



Excess Flow Valves

Available for installation on natural gas services that deliver 10psig or above, 2” service or below in size, and delivering under 1,000 cubic feet an hour. You may request that Philadelphia Gas Works install an excess flow valve (EFV) on the gas line to your property.

Potential benefits of Excess Flow Valves (EFVs)

EFV is designed to shut off the gas automatically if the service line is severed.

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 stop the flow of gas if the service line is broken, 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.

What won’t an EFV do?

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.

What if a customer adds additional load?

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

How much does an EFV installation cost?

You will be required to pay the EFV installation. The average installation is typically \$1,050 to \$1,500, but may vary depending on the difficulty of the installation.

The cost will be provided by PGW prior to the customer deciding to install the EFV.

Due to operating characteristics and limitations, in some instances, excess flow valves cannot be installed. Each situation will be evaluated upon request.

How much does an EFV replacement cost?

- If it becomes necessary to replace a defective EFV on a customer’s service line, PGW will replace the EFV at no charge to the customer.
- If it becomes necessary to replace the EFV due to an added load, the customer would be required to pay the replacement charge.

If you are interested in having an EFV installed or require more information, please contact Philadelphia Gas Works Monday thru Friday between 7 a.m. and 3:30 p.m. at 215-787-4867.

