

Nathan R. Jensen
Evidentiary Hearing Testimony Summary
Case No. PU- 23-066 - Astoria Station On-Site Fuel Storage ADP

My name is Nathan R. Jensen, and I am the Manager of Resource Planning at Otter Tail Power Company. I will provide a brief summary of my testimony supporting the Company's Application for an advance determination of prudence for the Astoria Station LNG fuel storage project.

My pre-filed testimony notes the benefits of resilient generation, and that the addition of Astoria Station fuel storage significantly increase the amount of resilient generation in Otter Tail's generation portfolio, to the benefit of our customers. I have also noted that resilient generation is synonymous with fuel assurance, one of the six core reliability attributes identified by MISO. In fact fuel assurance may be the key reliability attribute because it is foundation to the other attributes identified by MISO. I have noted that the Northern Border pipeline has a history of reliability, but all natural gas pipelines are subject to disruptions, as was seen during Winter Storm Uri and more recently during Winter Storm Elliot. Preparing for these inevitable disruptions is an important step to ensuring reliability.

I have also noted that recent MISO accreditation changes incent generation resources to be available during the most important hours. Onsite fuel storage at Astoria Station will increase the likelihood of Astoria being available during extreme weather events which will have a direct impact to the amount of capacity credit Astoria will receive, to the benefit of customers. Specifically, a generation plant may see a reduction in capacity credit if it is forced to go on outage during extreme system events.

Finally I have also addressed the growing concern in our industry about reliability risks caused by the pace of the transition from dispatchable resources to intermittent resources, and specifically the risks posed by extreme weather events, which can limit energy supply at the same time demand increases. I have explained that these factors support the addition of on-site LNG storage at Astoria Station.

This concludes my summary.

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OTP Exhibit 16 – Opening Statement of Nathan Jensen

Otter Tail Power Company

