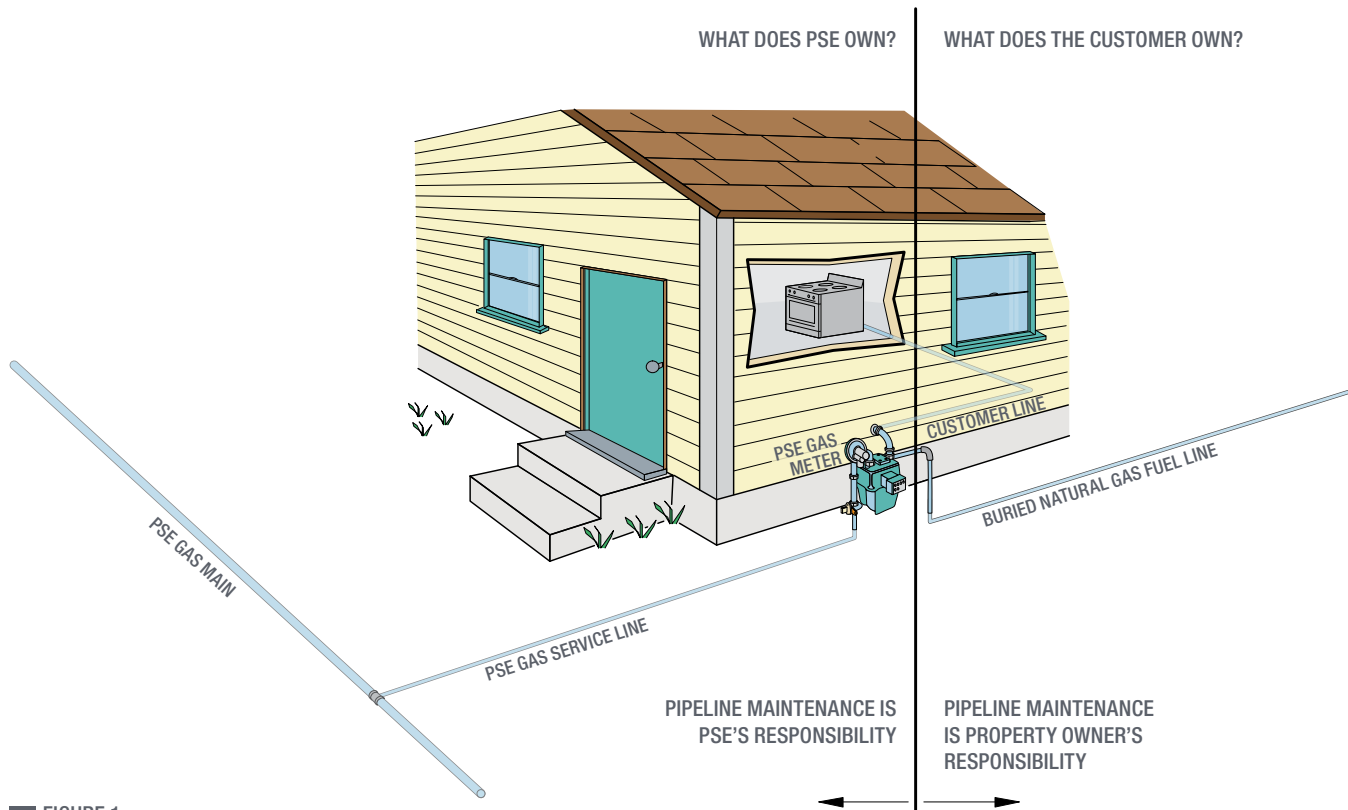


CALL PSE'S CUSTOMER CONSTRUCTION SERVICES AT 1-888-321-7779 OR VISIT [PSE.COM/CUSTOMERCONSTRUCTION](https://www.pse.com/customerconstruction) FOR MORE INFORMATION.



■ FIGURE 1

## Fuel line piping for existing PSE customers

Gas piping before the outlet valve is PSE owned and maintained (reference figure 2). Mechanical contractors and customers are not authorized to make any adjustments to a PSE natural gas meter set assembly. Any adjustment to an existing meter assembly needs to be completed by a PSE Natural Gas Technician. The riser shutoff and meter outlet valves may be operated during emergencies or to facilitate fuel line and appliance work. Before the gas meter can be turned on, the fuel line shall be inspected, approved, and connected to the gas meter (permit signed and approved by the local administrative authority).

For additional information, please visit [pse.com/pages/meter-tampering-and-diversion](https://www.pse.com/pages/meter-tampering-and-diversion).

To arrange for the gas meter turn-on, please call PSE at 1-888-225-5773. Call by 3 p.m. for same day gas meter turn-on for up to two meters. For facilities with more than two meters, call PSE to schedule the meter turn-on. This applies on regular business days, subject to delays associated with major storms, earthquakes, supply interruptions, or other adverse events beyond PSE's control. PSE will turn on the gas meter and verify operation of new gas appliances.



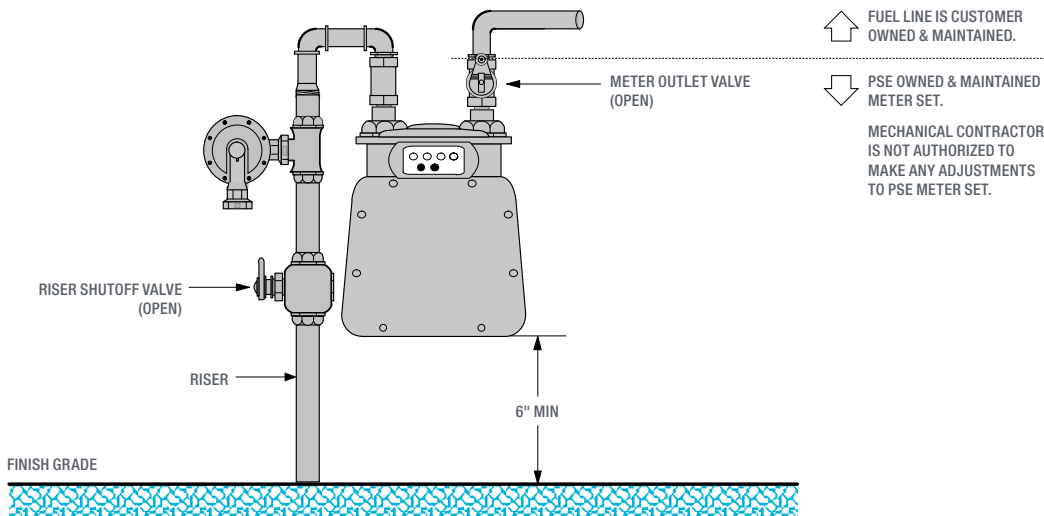
# Adding or upgrading customer gas fuel line piping

## Safety requirements

Natural gas risers (reference figure 2 below), up to and including the gas meter, shall not be used as a grounding electrode. An electrical ground connection to a natural gas riser could result in a hazardous condition and can compromise PSE's Corrosion Protection System. For more details on meter clearances, refer to handout 3885, *Gas Meter Clearances and Service Installation Requirements*.

If you have customer owned, buried natural gas piping on your property to an appliance (such as a pool, hot tub, or natural gas barbecue), or detached building, that piping is not maintained by PSE. Since unmaintained buried piping may leak or corrode over time, it should be periodically inspected and repaired by a licensed plumbing contractor.

Before excavating, Washington law requires you to call **811** to locate underground utility lines. PSE locates and marks its own lines for free. Locating buried utilities will enable you to avoid potential injury, fines, costly repair of PSE utility facilities, and electric or natural gas service disruptions. Call **811** two full business days prior to digging. When you call, an operator will record information about your dig and notify affected utility companies, including PSE.



■ FIGURE 2

- Ground wires shall not be connected to any PSE materials.
- Metal underground gas piping and natural gas risers, up to and including the meter, shall not be used as a grounding electrode.
- The customer fuel line shall be bonded to the grounding system or the appliance served. It is a National Electric Code (NEC) violation and safety issue to ground to the gas utility system.
- The ground conductor shall not be connected to PSE locating wire(s).
- If ground rods are required, such as for a remodel, they shall be no closer than 12 inches from gas utility service lines.
- The NEC requires that interior metal piping (such as customer fuel lines) that may become energized, be electrically grounded. However, the NEC prohibits grounding connections to the underground gas metal piping systems (such as PSE steel service lines), because of the interference to the necessary cathodic protection that PSE installs. PSE's meter set assemblies include insulating fittings, so proper electrical grounding of the customer's fuel line does not affect PSE's cathodic protection.

## Adding load for existing customers

Please inform PSE of your estimated natural gas load and pressure requirements before adding or upgrading gas fuel line system. Existing customer owned fuel lines may be undersized and need to be replaced if load is being added. Some appliances (such as on-demand (tankless) water heaters, natural-gas-fueled standby generators, boilers, and process equipment) require higher gas delivery pressure or increased gas load. Before installing any of these appliances, contact PSE for a review of your natural gas service and meter so that upgrades can be cost-estimated and made if required. Potential costs associated with the service line and or meter alterations are the responsibility of the customer.

For information on your gas meter size and capacity, please contact PSE's Customer Construction Services (CCS) representative at **1-888-321-7779** to discuss the project details. They will direct you to the appropriate resources to complete your project. Additional information can be located at [pse.com/customerconstruction](https://pse.com/customerconstruction).

Thank you for making PSE your energy provider of choice.

