

**Exh. BAE-11
Docket UG-230393
Witness: Betty A. Erdahl**

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY,

Respondent.

DOCKET UG-230393

EXHIBIT TO TESTIMONY OF

BETTY A. ERDAHL

**STAFF OF
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION**

Vaporizer and Liquefaction Annual Maximum Capacity

September 8, 2023

Puget Sound Energy
2023 Gas Schedule 141D Distribution Pipeline Recovery Filing
Summary of Rates
Proposed Rates Effective November 1, 2023

Staff calculation of allocation of the 4-mile distribution pipe
Allocation of pipeline based on maximum liquefaction capacity
and vaporization PSCAA permit limit

Vaporizer limit and maximum capacity

1 Puget Sound Clean Air Agency (PSCAA) Permit Limit days per year	10
2 Maximum vaporization of decatherms (Dth) per day	66,000
3 Total vaporized Dth/year allowed by PSCAA permit	<u>660,000</u>
4 <u>Liquefaction maximum capacity</u>	
5 Days per year less the vaporization limit	355
6 Maximum liquefaction of Dth per day	21,400
7 Total liquefaction Dth per year	<u>7,597,000</u>
8 Total Dth per year	8,257,000
9 Percentage of Liquefied Natural Gas for PSE Distribution on pipeline	7.99%