

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

DOCKET NO. UE-17 \_\_\_\_\_

DOCKET NO. UG-17 \_\_\_\_\_

EXH. KKS-2

KAREN K. SCHUH

REPRESENTING AVISTA CORPORATION

**Avista 2017 Capital Additions Detail (System)**  
**(Calendar Year Transfers to Plant)**

<b>Traditional Pro Forma Study Projects:</b>	<b>\$ (000's)</b>
<b>Asset Condition</b>	
Little Falls Plant Upgrade	\$ 10,481
Technology Refresh to Sustain Business Process	21,191
Substation - Station Rebuilds	17,524
Distribution Grid Modernization	15,051
Distribution Wood Pole Management	9,000
<b>Performance and Capacity</b>	
New Downtown Netwk Bldg	6,559
COF Long-Term Restructuring Plan 2	13,695
Technology Expansion to Enable Business Process	13,941
<b>Failed Plant and Operations</b>	
Gas Non-Revenue Program	6,096
<b>Mandatory and Compliance</b>	
Gas Facilities Replacement Program (Aldyl A)	21,764
Gas Replacement Street and Highway Program	3,319
	<b>\$ 138,621</b>
<b>End of Period Rate Base Study and Rate Year Projects:</b>	
<b>Generation / Production (SKJ-1T)</b>	
<b>Asset Condition:</b>	
Automation Replacement	\$ 500
Cabinet Gorge Automation Replacement	330
Cabinet Gorge Unit 1 Refurbishment	4
Generation DC Supplied System Upgrade	1,220
Kettle Falls Stator Rewind	6,316
Long Lake Plant Upgrades	78
Nine Mile Rehab	9,526
Noxon Station Service	2,503
Peaking Generation	500
Post Falls Redevelopment	1
Purchase Certified Rebuilt Cat D10R Dozer	814
Replace Cabinet Gorge Gantry Crane	74
<b>Failed Plant and Operations:</b>	
Base Load Hydro	1,401
Base Load Thermal Plant	2,494
Regulating Hydro	6,131
<b>Mandatory and Compliance</b>	
Colstrip Thermal Capital	9,500
Clark Fork Settlement Agreement	7,394
Hydro Safety Minor Blanket	350
Kettle Falls RO System	4,510
Spokane River License Implementation	2,007
	<b>\$ 55,654</b>
<b>General (HLR-1T):</b>	
<b>Asset Condition</b>	
COF Long-Term Restructuring Plan	\$ 2,064
Dollar Rd Service Center Addition and Remodel	\$ 321
Noxon & Clark Fork Living Facilities	1,411
Structures and Improvements/Furniture	3,294
<b>Failed Plant and Operations</b>	
Capital Tools & Stores Equipment	2,712
<b>Performance and Capacity</b>	
Apprentice Training	60
CNG Fleet Conversion	52
Company Aircraft Capital	296
Ergonomic Equipment	616
New Airport Hangar	1,500
New Deer Park Service Center	6
	<b>\$ 12,331</b>
<b>Natural Gas Distribution (HLR-1T):</b>	
<b>Asset Condition</b>	
Gas Deteriorated Steel Pipe Replacement Program	\$ 1,001
Gas ERT Replacement Program	240
Gas Regulator Stn Replacement Program	1,376
<b>Customer Requested</b>	
New Revenue - Growth	23,099
<b>Mandatory and Compliance</b>	
Gas Cathodic Protection Program	900
Gas HP Pipeline Remediation Program	5,275
Gas Isolated Steel Replacement Program	2,050
Gas N-S Corridor Greene St HP Main Project	113
Gas Overbuilt Pipe Replacement Program	500
Gas PMC Program	1,200
<b>Performance and Capacity</b>	
Gas N Spokane Hwy 2 HP Main Reinforcement Project	342
Gas Reinforcement Program	1,000
Gas Telemetry Program	209
	<b>\$ 37,305</b>

**Avista 2017 Capital Additions Detail (System)**  
**(Calendar Year Transfers to Plant)**

		<u>\$ (000's)</u>	
<b>Other Plant (HLR-IT):</b>			
<b>Mandatory and Compliance</b>			
Jackson Prairie Storage			\$ 1,718
<b>Asset Condition</b>			
Fleet Budget			\$ 7,898
			<u>\$ 9,616</u>
<b>Enterprise Technology (JMK-IT):</b>			
<b>Asset Condition</b>			
Microwave Refresh			\$ 5,322
Project Atlas			6,563
<b>Customer Service Quality and Reliability</b>			
AvistaUtilities.com Redesign			9,093
Customer Facing Technology			1,830
<b>Mandatory and Compliance</b>			
High Voltage Protection for Substations			937
Next Generation Radio Refresh			102
<b>Performance and Capacity</b>			
Enterprise Business Continuity Plan			665
Enterprise Security			3,816
			<u>\$ 28,329</u>
<b>Total</b>			
<b>Transmission &amp; Distribution</b>			
<b>Electric Transmission / Distribution (HLR-IT):</b>	<b>Transmission</b>	<b>Distribution</b>	<b>Distribution</b>
<b>Asset Condition</b>			
SCADA - SOO & BUCC	\$ 1,270		\$ 1,270
Transmission Minor Rebuild	5,132		5,132
Transmission Major Rebuild - Asset Condition	9,536		9,536
Distribution Transformer Change-Out Program		3,000	3,000
Primary URD Cable Replacement		503	503
<b>Customer Requested</b>			
Growth - Hallet and White	1,458		1,458
New Revenue - Growth		23,775	23,775
<b>Failed Plant and Operations</b>			
Electric Storms	3,183		3,183
Distribution Minor Rebuild		9,105	9,105
Meter Minor Blanket		505	505
Spokane Electric Network		2,605	2,605
<b>Mandatory and Compliance</b>			
Colstrip Transmission	325		325
Environmental Compliance	72	350	422
Garden Springs 230/115kV Station Integration	56		56
Noxon Switchyard Rebuild	2,504		2,504
S Region Voltage Control	5,733		5,733
Spokane Valley Transmission Reinforcement	374		374
Transmission - NERC Low Priority Mitigation	2,014		2,014
Transmission - NERC Medium Priority Mitigation	2,000		2,000
Transmission Construction - Compliance	15,309		15,309
Tribal Permits and Settlements	621		621
Westside 230/115kV Station Rebuild	5,566		5,566
Elec Replacement/Relocation		2,600	2,600
Franchising for WSDOT		1,594	1,594
<b>Performance and Capacity</b>			
Substation - Capital Spares	4,204		4,204
Substation - New Distribution Stations	2,424		2,424
LED Change Out Program		2,900	2,900
Segment Reconductor and FDR Tie Program		6,587	6,587
	<u>\$ 61,779</u>	<u>\$ 53,824</u>	<u>\$ 115,303</u>
<b>Total Capital</b>			<u>\$ 397,158</u>
<b>Total Idaho Direct Capital Additions 2017</b>			<u>\$ 4,426</u>
<b>Total Oregon Direct Capital Additions 2017</b>			<u>\$ 3,901</u>
<b>Total Capital Additions in 2017</b>			<u>\$ 405,485</u>

***Avista 2017 Capital Additions Detail (System)***  
***(Calendar Year Transfers to Plant)***

<b>End of Period Rate Base Study and Rate Year Projects:</b>	<b>\$ (000's)</b>
<b>Generation / Production (SKJ-1T)</b>	
<b>Asset Condition:</b>	
Automation Replacement	\$ 450
Cabinet Gorge Automation Replacement	2,093
Cabinet Gorge Station Service Replacement	2,137
Generation DC Supplied System Upgrade	1,646
Kettle Falls CT Control Upgrade	669
Little Falls Plant Upgrade	16,444
Long Lake Plant Upgrades	3,950
Nine Mile Rehab	2,213
Noxon Station Service	1,290
Peaking Generation	500
Post Falls Redevelopment	4,500
Replace Cabinet Gorge Gantry Crane	3,637
<b>Failed Plant and Operations:</b>	
Base Load Hydro	1,149
Base Load Thermal Plant	2,200
Regulating Hydro	3,533
<b>Mandatory and Compliance</b>	
Colstrip Thermal Capital	4,420
Clark Fork Settlement Agreement	6,052
Hydro Safety Minor Blanket	50
Spokane River License Implementation	2,786
	<b>\$ 59,718</b>
<b>General (HLR-1T):</b>	
<b>Asset Condition</b>	
Dollar Rd Service Center Addition and Remodel	\$ 17,710
Noxon & Clark Fork Living Facilities	1,563
Structures and Improvements/Furniture	3,600
<b>Failed Plant and Operations</b>	
Capital Tools & Stores Equipment	2,400
<b>Performance and Capacity</b>	
Apprentice Training	60
COF LngTrm Restruct Ph2	10,000
Company Aircraft Capital	3,000
Ergonomic Equipment	300
New Deer Park Service Center	6,247
	<b>\$ 44,880</b>
<b>Natural Gas Distribution (HLR-1T):</b>	
<b>Asset Condition</b>	
Gas Deteriorated Steel Pipe Replacement Program	\$ 1,000
Gas ERT Replacement Program	260
Gas Regulator Stn Replacement Program	800
<b>Customer Requested</b>	
New Revenue - Growth	22,239
<b>Failed Plant and Operations</b>	
Gas Non-Revenue Program	6,000
<b>Mandatory and Compliance</b>	
Gas Cathodic Protection Program	700
Gas Facilities Replacement Program (Aldyl A)	20,700
Gas HP Pipeline Remediation Program	2,925
Gas Isolated Steel Replacement Program	2,000
Gas Overbuilt Pipe Replacement Program	500
Gas PMC Program	1,200
Gas Replacement Street and Highway Program	3,000
<b>Performance and Capacity</b>	
Gas Reinforcement Program	1,000
Gas Telemetry Program	200
	<b>\$ 62,524</b>

**Avista 2017 Capital Additions Detail (System)**  
**(Calendar Year Transfers to Plant)**

<b>Other Plant (HLR-1T):</b>		<b>\$ (000's)</b>	
<b>Mandatory and Compliance</b>			
Jackson Prairie Storage		\$ 1,562	
<b>Asset Condition</b>			
Fleet Budget		7,850	
		<u><b>\$ 9,412</b></u>	
<b>Enterprise Technology (JMK-1T):</b>			
<b>Asset Condition</b>			
Microwave Refresh		\$ 2,100	
Project Atlas		9,734	
Technology Refresh to Sustain Business Process		16,957	
<b>Customer Service Quality and Reliability</b>			
Customer Facing Technology		2,237	
<b>Mandatory and Compliance</b>			
High Voltage Protection for Substations		30	
<b>Performance and Capacity</b>			
Enterprise Business Continuity Plan		486	
Enterprise Security		3,639	
Technology Expansion to Enable Business Process		14,350	
		<u><b>\$ 49,534</b></u>	
<b>Total Transmission</b>			
<b>Electric Transmission / Distribution (HLR-1T):</b>			
	<b>Transmission</b>	<b>Distribution</b>	<b>Total Transmission &amp; Distribution</b>
<b>Asset Condition</b>			
SCADA - SOO & BUCC	\$ 920		\$ 920
Substation - Station Rebuilds	7,867		7,867
Transmission Minor Rebuild	1,843		1,843
Transmission Major Rebuild - Asset Condition	12,025		12,025
Distribution Transformer Change-Out Program		1,200	1,200
Distribution Grid Modernization		13,929	13,929
Distribution Wood Pole Management		9,500	9,500
Primary URD Cable Replacement		1,000	1,000
<b>Customer Requested</b>			
Growth - Hallet and White	1,409		1,409
New Revenue - Growth		23,249	23,249
<b>Failed Plant and Operations</b>			
Electric Storms	3,278		3,278
Distribution Minor Rebuild		8,900	8,900
Meter Minor Blanket		300	300
Spokane Electric Network		2,300	2,300
<b>Mandatory and Compliance</b>			
Colstrip Transmission	449		449
Environmental Compliance	50	350	400
Saddle Mountain 230/115kV Station Integration	1,500		1,500
Spokane Valley Transmission Reinforcement	7,750		7,750
Transmission - NERC Low Priority Mitigation	1,500		1,500
Transmission Construction - Compliance	13,159		13,159
Tribal Permits and Settlements	250		250
Elec Replacement/Relocation		2,700	2,700
Franchising for WSDOT		200	200
<b>Performance and Capacity</b>			
SCADA Build-Out Program	2,500		2,500
Substation - Capital Spares	5,065		5,065
Substation - New Distribution Stations	850		850
LED Change Out Program		2,000	2,000
Segment Reconductor and FDR Tie Program		4,900	4,900
	<u><b>\$ 60,416</b></u>	<u><b>\$ 70,528</b></u>	<u><b>\$ 130,944</b></u>
<b>Total Capital</b>			<u><b>\$ 357,013</b></u>
<b>Total Idaho Direct Capital Additions 2018</b>			<u><b>\$ 1,500</b></u>
<b>Total Oregon Direct Capital Additions 2018</b>			<u><b>\$ 4,000</b></u>
<b>Total Capital Additions in 2018</b>			<u><b>\$ 362,513</b></u>

***Avista 2017 Capital Additions Detail (System)***  
***(Calendar Year Transfers to Plant)***

<b>End of Period Rate Base Study and Rate Year Projects:</b>	<b>\$ (000's)</b>
<b>Generation / Production (SKJ-1T)</b>	
<b>Asset Condition:</b>	
Automation Replacement	\$ 600
Generation DC Supplied System Upgrade	750
Long Lake Plant Upgrades	5,000
Nine Mile Rehab	16,210
Peaking Generation	500
Post Falls Redevelopment	7,200
<b>Failed Plant and Operations:</b>	
Base Load Hydro	1,149
Base Load Thermal Plant	2,200
Regulating Hydro	3,533
<b>Mandatory and Compliance</b>	
Colstrip Thermal Capital	10,370
Clark Fork Settlement Agreement	39,097
Hydro Safety Minor Blanket	55
Spokane River License Implementation	533
	<u>\$ 87,196</u>
<b>General (HLR-1T):</b>	
<b>Asset Condition</b>	
Structures and Improvements/Furniture	\$ 3,600
<b>Failed Plant and Operations</b>	
Capital Tools & Stores Equipment	2,400
<b>Performance and Capacity</b>	
Apprentice Training	60
	<u>\$ 6,060</u>
<b>Natural Gas Distribution (HLR-1T):</b>	
<b>Asset Condition</b>	
Gas Deteriorated Steel Pipe Replacement Program	\$ 1,000
Gas ERT Replacement Program	280
Gas Regulator Stn Replacement Program	800
<b>Customer Requested</b>	
New Revenue - Growth	22,941
<b>Failed Plant and Operations</b>	
Gas Non-Revenue Program	6,000
<b>Mandatory and Compliance</b>	
Gas Cathodic Protection Program	700
Gas Facilities Replacement Program (Aldyl A)	21,160
Gas HP Pipeline Remediation Program	3,013
Gas Isolated Steel Replacement Program	2,000
Gas Overbuilt Pipe Replacement Program	500
Gas PMC Program	1,200
Gas Replacement Street and Highway Program	3,000
<b>Performance and Capacity</b>	
Cheney HP Reinforcement	5,000
Gas Reinforcement Program	1,000
Gas Telemetry Program	200
Gas Warden HP Reinforcement	6,000
	<u>\$ 74,793</u>
<b>Other Plant (HLR-1T):</b>	
<b>Mandatory and Compliance</b>	
Jackson Prairie Storage	\$ 1,483
<b>Asset Condition</b>	
Fleet Budget	7,850
	<u>\$ 9,333</u>

**Avista 2017 Capital Additions Detail (System)**  
**(Calendar Year Transfers to Plant)**

<b>Enterprise Technology (JMK-1T):</b>		<b>\$ (000's)</b>	
<b>Asset Condition</b>			
Microwave Refresh			\$ 2,100
Project Atlas			807
Technology Refresh to Sustain Business Process			14,140
<b>Customer Service Quality and Reliability</b>			
Customer Facing Technology			1,900
<b>Performance and Capacity</b>			
Enterprise Business Continuity Plan			450
Enterprise Security			1,710
Technology Expansion to Enable Business Process			12,315
			<u>\$ 33,422</u>
		<b>Total</b>	
<b>Electric Transmission / Distribution (HLR-1T):</b>		<b>Transmission</b>	<b>Distribution</b>
		<b>Distribution</b>	
<b>Asset Condition</b>			
SCADA - SOO & BUCC	\$ 1,013		\$ 1,013
Substation - Station Rebuilds	15,800		15,800
Transmission Minor Rebuild	1,908		1,908
Transmission Major Rebuild - Asset Condition	11,000		11,000
Distribution Transformer Change-Out Program		1,200	1,200
Distribution Grid Modernization		14,333	14,333
Distribution Wood Pole Management		9,500	9,500
Primary URD Cable Replacement		1,000	1,000
<b>Customer Requested</b>			
New Revenue - Growth		22,668	22,668
<b>Failed Plant and Operations</b>			
Electric Storms	3,377		3,377
Distribution Minor Rebuild		8,900	8,900
Meter Minor Blanket		300	300
Spokane Electric Network		2,300	2,300
<b>Mandatory and Compliance</b>			
Colstrip Transmission	391		391
Environmental Compliance	50	350	400
Garden Springs 230/115kV Station Integration	725		725
Saddle Mountain 230/115kV Station Integration	14,500		14,500
Transmission - NERC Low Priority Mitigation	1,500		1,500
Transmission Construction - Compliance	13,000		13,000
Tribal Permits and Settlements	150		150
Elec Replacement/Relocation		2,800	2,800
Franchising for WSDOT		200	200
<b>Performance and Capacity</b>			
SCADA Build-Out Program	6,000		6,000
Substation - Capital Spares	4,025		4,025
Substation - New Distribution Stations	6,375		6,375
LED Change Out Program		2,320	2,320
Segment Reconductor and FDR Tie Program		5,001	5,001
	<u>\$ 79,814</u>	<u>\$ 70,871</u>	<u>\$ 150,685</u>
<b>Total Capital Additions in 2019</b>		<u><u>\$ 361,489</u></u>	

**Avista 2017 Capital Additions Detail (System)**  
**(Calendar Year Transfers to Plant)**

<b>End of Period Rate Base Study and Rate Year Projects:</b>	<b>\$ (000's)</b>
<b>Generation / Production (SKJ-IT)</b>	
<b>Asset Condition:</b>	
Automation Replacement	\$ 602
Cabinet Gorge Station Service Replacement	2,138
Generation DC Supplied System Upgrade	1,698
Little Falls Install Obermeyer Gate	14,723
Long Lake Plant Upgrades	250
Peaking Generation	500
<b>Failed Plant and Operations:</b>	
Base Load Hydro	1,149
Base Load Thermal Plant	2,200
Regulating Hydro	3,533
<b>Mandatory and Compliance</b>	
Colstrip Thermal Capital	8,945
Clark Fork Settlement Agreement	4,622
Hydro Safety Minor Blanket	50
Spokane River License Implementation	419
<b>Performance and Capacity</b>	
Energy Imbalance Market	11,200
	<b>\$ 52,029</b>
<b>General (HLR-IT):</b>	
<b>Asset Condition</b>	
New Davenport Facility	\$ 6,500
Sandpoint Renovation	5,500
Structures and Improvements/Furniture	3,600
<b>Failed Plant and Operations</b>	
Capital Tools & Stores Equipment	3,000
<b>Performance and Capacity</b>	
Apprentice Training	60
COF LngTrm Restruct Ph2	14,000
Jack Stewart Training Center Expansion	10,300
New Pullman Service Center	7,600
	<b>\$ 50,560</b>
<b>Natural Gas Distribution (HLR-IT):</b>	
<b>Asset Condition</b>	
Gas Deteriorated Steel Pipe Replacement Program	\$ 1,000
Gas ERT Replacement Program	330
Gas Regulator Stn Replacement Program	800
<b>Customer Requested</b>	
New Revenue - Growth	23,455
<b>Failed Plant and Operations</b>	
Gas Non-Revenue Program	6,000
<b>Mandatory and Compliance</b>	
Gas Cathodic Protection Program	700
Gas Facilities Replacement Program (Aldyl A)	21,629
Gas HP Pipeline Remediation Program	3,062
Gas Isolated Steel Replacement Program	2,000
Gas Overbuilt Pipe Replacement Program	500
Gas PMC Program	1,200
Gas Replacement Street and Highway Program	3,000
<b>Performance and Capacity</b>	
Gas Pullman HP Reinforcement	2,500
Gas Reinforcement Program	1,000
Gas Telemetry Program	200
	<b>\$ 67,377</b>
<b>Other Plant (HLR-IT):</b>	
<b>Mandatory and Compliance</b>	
Jackson Prairie Storage	\$ 1,478
<b>Asset Condition</b>	
Fleet Budget	7,850
	<b>\$ 9,328</b>

**Avista 2017 Capital Additions Detail (System)**  
**(Calendar Year Transfers to Plant)**

<b>Enterprise Technology (JMK-1T):</b>		<b>\$ (000's)</b>	
<b>Asset Condition</b>			
Microwave Refresh			\$ 2,247
Project Atlas			12,500
Technology Refresh to Sustain Business Process			18,000
<b>Customer Service Quality and Reliability</b>			
Customer Facing Technology			2,000
<b>Performance and Capacity</b>			
Enterprise Business Continuity Plan			450
Enterprise Security			4,000
Technology Expansion to Enable Business Process			14,000
			<u>\$ 53,197</u>
		<b>Total</b>	
<b>Electric Transmission / Distribution (HLR-1T):</b>		<b>Transmission</b>	<b>Distribution</b>
		<b>Transmission &amp; Distribution</b>	
<b>Asset Condition</b>			
SCADA - SOO & BUCC	\$ 920		\$ 920
Substation - Station Rebuilds	4,185		4,185
Transmission Minor Rebuild	1,970		1,970
Transmission Major Rebuild - Asset Condition	23,550		23,550
Distribution Transformer Change-Out Program		1,200	1,200
Distribution Grid Modernization		12,942	\$ 12,942
Distribution Wood Pole Management		9,000	\$ 9,000
Primary URD Cable Replacement		1,000	1,000
<b>Customer Requested</b>			
New Revenue - Growth		23,055	23,055
<b>Failed Plant and Operations</b>			
Electric Storms	3,169		3,169
Distribution Minor Rebuild		8,900	8,900
Meter Minor Blanket		300	300
Spokane Electric Network		2,300	2,300
<b>Mandatory and Compliance</b>			
Colstrip Transmission	365		365
Environmental Compliance	50	350	400
Garden Springs 230/115kV Station Integration	8,250		8,250
Transmission - NERC Low Priority Mitigation	1,500		1,500
Tribal Permits and Settlements	250		250
Elec Replacement/Relocation		3,000	3,000
Franchising for WSDOT		200	200
<b>Performance and Capacity</b>			
SCADA Build-Out Program	7,670		7,670
Substation - Capital Spares	4,025		4,025
LED Change Out Program		2,000	2,000
Segment Reconductor and FDR Tie Program		5,000	5,000
	<u>\$ 55,904</u>	<u>\$ 69,247</u>	<u>\$ 125,151</u>
<b>Total Capital Additions in 2020</b>			<u><u>\$ 357,643</u></u>

***Avista 2017 Capital Additions Detail (System)***  
***(Calendar Year Transfers to Plant)***

<b><u>End of Period Rate Base Study and Rate Year Projects:</u></b>	<b><u>\$ (000's)</u></b>
<b>Generation / Production (SKJ-1T)</b>	
<b>Asset Condition:</b>	
Automation Replacement	\$ 390
Generation DC Supplied System Upgrade	3,484
LL HED Emergency Generator Plant	725
Long Lake Plant Upgrades	12,600
Peaking Generation	500
Post Falls Redevelopment	53,575
<b>Failed Plant and Operations:</b>	
Base Load Hydro	1,149
Base Load Thermal Plant	2,200
Regulating Hydro	3,533
<b>Mandatory and Compliance</b>	
Colstrip Thermal Capital	2,940
Clark Fork Settlement Agreement	10,794
Hydro Safety Minor Blanket	55
Spokane River License Implementation	613
<b>Performance and Capacity</b>	
Energy Imbalance Market	300
	<b><u>\$ 92,859</u></b>
<b>General (HLR-1T):</b>	
<b>Asset Condition</b>	
Structures and Improvements/Furniture	\$ 3,600
<b>Failed Plant and Operations</b>	
Capital Tools & Stores Equipment	3,150
<b>Performance and Capacity</b>	
Apprentice Training	60
COF LngTrm Restruct Ph2	10,000
	<b><u>\$ 16,810</u></b>
<b>Natural Gas Distribution (HLR-1T):</b>	
<b>Asset Condition</b>	
Gas Deteriorated Steel Pipe Replacement Program	\$ 1,000
Gas ERT Replacement Program	716
Gas Regulator Stn Replacement Program	800
<b>Customer Requested</b>	
New Revenue - Growth	23,434
<b>Failed Plant and Operations</b>	
Gas Non-Revenue Program	6,000
<b>Mandatory and Compliance</b>	
Gas Cathodic Protection Program	700
Gas Facilities Replacement Program (Aldyl A)	22,109
Gas HP Pipeline Remediation Program	3,000
Gas Isolated Steel Replacement Program	2,000
Gas Overbuilt Pipe Replacement Program	400
Gas PMC Program	1,200
Gas Replacement Street and Highway Program	3,000
<b>Performance and Capacity</b>	
Gas Reinforcement Program	1,000
Gas Telemetry Program	200
	<b><u>\$ 65,559</u></b>
<b>Other Plant (HLR-1T):</b>	
<b>Mandatory and Compliance</b>	
Jackson Prairie Storage	\$ 1,483
<b>Asset Condition</b>	
Fleet Budget	7,850
	<b><u>\$ 9,333</u></b>

**Avista 2017 Capital Additions Detail (System)**  
**(Calendar Year Transfers to Plant)**

<b>Enterprise Technology (JMK-IT):</b>	<b>\$ (000's)</b>		
<b>Asset Condition</b>			
Project Atlas			\$ 11,600
Technology Refresh to Sustain Business Process			23,000
<b>Customer Service Quality and Reliability</b>			
Customer Facing Technology			2,000
<b>Performance and Capacity</b>			
Enterprise Business Continuity Plan			450
Enterprise Security			3,600
Technology Expansion to Enable Business Process			14,000
			<u>\$ 54,650</u>
			<b>Total</b>
<b>Electric Transmission / Distribution (HLR-IT):</b>	<b>Transmission</b>	<b>Distribution</b>	<b>Transmission &amp; Distribution</b>
<b>Asset Condition</b>			
SCADA - SOO & BUCC	\$ 920		\$ 920
Substation - Station Rebuilds	15,385		15,385
Transmission Minor Rebuild	2,015		2,015
Transmission Major Rebuild - Asset Condition	24,500		24,500
Distribution Grid Modernization		12,942	12,942
Distribution Wood Pole Management		12,000	12,000
Primary URD Cable Replacement		1,000	1,000
<b>Customer Requested</b>			
New Revenue - Growth		23,123	23,123
<b>Failed Plant and Operations</b>			
Electric Storms	3,200		3,200
Distribution Minor Rebuild		8,900	8,900
Meter Minor Blanket		300	300
Spokane Electric Network		2,300	2,300
<b>Mandatory and Compliance</b>			
Colstrip Transmission	442		442
Environmental Compliance	50	350	400
Noxon Switchyard Rebuild	21,600		21,600
Tribal Permits and Settlements	250		250
Elec Replacement/Relocation		3,100	3,100
Franchising for WSDOT		200	200
<b>Performance and Capacity</b>			
SCADA Build-Out Program	7,670		7,670
Substation - Capital Spares	4,025		4,025
Substation - New Distribution Stations	5,000		5,000
Segment Reconductor and FDR Tie Program		5,000	5,000
	<u>\$ 85,058</u>	<u>\$ 69,215</u>	<u>\$ 154,273</u>
<b>Total Capital Additions in 2021</b>			<u><u>\$ 393,484</u></u>