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**BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION**

IN THE MATTER OF THE APPLICATION	)	CASE NO. AVU-E-21-01
OF AVISTA CORPORATION FOR THE	)	CASE NO. AVU-G-21-01
AUTHORITY TO INCREASE ITS RATES	)	
AND CHARGES FOR ELECTRIC AND	)	EXHIBIT NO. 15
NATURAL GAS SERVICE TO ELECTRIC	)	
AND NATURAL GAS CUSTOMERS IN THE	)	KAYLENE J. SCHULTZ
STATE OF IDAHO	)	
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FOR AVISTA CORPORATION

(ELECTRIC AND NATURAL GAS)

**Avista Capital Additions Detail (System)  
January 1, 2020 - August 31, 2023 Transfers-to-Plant**

<b>Generation Capital Projects (System) In \$(000's)</b>				
<b>Business Case Name</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023<sup>(1)</sup></b>
<b>Mandatory and Compliance</b>				
Cabinet Gorge Dam Fishway	\$ 122	-	\$ 63,203	-
Clark Fork Settlement Agreement	1,041	6,471	6,073	2,978
Spokane River License Implementation	935	1,660	587	373
Hydro Safety Minor Blanket	-	50	50	33
Long Lake Stability Enhancement	-	3,249	-	-
KF_Ash Landfill Expansion	-	-	499	-
<b>Failed Plant and Operations</b>				
Base Load Thermal Program	2,178	2,764	2,899	1,610
CS2 Single Phase Transformer	2,849	18,801	-	-
Nine Mile Rehabilitation	(24)	63	-	-
Peaking Generation Business Case	299	450	450	113
<b>Asset Condition</b>				
Base Load Hydro	652	1,025	1,195	683
Cabinet Gorge 15 kV Bus Replacement	964	-	-	-
Cabinet Gorge Automation	4,062	3	-	-
Cabinet Gorge Gantry Crane Replacement <sup>(2)</sup>	(1,003)	-	-	-
Colstrip 3&4 Capital Projects	7,089	8,106	3,410	3,745
Generation DC Supplied System Update	209	250	233	150
Little Falls Plant Upgrade	474	1,451	-	-
Long Lake Plant Upgrade	87	1,331	-	-
Regulating Hydro	1,373	2,390	2,160	666
Cabinet Gorge Unit 3 Protection & Control Upgrade	-	2,818	-	-
Cabinet Gorge Unit 4 Protection & Control Upgrade	-	2,832	-	-
Post Falls Landing and Crane Pad Development	-	3,308	-	-
HMI Control Software	-	2,200	1,500	1,000
Generation Masonry Building Rehabilitation	-	-	700	700
KF_Fuel Yard Equipment Replacement	-	-	23,240	-
<b>Customer Service Quality and Reliability</b>				
Automation Replacement	405	419	300	-
<b>Misc. accrual reversals, corrections or additional TTP</b>				
	(92)	-	-	-
<b>Total Planned Generation Capital Projects</b>	<b>\$ 21,619</b>	<b>\$ 59,640</b>	<b>\$ 106,500</b>	<b>\$ 12,051</b>

<b>Energy Imbalance Market Capital Projects (System) In \$(000's)</b>				
<b>Business Case Name</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023<sup>(1)</sup></b>
<b>Performance &amp; Capacity</b>				
Energy Imbalance Market	\$ 3,634	\$ 11,577	\$ 11,767	-
	<b>\$ 3,634</b>	<b>\$ 11,577</b>	<b>\$ 11,767</b>	<b>-</b>

(1) Includes system pro forma capital for the period of January 1, 2023 through August 31, 2023.

(2) Accounting correction made in September 2020. See Company witness Ms. Schultz direct testimony.

**Avista Capital Additions Detail (System)  
January 1, 2020 - August 31, 2023 Transfers-to-Plant**

<b>Electric Distribution Capital Projects (System) In \$(000's)</b>				
<b>Business Case Name</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023<sup>(1)</sup></b>
<b>Mandatory and Compliance</b>				
Elec Relocation and Replacement Program	\$ 2,915	\$ 2,751	\$ 3,638	\$ 1,760
Joint Use	2,682	2,750	2,750	1,462
Saddle Mountain 230/115kV Station (New) Integration Project Phase 2	-	806	-	-
<b>Failed Plant and Operations</b>				
Electric Storm	5,169	2,145	2,118	1,412
Meter Minor Blanket	200	250	250	167
<b>Asset Condition</b>				
Distribution Grid Modernization	7,374	-	-	-
Distribution Minor Rebuild	11,315	10,046	10,300	6,578
Distribution Transformer Change Out Program	316	400	-	-
LED Change-Out Program	400	400	400	267
Primary URD Cable Replacement	86	-	-	-
Substation - Station Rebuilds Program	9,945	1,182	28,468	667
Wood Pole Management	10,275	15,739	16,000	10,667
<b>Customer Service Quality and Reliability</b>				
Wildfire Resiliency Plan	3,033	13,317	21,330	17,053
<b>Performance and Capacity</b>				
Distribution System Enhancements	6,922	6,000	7,000	2,668
<b>Misc. accrual reversals, corrections or additional TTP</b>				
	13	-	-	-
<b>Total Planned Electric Distribution Capital Projects<sup>(2)</sup></b>	<b>\$ 60,646</b>	<b>\$ 55,787</b>	<b>\$ 92,254</b>	<b>\$ 42,700</b>

<b>Electric Transmission Capital Projects (System) In \$(000's)</b>				
<b>Business Case Name</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023<sup>(1)</sup></b>
<b>Customer Requested</b>				
Rattlesnake Flat Wind Farm Project 115kV Integration Project	\$ 9,480	-	-	-
<b>Mandatory and Compliance</b>				
Clearwater Wind Generation Interconnection	28	460	-	-
Colstrip Transmission	520	724	360	226
Protection System Upgrade for PRC-002	2,231	-	10,030	-
Saddle Mountain 230/115kV Station (New) Integration Project Phase 1	28,639	-	-	-
Transmission Construction - Compliance	9,502	2,101	2,262	1,544
Transmission NERC Low-Risk Priority Lines Mitigation	4,817	1,023	2,900	-
Tribal Permits & Settlements	124	-	-	-
Use Permits	27	50	50	33
West Plains New 230kV Substation	31	-	8,650	-
Westside 230/115kV Station Brownfield Rebuild Project	2,746	-	11,110	-
Saddle Mountain 230/115kV Station (New) Integration Project Phase 2	-	10,999	17,295	-
Spokane Valley Transmission Reinforcement Project	-	13,526	-	-
<b>Failed Plant and Operations</b>				
Electric Storm	8,803	1,278	1,082	721
<b>Asset Condition</b>				
SCADA - SOO and BuCC	2,003	1,352	897	159
Substation - Station Rebuilds Program	4,180	5,457	7,221	4,814
Transmission - Minor Rebuild	2,534	3,343	3,630	2,192
Transmission Major Rebuild - Asset Condition	-	17,900	9,750	9,800
<b>Customer Service Quality and Reliability</b>				
Wildfire Resiliency Plan	477	3,800	5,800	313
<b>Performance and Capacity</b>				
Substation - New Distribution Station Capacity Program	7,937	861	7,200	-
<b>Misc. accrual reversals, corrections or additional TTP</b>				
	(146)	-	-	-
<b>Total Planned Electric Transmission Capital Projects</b>	<b>\$ 83,932</b>	<b>\$ 62,874</b>	<b>\$ 88,236</b>	<b>\$ 19,802</b>

(1) Includes system pro forma capital for the period of January 1, 2023 through August 31, 2023.

(2) Totals exclude Washington and Oregon direct business cases from revenue requirement in this case

**Avista Capital Additions Detail (System)  
January 1, 2020 - August 31, 2023 Transfers-to-Plant**

<b>Natural Gas Distribution Capital Projects (System) In \$(000's)</b>				
<b>Business Case Name</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023<sup>(1)</sup></b>
<b>Mandatory and Compliance</b>				
Gas Cathodic Protection Program	\$ 678	\$ 801	\$ 715	\$ 484
Gas Facility Replacement Program (GFRP) Aldyl A Pipe Replacement	20,708	22,832	23,357	15,319
Gas Isolated Steel Replacement Program	1,058	1,400	850	503
Gas Overbuilt Pipe Replacement Program	215	460	420	236
Gas PMC Program	1,710	2,950	1,500	1,033
Gas Replacement Street and Highway Program	2,641	3,418	3,500	2,333
Gas HP Pipeline Remediation Program	-	700	-	-
<b>Failed Plant and Operations</b>				
Gas Non-Revenue Program	8,203	8,000	8,000	5,320
<b>Asset Condition</b>				
Gas Regulator Station Replacement Program	1,004	1,462	1,000	750
<b>Performance and Capacity</b>				
Gas Rathdrum Prairie HP Main Reinforcement	72	-	-	-
Gas Reinforcement Program	1,313	1,300	1,300	783
Gas Telemetry Program	253	174	181	138
Jackson Prairie Joint Project	2,205	2,377	2,378	1,580
<b>Total Planned Natural Gas Distribution Capital Projects<sup>(2)</sup></b>	<b>\$ 40,062</b>	<b>\$ 45,873</b>	<b>\$ 43,200</b>	<b>\$ 28,478</b>

<b>General Plant &amp; Fleet Investment Capital Projects (System) In \$(000's)</b>				
<b>Business Case Name</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023<sup>(1)</sup></b>
<b>Mandatory and Compliance</b>				
Apprentice/Craft Training	\$ 69	\$ 62	\$ 65	\$ 14
<b>Asset Condition</b>				
Capital Tools & Stores	1,737	2,754	2,500	1,665
Fleet Services Capital Plan	6,814	6,873	5,893	4,148
Structures and Improvements/Furniture	2,258	3,552	3,001	2,000
Telematics 2025	-	1,100	338	-
Oil Storage Improvements	-	-	1,500	-
<b>Performance and Capacity</b>				
Campus Repurposing Phase 2	2,746	-	-	-
Gas Operator Qualification Compliance	65	65	120	5
Strategic Initiatives	5,441	2,000	-	-
<b>Misc. accrual reversals, corrections or additional TTP</b>	<b>(7)</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Planned General Plant and Fleet Investment Capital Projects<sup>(2)</sup></b>	<b>\$ 19,123</b>	<b>\$ 16,405</b>	<b>\$ 13,417</b>	<b>\$ 7,832</b>

<b>Customer at the Center Capital Projects (System) In \$(000's)</b>				
<b>Business Case Name</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023<sup>(1)</sup></b>
<b>Customer Service Quality and Reliability</b>				
Customer Facing Technology Program	\$ 15,601	\$ 5,253	\$ 7,475	\$ 2,063
Customer Transactional Systems	1,843	3,741	2,755	1,371
Strategic Initiatives	5,164	-	-	-
Customer Experience Platform Program	-	4,339	7,434	-
<b>Total Customer at the Center Capital Projects</b>	<b>\$ 22,608</b>	<b>\$ 13,333</b>	<b>\$ 17,664</b>	<b>\$ 3,434</b>

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(2) Totals exclude Washington and Oregon direct business cases from revenue requirement in this case

**Avista Capital Additions Detail (System)  
January 1, 2020 - August 31, 2023 Transfers-to-Plant**

<b>Enterprise Technology Capital Projects (System) In \$(000's)</b>				
<b>Business Case Name</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023<sup>(1)</sup></b>
<b>Mandatory and Compliance</b>				
CIP v5 Transition - Cyber Asset Electronic Access	\$ 446	-	-	-
High Voltage Protection (HVP) Refresh	256	358	192	191
Payment Card Industry Compliance (PCI)	1,211	-	-	-
NERC CIP Compliance	-	99	250	-
<b>Failed Plant and Operations</b>				
Technology Failed Assets	983	617	555	-
<b>Asset Condition</b>				
Atlas	2,352	2,131	3,125	2,234
Energy Delivery Modernization	486	-	-	-
Technology Refresh to Sustain Business Process	(2)	563	-	-
Outage Management System & Advanced Distribution Management System	-	-	4,984	-
<b>Customer Service Quality and Reliability</b>				
Enterprise Security	5,331	1,249	749	-
Facilities and Storage Location Security	415	246	171	461
Generation, Substation & Gas Location Security	253	483	260	123
Telecommunication & Network Distribution location Security	-	63	-	125
Enterprise Business Continuity	-	302	100	12
<b>Performance and Capacity</b>				
Basic Workplace Technology Delivery	1,139	440	440	296
Data Center Compute and Storage Systems	2,192	496	1,924	1,981
Digital Grid Network	1,985	1,404	3,573	936
Endpoint Compute and Productivity Systems	5,492	2,878	3,979	621
Energy Delivery Operational Efficiency & Shared Services	3,348	389	-	-
Energy Resources Modernization & Operational Efficiency	1,843	939	2,888	103
Enterprise & Control Network Infrastructure	6,432	6,966	5,595	852
Enterprise Communication Systems	2,851	1,757	1,358	535
Enterprise Data Science	1,314	-	-	-
Environmental Control & Monitoring Systems	869	1,089	900	664
ET Modernization & Operational Efficiency - Technology	2,216	1,869	1,681	1,092
Facilities Driven Technology Improvements	149	-	147	73
Fiber Network Lease Service Replacement	1,002	2,054	1,881	319
Financial & Accounting Technology	361	3,514	1,753	1,217
Human Resources Technology	874	700	830	203
Land Mobile Radio & Real Time Communication Systems	1,927	3,295	2,070	3,109
Legal & Compliance Technology	509	323	267	-
Energy Delivery Modernization & Operational Efficiency	-	5,463	3,290	1,498
<b>Total Planned Enterprise Technology Capital Projects</b>	<b>\$ 46,236</b>	<b>\$ 39,687</b>	<b>\$ 42,959</b>	<b>\$ 16,645</b>

<b>Total Pro Forma Capital Additions (System)</b>	<b>\$ 297,858</b>	<b>\$ 305,175</b>	<b>\$ 415,996</b>	<b>\$ 130,942</b>
<b>Remaining Capital Additions Not Included In Case (AMI, New Revenue-Growth, Washington and Oregon Specific, etc.)</b>	<b>\$ 112,733</b>	<b>\$ 80,016</b>	<b>\$ 68,508</b>	<b>\$ 58,590</b>
<b>Total Planned Capital Additions (System)</b>	<b>\$ 410,591</b>	<b>\$ 385,191</b>	<b>\$ 484,504</b>	<b>\$ 189,532</b>

(1) Includes system pro forma capital for the period of January 1, 2023 through August 31, 2023.