

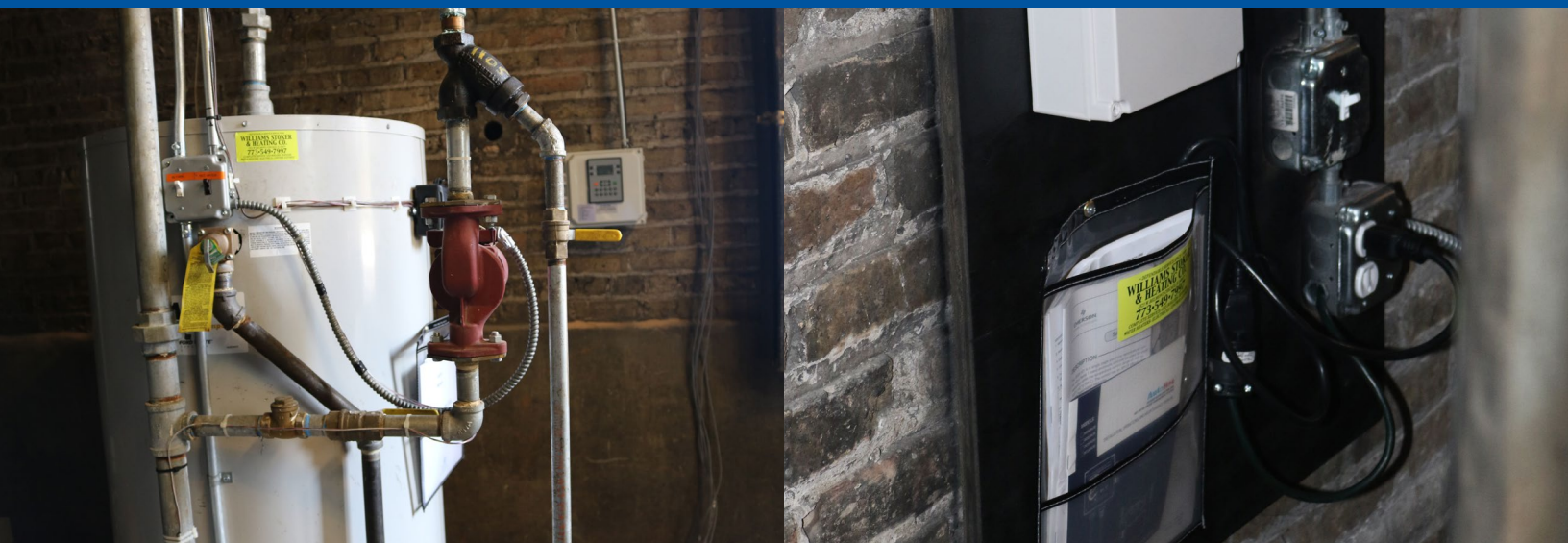


Demand-Controlled Domestic Hot Water

Breaking down the benefits

Check out the top three reasons you should set up demand control.

1. Saves natural gas.
2. Saves water and electricity.
3. Extends the life of the recirculation pump and the domestic hot-water heater.



What you need to know



Typical systems

Typical domestic hot-water recirculating pumps operate 24/7 in order to provide hot water to tenants' water fixtures. As hot water is recirculated throughout the building, whether needed or not at the time, it loses some of its heat energy before returning to the storage tank. The constant return of water that is cooler than the water in the storage tanks activates the burner on the domestic hot-water heater, utilizing additional energy.



How controllers work

Demand-controlled domestic hot-water pumps reduce the run time of pumps to only satisfy the building's domestic hot-water needs. The pump activates when the water temperature in the recirculation lines drops below a prescribed temperature and tenant demand is sensed via water flow in the recirculation line. For example, the pump will turn off in the middle of the night when residents are not using water; however, the controller will occasionally simulate demand overnight to make sure hot water is available in the morning.

What you can do

Take advantage of rebates

In addition to saving energy and money, the Peoples Gas and North Shore Gas Energy Efficiency Programs can help make a project that much more affordable with energy efficiency rebates. View the Prescriptive Rebate Application available online for more information.

Visit PeoplesGasDelivery.com/Savings and NorthShoreGasDelivery.com/Savings to apply for rebates.



For more information or to take advantage of available rebates, please call us at 855-849-8928.