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September 4, 2024

MEMORANDUM

TO: Council Members

FROM: Tomás Morrissey, Senior Power Analyst

SUBJECT: July Record Peak Load Event

BACKGROUND:

- Presenters: Tomás Morrissey
- Summary: In early July 2024 the Western US experienced a heat wave. While average regional temperatures did not reach the levels of the 2021 heat dome, the Northwest region set a new summer peak record. Some Northwest balancing areas, including the Bonneville Power Administration balancing area, set records as well. Tomás Morrissey, Senior Power Analyst, will share data and insights on temperatures, loads, resource performance, and power prices during the event.
- Relevance: Hot weather in July 2024 stressed the Northwest power system. By studying the event we can learn how the power system performs under extreme conditions. This can help inform the Council's resource adequacy assessments and other planning work.





























