



## Project Summary

### Puget Sound Energy Tideflats LNG Facility

#### Description of Proposal:

Puget Sound Energy, Inc., (PSE) proposes to construct a natural gas liquefaction and storage facility in the City of Tacoma, the objectives of which are to meet its customers' gas demands and to provide a cleaner-burning fuel for TOTE marine that meets or exceeds applicable regional, state and federal air standards. The Tacoma LNG Facility is proposed for a 33-acre site on the Blair-Hylebos Peninsula in the Port of Tacoma. The facility would receive natural gas from PSE's distribution system, chill the gas to produce approximately 250,000 to 500,000 gallons of natural gas into liquefied natural gas ("LNG") daily, and store up to 8 million gallons of LNG on site. The LNG would be available for use as a reduced-emissions fuel for marine vessels and land-based vehicles, as well as for utility peak shaving during periods of high demand.

A single 8-million gallon, non-pressurized full-containment LNG storage tank consisting of an inner nickel-steel tank and an outer concrete tank with interstitial insulation, would be located on the site. The facility would include infrastructure for loading marine vessels and/or bunker barges with LNG. An existing pier on the Hylebos waterway may be replaced and a new fueling platform and mooring dolphins will be installed on the Blair waterway. The facility will be built to the nation's most current safety standards for this type of facility.

The liquefaction facility would receive natural gas from PSE's existing natural gas pipeline distribution system. Two new segments would be added to the distribution system to serve the facility - an approximately 1-mile distribution pipeline in unincorporated Pierce County that will connect two existing distribution lines, and an approximately 4-mile distribution pipeline that will extend from the City of Fife into Tacoma to reach the Tacoma LNG Facility. The proposed distribution system improvements would include one new limit station and modifications to one existing gate station, both of which would be located in unincorporated Pierce County.

#### Location of the Proposal

The LNG project would be constructed on the Blair-Hylebos Peninsula/Port of Tacoma: 901 and 1001 Alexander Avenue East; 3533 E. 11<sup>th</sup> Street, Tacoma WA 98421, and the new pipeline in the Cities of Tacoma, Fife, and unincorporated Pierce County.

#### Alternatives

PSE considered numerous alternative sites in the Puget Sound region for the LNG project. However, the Port of Tacoma site was selected as the preferred site due to its proximity to TOTE Marine and the existing industrial land use of the area. As required, the Draft EIS also evaluates a "no action" alternative under which it is assumed that the development would not occur.



