	\$ 28,045	\$ -	\$ -	\$ -	\$ 65,074
Gas Overbuilt Pipe Replacement Program	N	\$ 85,263	\$ 755,731	\$ 206,215	\$ 158,171	\$ -	\$ -	\$ -	\$ 459,747
Gas PMC Program	Y	\$ 2,863,796	\$ 2,852,374	\$ 1,426,939	\$ 2,297,030	\$ 3,500,004	\$ 3,799,993	\$ 1,500,000	\$ 2,949,736
Gas Pullman HP Reinforcement Project	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,400,004	\$ -
Gas Regulator Station Replacement Program	Y	\$ 1,067,355	\$ 996,497	\$ 610,389	\$ 1,216,306	\$ 985,579	\$ 1,000,002	\$ 799,999	\$ 1,462,037
Gas Reinforcement Program	Y	\$ 1,767,984	\$ 795,172	\$ 1,450,851	\$ 620,671	\$ 1,299,997	\$ 1,299,999	\$ 1,300,002	\$ 1,299,744
Gas Replacement Street and Highway Program	Y	\$ 4,704,048	\$ 7,592,120	\$ 2,888,314	\$ 3,120,332	\$ 3,495,650	\$ 3,500,000	\$ 3,500,000	\$ 3,418,022
Gas Telemetry Program	Y	\$ 214,943	\$ 159,810	\$ 103,591	\$ 155,090	\$ 303,256	\$ 210,004	\$ 210,004	\$ 174,438
Gas Transient Voltage Mitigation Program <sup>[3]</sup>	Y	\$ -	\$ -	\$ -	\$ -	\$ 875,000	\$ 965,000	\$ 250,000	\$ -
Generation DC Supplied System Update	Y	\$ 2,435,491	\$ (15,071)	\$ 292,079	\$ 237,573	\$ 550,001	\$ 550,001	\$ 400,000	\$ 249,996
Generation Masonry Building Rehabilitation	N	\$ -	\$ -	\$ -	\$ -	\$ 493,993	\$ 493,995	\$ 493,990	\$ -
Generation Protection Upgrades	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 587,500	\$ -
Generation, Substation & Gas Location Security	Y	\$ -	\$ -	\$ -	\$ 2,683,814	\$ 332,159	\$ 459,001	\$ 545,002	\$ 483,038
High Voltage Protection (HVP) Refresh	N	\$ 163,122	\$ 291,477	\$ -	\$ -	\$ 226,712	\$ 336,542	\$ 190,320	\$ 358,075
HMI Control Software	Y	\$ 54,541	\$ 2,918	\$ -	\$ 336,041	\$ 3,500,000	\$ 2,550,000	\$ 1,550,000	\$ 2,200,000
Human Resources Technology	Y	\$ 135,775	\$ 120,315	\$ 871,690	\$ 239,355	\$ 499,529	\$ 500,002	\$ 500,000	\$ 699,555
Hydro Safety Minor Blanket	N	\$ 242,972	\$ -	\$ -	\$ 40,951	\$ -	\$ -	\$ -	\$ 50,004
Identity and Access Governance (IAG) <sup>[3]</sup>	Y	\$ -	\$ -	\$ -	\$ -	\$ 672,255	\$ 418,119	\$ 191,368	\$ -
Jackson Prairie Joint Project	Y	\$ 2,351,222	\$ 2,489,056	\$ 2,358,693	\$ 2,349,150	\$ 2,378,977	\$ 2,369,965	\$ 2,420,989	\$ 2,376,660
Joint Use	Y	\$ -	\$ -	\$ 4,012,728	\$ 1,665,814	\$ 2,749,992	\$ 2,950,008	\$ 2,950,008	\$ 2,750,002
KF_Fuel Yard Equipment Replacement	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,367,127	\$ -	\$ -
Land Mobile Radio & Real Time Communication Systems	Y	\$ 180,863	\$ 1,040,335	\$ 2,396,177	\$ 340,231	\$ 3,569,746	\$ 1,005,328	\$ 3,028,940	\$ 3,295,261
LED Change-Out Program	Y	\$ 1,367,942	\$ 676,578	\$ 411,488	\$ 263,248	\$ 299,964	\$ 299,964	\$ 299,964	\$ 399,996
Legal & Compliance Technology	Y	\$ 127,413	\$ 201,916	\$ 517,680	\$ 89,026	\$ 400,015	\$ 413,072	\$ 339,598	\$ 322,780
Little Falls Plant Upgrade	N	\$ 7,892,001	\$ 8,953,839	\$ 231,373	\$ 1,430,408	\$ -	\$ -	\$ -	\$ 1,450,889
Long Lake Plant Upgrade	N	\$ 3,488,539	\$ 733,802	\$ 211,786	\$ 1,274,252	\$ -	\$ -	\$ 19,541,000	\$ 1,330,925
Meter Minor Blanket	N	\$ 257,742	\$ 198,169	\$ 245,518	\$ 254,473	\$ -	\$ -	\$ -	\$ 249,996
Monroe Street Abandoned Penstock Stabilization	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 899,992	\$ -	\$ -
N Lewiston Autotransformer - Failed Plant	N	\$ -	\$ -	\$ -	\$ -	\$ 5,554,506	\$ -	\$ -	\$ -
Network Backbone	N	\$ -	\$ -	\$ -	\$ -	\$ 188,444	\$ 3,879,878	\$ 3,686,842	\$ -
New Revenue - Growth	Y	\$ 81,087,056	\$ 71,589,173	\$ 76,296,316	\$ 77,701,938	\$ 73,429,598	\$ 67,348,997	\$ 67,371,967	\$ 57,697,286
Nine Mile HED Battery Building	N	\$ -	\$ -	\$ -	\$ -	\$ 800,001	\$ -	\$ -	\$ -
Nine Mile Powerhouse Crane Rehab	N	\$ -	\$ -	\$ -	\$ -	\$ 1,699,988	\$ -	\$ -	\$ -
Nine Mile Units 3 & 4 Control Upgrade	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 1,999,999	\$ -
Noxon Rapids HVAC	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,250,002	\$ -
Oil Storage Improvements	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,762,827	\$ -	\$ -
Outage Management System & Advanced Distribution Management System	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000	\$ 15,000,000	\$ -
Payment Card Industry Compliance (PCI)	N	\$ -	\$ 617,112	\$ 847,201	\$ 597,249	\$ -	\$ -	\$ -	\$ -
Peaking Generation Business Case	Y	\$ 110,416	\$ 322,615	\$ 314,540	\$ 606,688	\$ 445,001	\$ 458,000	\$ 450,000	\$ 450,000
Post Falls Landing and Crane Pad Development	N	\$ -	\$ -	\$ -	\$ 3,292,267	\$ -	\$ -	\$ -	\$ 3,307,656
Post Falls North Channel Spillway Rehabilitation	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,499,999	\$ -
Primary URD Cable Replacement	N	\$ 637,472	\$ 813,805	\$ 164,230	\$ 35,655	\$ -	\$ -	\$ -	\$ -
Protection System Upgrade for PRC-002	N	\$ -	\$ 1,165,241	\$ 0	\$ 7,121,962	\$ 80,000	\$ 11,879,164	\$ -	\$ -
Regulating Hydro	Y	\$ 6,330,403	\$ 1,966,017	\$ 1,034,433	\$ 2,004,462	\$ 2,947,845	\$ 2,961,000	\$ 2,961,000	\$ 2,390,000
Saddle Mountain 230/115kV Station (New) Integration Project Phase 1	N	\$ 2,554,495	\$ 8,943,952	\$ 28,852,361	\$ 3,490,919	\$ -	\$ -	\$ -	\$ -
Saddle Mountain 230/115kV Station (New) Integration Project Phase 2	N	\$ -	\$ -	\$ 1,110,656	\$ 11,210,582	\$ 19,962,533	\$ -	\$ -	\$ 11,805,060
SCADA - SOO and BuCC	Y	\$ 528,722	\$ 508,435	\$ 1,822,149	\$ 1,523,098	\$ 1,026,882	\$ 736,223	\$ 699,972	\$ 1,351,728
Security Compliance <sup>[3]</sup>	Y	\$ -	\$ -	\$ -	\$ -	\$ 250,001	\$ 250,001	\$ 244,774	\$ -
Spokane River License Implementation	Y	\$ 415,863	\$ 435,911	\$ 1,308,813	\$ 746,294	\$ 629,226	\$ 535,000	\$ 492,301	\$ 1,659,840
Spokane Smart Circuit	N	\$ (2,909)	\$ -	\$ -	\$ 550,569	\$ -	\$ -	\$ -	\$ -
Spokane Valley Transmission Reinforcement Project	N	\$ -	\$ (110)	\$ -	\$ 13,683,430	\$ 2,000,000	\$ -	\$ -	\$ 13,525,820
Strategic Initiatives	N	\$ 1,056,725	\$ 775,452	\$ 10,417,329	\$ 6,265,315	\$ 2,522,399	\$ -	\$ -	\$ 2,000,000
Structures and Improvements/Furniture	Y	\$ 3,216,093	\$ 1,558,328	\$ 2,162,499	\$ 1,574,915	\$ 3,639,388	\$ 3,349,639	\$ 3,349,609	\$ 3,551,564
Substation - New Distribution Station Capacity Program	Y	\$ 642,886	\$ 3,768,440	\$ 8,043,164	\$ 2,321,014	\$ 5,765,300	\$ 11,076,449	\$ 12,701,549	\$ 860,732

**PC-DR-208 Attachment A**  
**System Transfers to Plant (TTP) by Business Case (including 2021 Budgeted TTP)**

Business Case	Reoccurring? <sup>[2]</sup>	Actual TTP				Forecasted TTP			2021 Budgeted TTP (System)
		2018 Actual TTP (System)	2019 Actual TTP (System)	2020 Actual TTP (System)	2021 Actual TTP (System)	2022 Forecasted TTP (System)	2023 Forecasted TTP (System)	2024 Forecasted TTP (System)	
Substation - Station Rebuilds Program	Y	\$ 17,850,286	\$ 14,313,860	\$ 11,413,390	\$ 4,672,935	\$ 12,998,326	\$ 58,412,186	\$ 41,493,604	\$ 6,639,082
Technology Failed Assets	Y	\$ 1,695	\$ 786,634	\$ 973,270	\$ 533,505	\$ 611,563	\$ 556,208	\$ 556,198	\$ 616,980
Technology Refresh to Sustain Business Process	N	\$ 8,687,848	\$ 3,713,767	\$ (2,616)	\$ 812,952	\$ -	\$ -	\$ -	\$ 562,670
Telematics 2025	N	\$ -	\$ -	\$ -	\$ 651,009	\$ 438,347	\$ 808,250	\$ -	\$ 1,100,000
Transmission - Minor Rebuild	Y	\$ 586,929	\$ 3,971,001	\$ 1,674,541	\$ 4,331,179	\$ 3,400,375	\$ 3,343,418	\$ 3,343,419	\$ 3,343,428
Transmission - Performance & Capacity <sup>[3]</sup>	Y	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,500,000	\$ -
Transmission Construction - Compliance	N	\$ 10,845,388	\$ 5,883,218	\$ 9,539,913	\$ 2,189,745	\$ 2,111,069	\$ 1,550,000	\$ -	\$ 2,100,825
Transmission Major Rebuild - Asset Condition	Y	\$ 7,760,684	\$ 314,005	\$ -	\$ 16,128,097	\$ 5,680,751	\$ 12,000,000	\$ 11,000,000	\$ 17,900,000
Transmission NERC Low-Risk Priority Lines Mitigation	N	\$ 774,519	\$ 744,660	\$ 5,027,589	\$ 327	\$ 2,554,255	\$ 2,499,984	\$ -	\$ 1,023,452
Tribal Permits & Settlements	Y	\$ 87,307	\$ 1,251,484	\$ -	\$ 43,395	\$ 259,776	\$ 249,996	\$ 249,996	\$ -
Upper Falls Trash Rake Replacement	N	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -
Use Permits	Y	\$ -	\$ -	\$ 126,396	\$ 203,901	\$ 150,012	\$ 150,012	\$ 150,012	\$ 50,004
Washington Advanced Metering Infrastructure Project	N	\$ 33,868,858	\$ 52,793,010	\$ 28,711,359	\$ 2,986,858	\$ -	\$ -	\$ -	\$ 6,815,471
Westside 230/115kV Station Brownfield Rebuild Project	N	\$ 9,559,989	\$ 650,861	\$ (634,812)	\$ 8,339,334	\$ -	\$ -	\$ 8,924,475	\$ -
Wildfire Resiliency Plan	Y	\$ -	\$ -	\$ 3,206,894	\$ 18,369,323	\$ 24,544,986	\$ 27,000,000	\$ 29,000,001	\$ 17,117,355
Wood Pole Management	Y	\$ 10,999,184	\$ 10,369,759	\$ 10,275,278	\$ 14,588,071	\$ 12,999,996	\$ 12,999,996	\$ 12,999,996	\$ 15,739,332
WSDOT Control Zone Mitigation	Y	\$ -	\$ -	\$ -	\$ 408,317	\$ 749,998	\$ 1,200,005	\$ 1,399,999	\$ 999,999
WSDOT Franchises	Y	\$ -	\$ -	\$ 2,531,162	\$ 505	\$ 99,996	\$ 99,996	\$ 99,996	\$ 237,084

[1] Customer Experience Platform Program includes "Strategic Initiatives" TTP in 2020 & 2021.

[2] For purposes of responding to this data request, the Company has defined reoccurring (programmatic in nature) as business cases that have transfers to plant occurring annually each year from 2021-2024, which is the period of TTP included in this case. In column B "Reoccurring?", "Y" = Yes, reoccurring/programmatic in nature and "N" = No, non-reoccurring (i.e. discreet).

[3] These business cases have started or ended within the period identified as reoccurring; however, for purposes of this data request, are reoccurring in nature.

Please note, the analysis above does not contain TTP information related to the Colstrip Units 3 & 4 business case. See Staff-DR-123 for more information.

**AVISTA CORP.  
RESPONSE TO REQUEST FOR INFORMATION**

JURISDICTION:	WASHINGTON	DATE PREPARED:	05/17/2022
CASE NO.:	UE-220053 & UG-220054	WITNESS:	Justin Baldwin-Bonney
REQUESTER:	Public Counsel	RESPONDER:	K. Schultz / T. Benjamin
TYPE:	Data Request	DEPT:	Regulatory Affairs
REQUEST NO.:	PC – 210	TELEPHONE:	(509) 495-2482
		EMAIL:	kaylene.schultz@avistacorp.com

**SUBJECT: Capital Additions 2021, TY1 and TY2**

**REQUEST:**

**RE: Capital Additions 2021, TY1 and TY2, Justin A. Baldwin-Bonney, Exh JBB-3 at 1–4.**

For each discreet project in the amount of \$1.0 million or greater in 2021, please provide the following information in Excel:

- a. The business case number.
- b. The name and brief description of the project.
- c. The start month and year of the project.
- d. The in-service date for the project.
- e. The actual amount spent in 2021 compared to the originally budgeted, estimated or forecasted cost of the project.
- f. Provide the variance amount and percentage between the 2021 actual and estimated amount.
- g. If the project spanned over multiple years, provide the cumulative actual project cost compared to the cumulative project estimated cost.
- h. Provide the variance amount and percentage between the cumulative and estimate amount.
- i. Explain any variance of 10 percent or greater in either the 2021 cost or the cumulative cost and provide the amount related to each reason for the variance.
- j. Provide the number of units, quantities, or other data supporting the actual capital additions and the estimated additions for both 2021 and for the cumulative additions.
- k. Provide a copy of the cost/benefit analysis in Excel with formulas intact, supporting data, and assumptions with clear explanations showing that this project was economically justified.

**RESPONSE:**

- a. The Company only assigns a name (not Business Case number) to a Business Case. Please refer to the business cases contained in: Exh. JRT-4, Exh. HLR-2, Exh. JMK-2, Exh. KEM-2, Exh. SJK-2, and Exh. DRH-4. Mr. Baldwin-Bonney's Exh. JBB-3 provides a listing of the Business Cases by name and includes a reference to the capital witness's testimony that sponsors the Business Case. Please also refer to Staff-DR-121 Attachment A for references, including page numbers, to the related testimony and Business Case exhibits by Business Case included in this case.
- b. As noted in part a. above, Mr. Baldwin-Bonney's Exh. JBB-3 provides a listing of the Business Cases by name and includes a reference to the capital witness's testimony that sponsors the Business Case. Staff-DR-121 Attachment A also provides a reference, including page numbers, to the related testimony and Business Case exhibits by Business Case included in this case. Both the Business Case and related testimony would provide a brief description of the capital investment.



- c. For the timeframe of the project, including the start date, please see the respective Business Case. Please refer to parts a. and b. above for where to locate the individual Business Cases. See also d.
- d. For when the Business Cases have or will be transferring to plant (in-service, used and useful serving customers), please refer to Staff-DR-122 Attachment A, tab “2021-2024 TT Detail” for transfers to plant (TTP) by month and year for the Business Cases included in this case. Please note, the Company bases its determination of rate base included in this case off TTP, rather than spend. The response to PC-DR-122 will be supplemented with updated forecasted 2022 transfers to plant as soon as available.
- e. Please see PC-DR-208 Attachment A for actual 2021 TTP and 2021 budgeted TTP on a system basis by Business Case.
- f. As noted in part e. above, PC-DR-208 Attachment A contains the actual 2021 TTP and 2021 Budgeted TTP on a system basis by Business Case. The variance and percentage can be derived by Public Counsel from these two columns (Column F & Column J).
- g. To the extent available, actual transfers to plant for the period January 1, 2018 through December 31, 2021 have been provided in PC-DR-208 Attachment A. For the cumulative estimated cost of the Business Case, please see the respective Business Case. Please refer to parts a. and b. above for where to locate the individual Business Cases.
- h. As noted in part g. above, calculating the variance amount and percentage between actual TTP on a system basis for the period 2018-2021 and the cumulative estimated cost of the Business Case can be derived by Public Counsel by looking at PC-DR-208 Attachment A and the Business Cases. Please refer to parts a. and b. above for where to locate the individual Business Cases.
- i. If more particular information on variances is requested for a specific Business Case or set of Business Cases among the list of Business Cases (134 Business Cases in total over the period 2021-2024) in PC-DR-208 Attachment A for 2021, please advise.
- j. Please refer to the Business Case for supporting documentation. Refer to parts a. and b. above for cross-references of the capital witness and where to locate the individual Business Cases for TTP occurring in years 2021-2024. For Business Cases that support capital additions for 2018-2020 (actual TTP that was deemed prudent and in-service, per Final Order 08 / 05), please see PC-DR-208 Attachments B-F that were previously provided in Dockets UE-200900, UG-200901 and UE-200894 (*consolidated*).
- k. To the extent available, please see the associated Business Case for a cost/benefit analysis that was prepared. For many Business Cases, it’s not a question of whether the Business Case needs to be done (it must be, for reliability, safety, mandatory/compliance, etc.), so a cost-benefit analysis may not have been performed or required. See individual Business Cases for need descriptions. Please refer to parts a. and b. above for where to locate the individual Business Cases.

**AVISTA CORP.**  
**RESPONSE TO REQUEST FOR INFORMATION**

JURISDICTION:	WASHINGTON	DATE PREPARED:	05/17/2022
CASE NO.:	UE-220053 & UG-220054	WITNESS:	Justin Baldwin-Bonney
REQUESTER:	Public Counsel	RESPONDER:	K. Schultz / T. Benjamin
TYPE:	Data Request	DEPT:	Regulatory Affairs
REQUEST NO.:	PC – 211	TELEPHONE:	(509) 495-2482
		EMAIL:	kaylene.schultz@avistacorp.com

**SUBJECT: Capital Additions 2021, TY1 and TY2**

**REQUEST:**

**RE: Capital Additions 2021, TY1 and TY2, Justin A. Baldwin-Bonney, Exh JBB-3 at 5–7.**

For each project or program that repeats annually in the amount of \$1.0 million or greater in 2022–2024, please provide the following information in Excel:

- a. Expand the schedules to include historical amounts spent in each year 2019 through 2021.
- b. Provide the average amount spent for the three years 2019–2021.
- c. Explain any increase of 10 percent or greater between each forecasted year and the 3-year average, and provide the amount related to each reason for the variance.
- d. Provide the basis for each annual forecasted amount.
- e. Provide the number of units, quantities, or other data supporting the capital additions for each year 2019 through 2024. Provide the basis for each annual forecast of units, quantities or other supporting data

**RESPONSE:**

- a. Please see PC-DR-208 Attachment A for transfers-to-plant (TTP) on a system basis by Business Case as contained in Exh. JBB-3 for the period of 2018-2024 (actuals for 2018-2021, forecasted for 2022-2024). The Colstrip 3 & 4 Capital Projects Business Case is not included in this analysis. Please see Staff-DR-123 for more information regarding Colstrip.
- b. The average of TTP for the three years 2019-2021 can be derived by Public Counsel from the data provided in PC-DR-208 Attachment A. Please note, the Company bases its determination of rate base included in this case off TTP (when the Business Case is or intended to be in-service and used and useful), rather than spend.
- c. As noted in part b above, calculating the variance on a dollar and percent basis between each forecasted year and the 3-year average of 2019-2021 on a system basis can be done by Public Counsel by using the data as provided in PC-DR-208 Attachment A. If more particular information on variances is requested for a specific Business Case or set of Business Cases among the list of Business Cases (134 Business Cases in total over the period 2021-2024) in PC-DR-208 Attachment A for the years provided, please advise.
- d. For an overview of the Company’s capital planning process – from the need/requirement for a capital investment through the approval of the capital (in aggregate) by the Company’s Board of Directors, please see Mr. Ehrbar’s direct testimony, Exh. PDE-1T, Section II. Capital Budgeting & Expenditures, beginning on page 2.

To the extent available, the basis for the capital investment, either on an annual or total cost basis, is typically included in the Business Case. Please note, the Business Case generally includes spend, and as mentioned in part b. above, the Company uses TTP as the basis for determining rate recovery.

Please see the associated Business Case located in one of the following: Exh. JRT-4, Exh. HLR-2, Exh. JMK-2, Exh. KEM-2, Exh. SJK-2, and Exh. DRH-4. Mr. Baldwin-Bonney's Exh. JBB-3 provides a listing of the Business Cases by name and includes a reference to the capital witness's testimony that sponsors the Business Case. Please also refer to Staff-DR-121 Attachment A for references, including page numbers, to the related testimony and Business Case exhibits by Business Case included in this case.

- e. Please refer to the Business Case for supporting documentation. Refer to part d. above for cross-references of the capital witness and where to locate the individual Business Cases for TTP occurring in years 2021-2024. For Business Cases that support capital additions for 2018-2020 (actual TTP that was deemed prudent and in-service, per Final Order 08 / 05), please see PC-DR-208 Attachments B-F that were previously provided in Dockets UE-200900, UG-200901 and UE-200894 (*consolidated*).

**AVISTA CORP.  
RESPONSE TO REQUEST FOR INFORMATION**

JURISDICTION:	WASHINGTON	DATE PREPARED:	05/17/2022
CASE NO.:	UE-220053 & UG-220054	WITNESS:	Justin Baldwin-Bonney
REQUESTER:	Public Counsel	RESPONDER:	K. Schultz / T. Benjamin
TYPE:	Data Request	DEPT:	Regulatory Affairs
REQUEST NO.:	PC – 212	TELEPHONE:	(509) 495-2482
		EMAIL:	kaylene.schultz@avistacorp.com

**SUBJECT: Capital Additions 2021, TY1 and TY2**

**REQUEST:**

**RE: Capital Additions 2021, TY1 and TY2, Justin A. Baldwin-Bonney, Exh JBB-3 at 5–7.**

For each discreet project in the amount of \$1.0 million or greater in 2022 through 2024, please provide the following information in Excel:

- a. The business case number.
- b. The name and brief description of the project.
- c. The start month and year of the project.
- d. The in-service date for the project.
- e. The total project cost by year from inception to completion.
- f. The start and end date of each phase of the project, and identify in which phase the project is currently in.
- g. The cost to be incurred in each phase. Please provide both the capital additions and the O&M cost, separately.
- h. Provide the timeframe between completion of the design drawings, the receipt of competitive bids from contractors and vendors, and the start of construction. For IS/IT projects replace design drawings with identification of detailed system requirements.
- i. Provide the number of units, quantities, or other data supporting the forecasted capital additions for each year.
- j. Provide a copy of the cost/benefit analysis in Excel with formulas intact, supporting data, and assumptions with clear explanations showing that this project was economically justified.

**RESPONSE:**

- a. The Company only assigns a name (not Business Case number) to a Business Case. Please refer to the business cases contained in: Exh. JRT-4, Exh. HLR-2, Exh. JMK-2, Exh. KEM-2, Exh. SJK-2, and Exh. DRH-4. Mr. Baldwin-Bonney's Exh. JBB-3 provides a listing of the Business Cases by name and includes a reference to the capital witness's testimony that sponsors the Business Case. Please also refer to Staff-DR-121 Attachment A for references, including page numbers, to the related testimony and Business Case exhibits by Business Case included in this case.
- b. As noted in part a. above, Mr. Baldwin-Bonney's Exh. JBB-3 provides a listing of the Business Cases by name and includes a reference to the capital witness's testimony that sponsors the Business Case. Staff-DR-121 Attachment A also provides a reference, including page numbers, to the related testimony and Business Case exhibits by Business Case included in this case. Both the Business Case and related testimony would provide a brief description of the capital investment.

- c. For the timeframe of the project, including the start date, please see the respective Business Case. Please refer to parts a. and b. above for where to locate the individual Business Cases. See also part d.
- d. For when the Business Cases have or will be transferring to plant (in-service, used and useful serving customers), please refer to Staff-DR-122 Attachment A, tab “2021-2024 TT Detail” for transfers to plant (TTP) by month and year for the Business Cases included in this case. Please note, the Company bases its determination of rate base included in this case off TTP, rather than spend. The response to PC-DR-122 will be supplemented with updated forecasted 2022 transfers to plant as soon as available.
- e. Understanding that capital projects naturally evolve in scope over time, please see the Business Case for the current total estimated project cost (typically denoted in spend). There may be differences between the amounts referenced in the Business Case and the amounts included in the Company’s case due to one being spend and the other being TTP. Refer to parts a. and b. above for where to locate the individual Business Cases.

Actual TTP, on a system basis, for calendar years 2018-2021 have been provided in PC-DR-208 Attachment A.

Forecasted provisional TTP for calendar years 2022-2024 can be found in Mr. Baldwin-Bonney’s capital additions workpapers related to Adjustments 4.01, 4.02, and 5.08. As noted in part d. above, the Company intends to supplement PC-DR-122 with updated forecasted 2022 transfers to plant, as it becomes available. Please refer to PC-DR-122 Supplemental (once available).

Please note, as discussed by Ms. Andrews in her testimony, Exh. EMA-1T, provisional TTP for calendar years 2022-2024 are subject to review. Annually, parties will review actual TTP for the prior calendar year, for final prudence, and verification of in-service, and used and useful plant investment. The revenue requirement associated with overall net plant investment not deemed prudent or meeting the levels of rate base approved by this Commission would be subject to refund based on the proposed reporting and review process as proposed by Ms. Andrews if approved by the Commission.
- f. To the extent available, information on phases for a capital investment can sometimes be included in the Business Case. Generally, the Company does not forecast TTP by phase within the Business Case. As stated in part e. above and discussed by Ms. Andrews in her testimony, Exh. EMA-1T, provisional TTP for calendar years 2022-2024 will be subject to later review. Annually, parties will review actual TTP for the prior calendar year, for final prudence, and verification of in-service, and used and useful plant investment. The revenue requirement associated with overall net plant investment not deemed prudent or meeting the levels of rate base approved by this Commission would be subject to refund based on the proposed reporting and review process as proposed by Ms. Andrews if approved by the Commission.
- g. Similar to part f. above, to the extent available, information on phases for a capital investment can sometimes be included in the Business Case. Generally, the Company tracks Business Cases at the overall TTP level (not by phases).
- h. Business Cases are tracked at the overall TTP level. The Company did not prepare or segment Business Cases by these components (i.e. completion of design drawings/identification of detailed system requirements, receipt of competitive bids from contractors and vendors, start of construction, etc.). Given the voluminous nature of this request, the Company is providing examples that illustrate the timeframe between components for certain projects as follows:

<b>Business Case Name</b>	<b>PC-DR-212 Attachment Reference</b>
Long Lake Plant Upgrade	PC-DR-212 Attachment A
Protection System Upgrade for PRC-002	PC-DR-212 Attachment B (PRC-002 Phases)
Saddle Mountain 230/115kV Station (New) Integration Project Phase 2	PC-DR-212 Attachment C (Saddle Mtn Phases)
Westside 230/115kV Station Brownfield Rebuild Project	PC-DR-212 Attachment D (Westside Phases)

If there are other particular examples where you would like to see this kind of information, if available, please advise.

- i. Please refer to the Business Case and related testimony for supporting information on the forecasted capital additions for calendar years 2022-2024 included in this case. Please refer to parts a. and b. above for where to locate the individual Business Cases, as well as the related capital witness testimony for each Business Case.
- j. To the extent available, please see the associated Business Case for a cost/benefit analysis that was prepared. For many Business Cases, it's not a question of whether the Business Case needs to be done (it must be, for reliability, safety, mandatory/compliance, etc.), so a cost-benefit analysis may not have been performed or required. See individual Business Cases for need descriptions. Please refer to parts a. and b. above for where to locate the individual Business Cases.

**ATTACHMENT A TO AVISTA'S RESPONSE TO PUBLIC  
COUNSEL'S DATA REQUEST NO. 212**

## PC-DR-212 Attachment A

## Long Lake Plant Upgrade

	<b>Project Status</b>	<b>Project Start Date (Actual/Planned)</b>	<b>Project Close Date (Actual/Planned)</b>	<b>Component Budget (Actual/Planned)</b>	<b>Design 100% Deliverable</b>	<b>Bid Date</b>	<b>Planned Construction Start</b>	<b>Notes</b>
LL HED Station Service Upgrade "2"	Design	Mar. 2017	Q3 2025	\$ 4,462,566	Feb 2023	Sep 2022	Aug 2023	
LL Bridge Crane Upgrade	Completed/Closed	April. 2017	Dec 2019	\$ 2,354,027				
LL HED - Access Road Repaving	Completed/Closed	Jan. 2018	July 2019	\$ 1,128,036				
LL HED - Sewer System Upgrade	Completed/Closed	Jan. 2018	Feb 2019	\$ 207,855				
LL Unit Modernization - Unit 3	Design	Jan. 2019	Q3 2025	\$ 21,418,000	June 2023	May 2021	Aug 2023	
LL Facilities Upgrade - Phase 1	Completed/Closed	June. 2019	July 2020	\$ 557,641				
Long Lake HED Fac Upgrade - "Phase 2"	Completed/Closed	July. 2019	Dec 2020	\$ 181,797				
LL HED Unit Tailrace Bulkhead	Completed/Closed	April. 2020	Mar 2022	\$ 1,291,377	May 2021		July 2021	
Unit 75480 - LL Forklift	Completed/Closed	Oct. 2020	Dec 2020	\$ 124,752				
LL Unit Modernization - Unit 4	Not Started	Q2 2023	Q2 2027	\$ 13,350,000		May 2021		
LL Unit Modernization - Unit 2	Not Started	Q1 2025	Q2 2028	\$ 12,625,000		May 2021		
LL Unit Modernization - Unit 1	Not Started	Q1 2026	Q2 2029	\$ 11,500,000		May 2021		
Station Service 1	Not Started	Q1 2025	Q2 2028	\$ 2,400,000		Sep 2026		
LL 6.9 kV Substation	Bid	Mar 2022	Q3 2025	\$ 8,000,000	Aug 2023	Apr 2022, Oct 2023	Mar 2024	
LL 6.9 kV Substation GSU2	Bid	Mar 2022	Q3 2027	\$ 4,000,000	Aug 2023	Apr 2022	Mar 2027	
LL 6.9 kV Substation Spare GSU	Bid	Mar 2022	Q4 2024	\$ 2,500,000	Aug 2023	Apr 2022	N/A	
Balance of Plant	Not Started	Q1 2024	Q2 2027					



**ATTACHMENT B TO AVISTA'S RESPONSE TO PUBLIC  
COUNSEL'S DATA REQUEST NO. 212**

**PC-DR-212 Attachment B**

Protection System Upgrade for PRC-002

<b>Project Location / Project Name</b>	<b>Years Active</b>
<b>Beacon Sub</b>	
BEA PRC-002 Relay Repl.	2019-2022 (Project Open)
Beacon 230kV Breaker Purch	2022 (Project Open)
<b>Cabinet Gorge Switchyard</b>	
CGS - PRC-002	2019-2022 (Project In Service)
<b>North Lewiston Sub</b>	
NLW - Tucannon RAS	2021-2022 (Project In Service)
NLW PRC002 Line Relay Upgrades	2018-2021
NLW PRC002 Line Relay Upgrade	2018-2021
<b>Rathdrum Sub</b>	
Blue Creek Sub Comms Install	2021-2022 (Project Open)
RAT PRC-002 Relay Repl	2019-2022 (Project Open)
RAT PRC-002 Relay Repl..	2021-2022 (Project In Service)
Rathdrum115kV BreakerPurchase	2020-2022 (Project Open)
<b>Shawnee Sub</b>	
Shawnee PRC-002 Relay Repl.	2018-2019
Shawnee PRC-002 Relay Repl.C	2018-2019
Terra view - POTT Fiber	2018-2019

**ATTACHMENT C TO AVISTA'S RESPONSE TO PUBLIC  
COUNSEL'S DATA REQUEST NO. 212**

**PC-DR-212 Attachment C**Saddle Mountain 230/115kV Station (New) Integration Project Phase 2

Site grading & Fencing drawings	Issued 7/24/2020 for Permitting, Revised & Issued 9/24/20 for construction	Site Grading started 10/19/20 - complete Fence Install started 1/3/21 - complete
Control Enclosure drawings	Issued 2/19/21 for construction	Control enclosure started 4/5/21 - complete
Physical drawings	Issued 6/24/21 for construction	Physical work started 7/26/21 – in progress
Electrical drawings	Issued 12/14/21 for construction	Electrical work started 1/3/22 – in progress

**ATTACHMENT D TO AVISTA'S RESPONSE TO PUBLIC  
COUNSEL'S DATA REQUEST NO. 212**

**PC-DR-212 Attachment D**

Westside 230/115kV Station Brownfield Rebuild Project

<b>Project Type / Project Name</b>	<b>Years Active</b>
<b>IT / Communications Integration</b>	
IT Sub West 230kV Sub Rebuild	2016-2018
<b>Rental UTV Purchase</b>	
WES - UTV Purchase	2021
<b>Station Equipment Purchase</b>	
Westside 115kV Breaker purch.	2022 (Project Open)
Westside 230kV Breaker purch	2021
<b>Station Property Purchase</b>	
Waikiki Land Purchase	2020
Westside 230kV Property	2013
WES-Upgrade Access Road	2015-2016
<b>Station Rebuild - Phase 1</b>	
Westside Sub-Rebuild Ph 1 COM	2016-2018
Westside Sub-Rebuild Ph 1 TRN	2011-2019
<b>Station Rebuild - Phase 2</b>	
Westside Rebuild Phase 2 230kV	2017-2021
Westside Rebuild Phase 2 Auto	2017-2022
Westside Rebuild Phase 2 Labor	2017-2020
Westside Rebuild Phase 2 Lines	2017-2022 (Project In Service)
Westside Rebuild Phase2 Sunset	2017-2019
<b>Station Rebuild - Phase 3</b>	
Westside Rebuild Phase 3	2020-2022 (Project Open)
<b>Transmission Integration</b>	
BEL-WES-COU 230: Westside Int.	2018-2021
Westside Sub 115kV Tx Int	2020-2021
Westside Sub Tx Integration	2017-2019
Westside Sub Tx Integration 21	2021-2022 (Project In Service)