

OTTER TAIL POWER COMPANY

Docket No: EL21-015

Response to: SD Public Utilities Commission

Analyst: SD PUC Staff

Date Received: May 21, 2021

Date Due: June 04, 2021

Date of Response: June 04, 2021

Responding Witness: Jason A. Grenier, Manager Market Planning - (218) 739-8639

Data Request:

Do air source heat pumps still require a minimum EER of 12.5 to qualify? If not, what changed since docket EL20-016?

Attachments: 0

Response:

For 2020, Air Source Heat Pumps (ASHP) still had the requirement of 12.5 or greater EER. Cold Climate Heat Pumps (CCHP) have the stated minimum requirement to be Energy Star or SEER equal to or greater than 15. The Minnesota Technical Reference Manual equation was used for converting SEER to EER ($SEER \times 0.875 = EER$). With the requirement of SEER equaling 15, the EER is then equal to 13.125, or greater than the previous 12.5. Using Energy Star or SEER qualifiers, makes it easier for customers to identify equipment that satisfies the requirements.