



# **Avista Utilities**

## **Performance Based Ratemaking Metrics**

### **Electric Reliability**

**Metric 1: SAIDI excluding IEEE-defined major events for WA**

Details: this metric is reported on an annual basis.

<b>Year</b>	<b>SAIDI w/Out MEDs</b>
2022	136
2023	87
2024	112

**Metric 2: SAIDI all outages for WA**

Details: this metric is reported on an annual basis.

<b>Year</b>	<b>SAIDI w/MEDs</b>
2022	175
2023	121
2024	152

**Metric 3: SAIFI excluding IEEE-defined major events for WA**

Details: this metric is reported on an annual basis.

<b>Year</b>	<b>SAIFI w/Out MEDs</b>
2022	0.84
2023	0.72
2024	0.82

**Metric 4: SAIFI all outages for WA**

Details: this metric is reported on an annual basis.

<b>Year</b>	<b>SAIFI w/MEDs</b>
2022	0.99
2023	0.77
2024	0.96

**Metric 5: CAIDI by feeder classification**

Details: this metric is reported on an annual basis.

<b>Feeder Type</b>	<b>2022 CAIDI w/Out MEDs</b>	<b>2023 CAIDI w/Out MEDs</b>	<b>2024 CAIDI w/Out MEDs</b>
Rural	180	153	163
Suburban	129	93	95
Urban	108	78	125

**Metric 6: CAIDI in highly impacted communities, by census tract**

Details: this metric is reported on an annual basis.

See map at <https://www.myavista.com/ElectricReliabilityMap> or Electric Reliability Attachment A.

**Metric 7: CAIFI by feeder classification**

Details: this metric is reported on an annual basis.

<b>Feeder Type</b>	<b>2022 CAIFI w/Out MEDs</b>	<b>2023 CAIFI w/Out MEDs</b>	<b>2024 CAIFI w/Out MEDs</b>
Rural	2.80	2.06	2.27
Suburban	1.42	1.37	1.39
Urban	1.12	1.42	1.09

**Metric 8: CAIFI in highly impacted communities, by census tract**

Details: this metric is reported on an annual basis.

See map at <https://www.myavista.com/ElectricReliabilityMap> or Electric Reliability Attachment A.

**Metric 9: CEMI IEEE Standard 1366P-2003, by census tract**

Details: this metric is reported on an annual basis.

See map at <https://www.myavista.com/ElectricReliabilityMap> or Electric Reliability Attachment A.

**Metric 10: CEMI IEEE Standard 1366P-2003 in highly impacted communities, by census tract**

Details: this metric is reported on an annual basis.

See map at <https://www.myavista.com/ElectricReliabilityMap> or Electric Reliability Attachment A.

**Metric 11: CEMI Max, by census tract**

Details: this metric is reported on an annual basis.

See map at <https://www.myavista.com/ElectricReliabilityMap> or Electric Reliability Attachment A.

**Metric 12: CEMI 0, by census tract**

Details: this metric is reported on an annual basis.

See map at <https://www.myavista.com/ElectricReliabilityMap> or Electric Reliability Attachment A.

**Metric 13: Total outage hours by census tract**

Details: this metric is reported on an annual basis.

See map at <https://www.myavista.com/ElectricReliabilityMap> or Electric Reliability Attachment A.

**Metric 14: Average response time to an electric system emergency**

Details: this metric is reported on a quarterly basis. Value shown is year-to-date through the end of that quarter.

<b>Average Response Time to an Electric System Emergency (Minutes)</b>				
<b>Year</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
<b>2023</b>	49	47	48	47
<b>2024</b>	40	44	45	45

**Metric 15: Average response time to a natural gas system emergency**

Details: this metric is reported on a quarterly basis. Value shown is year-to-date through the end of that quarter.

<b>Average Response Time to a Natural Gas System Emergency (Minutes)</b>				
<b>Year</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
<b>2023</b>	48	49	49	50
<b>2024</b>	51	47	42	43

**Metric 16: Planning Reserve Margin**

Details: this metric is reported on a quarterly basis.

<b>Planning Reserve Margin</b>				
<b>Year</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
<b>2023</b>	25.5%	42.6%	25%	34.5%
<b>2024</b>	22.3%	30.1%	22.5%	15.5%

**Metric 17: Number of outages by category during the Fire Season (June 1-Oct. 1) vs No Fire Season**

Details: this metric is reported on an annual basis.

<b>All Outages by Category</b>	<b>2022 Non-Fire Season</b>	<b>2022 Fire Season</b>	<b>2023 Non-Fire Season</b>	<b>2023 Fire Season</b>
Animal	199	345	205	397
Company	65	35	63	40
Equipment OH	463	282	407	234
Equipment SUB	4	8	0	2
Equipment UG	127	113	130	96
Miscellaneous	1	0	2	0
Planned	1,922	840	1,702	1,073
Pole Fire	25	25	31	36
Public	338	243	400	205
Tree	259	217	163	198
Undetermined	269	191	197	206
Weather	603	253	237	223
<b>Grand Total</b>	<b>4,275</b>	<b>2,552</b>	<b>3,537</b>	<b>2,710</b>
<i>Note: These values include only Non-Major Event Days</i>				

<b>All Outages by Category</b>	<b>2024 Non-Fire Season</b>	<b>2024 Fire Season</b>
Animal	211	322
Company	44	42
Equipment OH	546	248
Equipment SUB	6	9
Equipment UG	164	111
Miscellaneous	5	2
Planned	1,559	712
Pole Fire	29	40
Public	338	208
Tree	298	174
Undetermined	302	153
Weather	413	388
<b>Grand Total</b>	<b>3,915</b>	<b>2,409</b>
<i>Note: These values include only Non-Major Event Days</i>		

**Metric 18: Number of overhead equipment failures by subcategory (arrestors, capacitor, insulator, fuse, conductor, etc.) during Fire Season (June 1-Oct. 1) vs No Fire Season**

Details: this metric is reported on an annual basis.

<b>Overhead Equipment Outages</b>	<b>2022 Non-Fire Season</b>	<b>2022 Fire Season</b>	<b>2023 Non-Fire Season</b>	<b>2023 Fire Season</b>
Arrester	59	27	50	15
Capacitor	0	0	0	0
Conductor - Pri	65	24	63	27
Conductor - Sec	73	34	68	40
Connector - Pri	32	17	11	12
Connector - Sec	34	15	41	22
Crossarm	0	5	0	15
Crossarm-rotten	7	56	9	46
Cutout/Fuse	109	5	64	11
Insulator	11	4	14	5
Insulator Pin	6	34	7	19
Other	28	8	25	3
Pole Fire	1	1	0	0
Pole-rotten	3	4	9	0
Recloser	0	0	3	1
Regulator	4	48	0	18
Switch/Disconnect	0	0	0	0
Transformer- OH	0	0	43	0
Wildlife Guard	0	0	0	0
<b>Total</b>	<b>432</b>	<b>282</b>	<b>407</b>	<b>234</b>
<i>Note: These values include only Non-Major Event Days</i>				

<b>Overhead Equipment Outages</b>	<b>2024 Non-Fire Season</b>	<b>2024 Fire Season</b>
Arrester	72	21
Capacitor	2	1
Conductor - Pri	77	22
Conductor - Sec	87	60
Connector - Pri	34	13
Connector - Sec	52	22
Crossarm	0	15
Crossarm-rotten	12	46
Cutout/Fuse	108	1
Insulator	19	1
Insulator Pin	8	9
Other	15	5
Pole Fire	0	1
Pole-rotten	3	0
Recloser	5	0
Regulator	2	31
Switch/Disconnect	1	0
Transformer- OH	49	0
Wildlife Guard	0	0
<b>Total</b>	<b>546</b>	<b>248</b>

*Note: These values include only Non-Major Event Days*