April 28, 2011

Mr. Shawn Bonfield

State and Federal Regulation

Avista Corporation

P. O. Box 3727

Spokane, WA 99202

Re: Avista Corporation’s Modified Electric Reliability Reporting Plan

Docket UE-110595

Dear Mr. Bonfield:

On March 30, 2011, Avista Corporation (Avista or company) filed a modification to its annual electric reliability monitoring and reporting plan[[1]](#footnote-1) as required under WAC 480-100-393. Avista filed a replacement plan (Proposed Plan) on April 14, 2011. Avista’s Proposed Plan describes what will be included in its annual electric system reliability reports filed pursuant to WAC 480-100-398. The annual electric system reliability report will include:

1. Full-system reliability performance statistics – The company will report SAIFI,[[2]](#footnote-2) MAIFI,[[3]](#footnote-3) SAIDI[[4]](#footnote-4) and CAIDI[[5]](#footnote-5) both including[[6]](#footnote-6) and excluding major events. The company will also report CEMIn.[[7]](#footnote-7) The baseline year will be 2005 for the company’s full-system reliability statistics;
2. Localized reliability performance statistics – The company will report SAIFI, MAIFI, SAIDI and CAIDI, both including and excluding major events, for each local office. The company will also provide maps analyzing each local office using CEMIn to identify and plan to remedy its areas of greatest concern;
3. Information on outage causes – The company will track outage causes and provide analysis of SAIFI, MAIFI, SAIDI and CAIDI by outage cause;
4. Customer complaint information – The company will document and report customer complaints regarding power quality, sustained service interruptions and major events.

The annual electric service reliability report will be filed on or before April 30.

The Proposed Plan has been discussed with commission staff members and is expected to produce annual electric system reliability reports that continue to provide accurate, timely information on customer service reliability. Avista’s modified electric reliability monitoring and reporting plan is deemed consistent with WAC 480-100-393, and is accepted by the commission.

Questions about the contents of this letter should be addressed to Ms. Deborah Reynolds at [dreynold@utc.wa.gov](mailto:dreynold@utc.wa.gov) or 360-664-1255.

Sincerely,

David W. Danner

Executive Secretary

1. Initial Reporting Plan filed October 22, 2001, in Docket UE-011428. [↑](#footnote-ref-1)
2. System average interruption frequency index defined as outage events per customer. Results will also include the 5-year-average of all outages (Total 5 years avg). [↑](#footnote-ref-2)
3. Momentary average interruption frequency index defined as outage events per customer that are less than five minutes long. [↑](#footnote-ref-3)
4. System average interruption duration index defined as outage minutes per customer. Results will also include the 5-year-average of all outages (Total 5 years avg). [↑](#footnote-ref-4)
5. Customer average interruption duration index defined as average restoration time in minutes. [↑](#footnote-ref-5)
6. These will include all outages (Total Annual) and outages based on a statistical analysis of the breakpoint between day-to-day operations and major events (IEEE). [↑](#footnote-ref-6)
7. Customers experiencing multiple “n” sustained interruptions. [↑](#footnote-ref-7)