

Excess Flow Valve (EFV) Customer Notification

Required by 49 CFR 192.383(e)

Background

The Chambersburg Gas Department has, where applicable, installed EFVs on new service lines for over 12 years. This notification regarding EFVs is for customers with services, at-or-below 1000 cubic feet per hour, installed prior to 2004 in our intermediate pressure system.

EFV Information

You may request that the Chambersburg Gas Department install an excess flow valve (EFV) on the gas line to your property. EFVs are mechanical shut-off devices that can be installed in the gas pipe running to the gas meter at your property (the "service line"). An EFV is designed to shut off the flow of natural gas automatically if the service line is broken open, for example, by an excavation accident. Stopping the flow of gas from a broken service line significantly reduces the risk of natural gas fire, explosion, personal injury and/or property damage. Our leak surveys and corrosion surveys involve all the pipe in our system. One of the main causes of leaks in distribution systems is damage from digging, also known as third-party-damage.

EFVs are not designed to close if a leak occurs beyond the gas meter (on house piping or appliances). EFVs also may not close if the leak on the service line is small.

If you add additional gas appliances, for example, a pool heater, emergency generator, etc., the additional gas flow may cause the EFV to close.

Where EFVs are Not Installed

EFVs cannot be installed on your service lines if:

- The service line does not operate at a pressure of 10 psig or greater throughout the year;
- The EFV could interfere with proper operation or cause loss of service;
- An EFV could interfere with necessary operation or maintenance activities; or
- The capacity of the meter on the service line exceeds 1,000 cubic feet per hour

If you request an EFV we will inform you if your service line cannot accommodate an EFV.

EFV Complications

EFV replacement may be necessary if you add additional gas appliances, such as a pool heater or emergency generator that exceeds the capacity of the EFV.

EFV replacement may be necessary if the EFV malfunctions (sticks open or closed). Industry experience is that EFVs rarely malfunction.

Cost Information

If an EFV is installed at your request, you will be billed to cover the cost of EFV installation, maintenance, removal, or replacement. The charge for customer-requested EFV installation, maintenance, removal, or replacement, is as follows: On Borough streets \$1225; on State streets \$1425.

EFV Diagram

