



# WATER LEAKS



**COMMERCIAL AND INDUSTRIAL  
ENERGY EFFICIENCY**

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In addition to saving energy, reducing losses has several benefits, including:

## Overview

Many municipalities and industrial customers use a lot of water, and it often takes a lot of energy to pump and pressurize it in a distribution system. Since water is available continuously, and we expect it to be there when we need it, the equipment used to deliver it runs continuously.

Water leaks can be found by reviewing water production compared to water use, exploring if pumps are on but there is no demand, or by using hydraulic modeling and/or leak detection equipment. You can help reduce water leaks by replacing leaky pipes, fixing leaky storage tanks and lowering pressure.

## Incentives

Idaho Power offers an incentive as part of the Commercial and Industrial Energy Efficiency program for leak assessments and repairing underground pipes for municipalities and industrial customers to help reduce losses. Contact your Idaho Power energy advisor to get started!

**Idaho Power offers a custom incentive of \$0.18 per kWh of estimated first year savings, up to 70% of the eligible cost** to repair the leaks found with a leak assessment for eligible underground pipes.

**Idaho Power's custom incentive covers \$1,000 per 5 miles of pipe for a third-party leak assessment.** A third-party assessment is not necessary if the customer has their own equipment. The program will not incentivize leaks found without a leak assessment.

**Customers are required to provide the following information to receive an incentive:**

- Description of each leak type (crack, fitting, service, pin hole, etc.) with a photo of the damaged piping, if possible. A photo showing a ruler next to the hole is preferred but an estimate of the size of the hole can be used if needed. Estimate the size of the hole, if needed.
- Electric use as well as flow and pressure data from the pump station or zone serving the distribution piping where the leaks were identified.
- A copy of the results of the leak survey and the associated invoice for the service if completed by a third party.
- Cost information
  - Labor costs in the form of hours spent on each repair and an hourly labor rate.
  - Material costs in the form of invoices for materials. If materials are taken from a larger inventory, an invoice representing the unit cost for the individual parts is needed.
  - Equipment use costs.
  - Invoices for permitting fees.

- Water purchased as well as operations and cost reductions
- Reduced potential physical damage from sinkholes, erosion and flooding
- Deferred water supply expansion
- Improved economic development
- Increased knowledge of the distribution system
- Reduced customer service disruptions

*"Our leak detection surveys help identify small underground water leaks that have not yet surfaced and could lead to significant increases in wasted energy and/or catastrophic failure. The program has been such a success that the city recently invested in additional leak detection equipment for self-performing assessments."*

**Justin Armstrong**  
Water Superintendent  
City of Pocatello

## Contact

Call our **Custom Projects Team** at 208-388-5099.

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Visit [idahopower.com/customprojects](http://idahopower.com/customprojects)

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