BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION, Complainant,

v.

PUGET SOUND ENERGY,
Respondent.

SEVENTH EXHIBIT (NONCONFIDENTIAL) TO
THE PREFILED RESPONSE TESTIMONY OF

ED BURGESS

ON BEHALF OF NW ENERGY COALITION, FRONT AND CENTERED, AND SIERRA CLUB

JULY 28, 2022
BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

Dockets UE-220066 & UG-220067
Puget Sound Energy
2022 General Rate Case

NWEC DATA REQUEST NO. 118:
REQUESTED BY: Jaimini Parekh

Re: Miscellaneous

Does PSE use a “Design Day” or other reference scenario when conducting planning for gas capacity on its system? If so, what is the assumed temperature for that “Design Day”?

Response:

Yes, Puget Sound Energy (“PSE”) utilizes a design day assumption of a 52 Heating Degree Day, which is equivalent to an average 24-hour period temperature of 13 degrees Fahrenheit as the planning standard for both energy supply/conservation planning as well as planning for PSE’s distribution system. Energy supply planning occurs at the daily level of granularity, consistent with contracting in the gas industry; that is, gas is scheduled on interstate pipelines on a daily basis. In distribution system planning, hourly flows within a design day are also considered.