

**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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DOCKET NOS. UE-200900 and UG-200901 (*Consolidated*)

**PAUL J. ALVAREZ AND DENNIS STEPHENS**  
**ON BEHALF OF THE**  
**WASHINGTON STATE OFFICE OF THE ATTORNEY GENERAL**  
**PUBLIC COUNSEL UNIT**

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**EXHIBIT PADS-26**

Avista Response to Public Counsel Data Request No. 106

**April 21, 2021**



Fill In		749	740	743	591
Fire	144	132	147	159	119
Forced	39	139	116	148	98
Highside Breaker					5
Highside Fuse		1			
Insulator	28	31	13	30	14
Insulator Pin	12	9	14	19	10
Junctions			2	1	
Lightning	212	123	110	103	184
Lowside					
OCB/Recloser	4	6		5	2
Maint/Upgrade	1767	2676	2081	2211	1835
Other	203	216	238	231	257
Pole Fire	199	72	92	77	68
Pole-rotten	19	17	8	4	14
Primary Splice		1	1		
Protected	4	3	2	3	6
Recloser	1	5	8	2	4
Regulator	9	4	1	1	2
Relay Misoperation	1	1	4		
SEE REMARKS	2	47	56	10	32
Service	52	50	32	46	61
Snow/Ice	569	157	586	218	277
Squirrel	364	236	345	259	262
Switch/Disconnect	5	2	11	4	11
Termination	7	13	12	10	11
Transformer			5		
Transformer - OH	84	75	85	64	69
Transformer UG	52	33	44	58	58
Tree	41	37	24	31	26
Tree Fell	244	266	279	284	373
Tree Growth	80	113	114	97	94
Underground					3
Undetermined	711	655	742	675	596
URD Cable - Primary	88	58	74	58	84
URD Cable - Second	47	55	78	78	89
Weather	86	44	185	129	90
Wildlife Guard			1	1	
Wind	682	117	237	86	539

- b) When coding the reasons in the outage management system, Avista's operators learn through on the job training to record reasons and sub-reasons based on root cause. These root causes are determined through field inspection and relayed from the responding line crew(s) to the operator on shift. The root cause is defined as the acting person/place/thing that caused the electrical fault. As such, the root cause is not the protection device that operated, such as a fuse, to stop the fault, unless it can

be determined by inspection to have failed outside its design criteria. The operators' assignments of reasons are reviewed and corrected as needed each month, and the operators are coached accordingly.

- c) Please find the subject outage reports for the years requested in PC-DR-106 Attachment A.