

Eligible Direct Install Measures



As an added benefit for customers participating in the Commercial Prescriptive Equipment Rebates or Commercial Custom Incentives Programs, New Mexico Gas Company offers direct installation of select no-cost natural gas and water saving measures to further boost the energy and cost savings of your energy efficiency project. Items commonly include high-efficiency faucet aerators, pre-rinse spray valves, weatherstripping, resource-efficient showerheads and more. Paired with custom or prescriptive improvements, these measures could increase your project's energy savings by hundreds of dollars per year.

AERATORS



Resource-efficient aerators reduce water use in bathroom and hand-washing faucets by approximately 50 percent. Resource-efficient aerators introduce air into the water stream in order to maintain the same effectiveness at lower water use rates. Aerators are available with flow rates as low as 0.5 gallons per minute (gpm), compared to a federal minimum of 2.2 gpm.¹

- **IDEAL** for prisons, dormitories, commercial buildings and schools that have shared hand-washing facilities, as well as hospital patient rooms and nursing homes.
- **NOT SUITABLE** for commercial kitchen sinks (other than hand-washing sinks) due to the large amount of water needed for cooking purposes.

PRE-RINSE SPRAY VALVES

Pre-rinse spray valves offer big opportunities to save as they typically use a lot of water and gas, which is greatly remedied by the installation of a resource efficient device.² They can be a highly cost-effective way to reduce natural gas and water costs in both retrofit and new construction projects.³



Utility Savings With Resource-Efficient Pre-Rinse Spray Valves

Daily Hours of Use	Daily Water Savings (gal)	Daily Sewer Savings (gal)	Daily Gas Savings (therms)	Annual Cost Savings
1	60	60	.5	\$90
2	120	120	1	\$180
3	180	180	1.5	\$270

ENERGY-SAVING POSSIBILITIES

- Resource-efficient water devices reduce water use without affecting the end-user's experience. This means less water is being heated, which in turn lowers natural gas use. This can mean great energy and cost savings, particularly in settings such as hospitals, nursing homes, prisons, dormitories, hotels and schools.
- Dishwashing in a typical restaurant consumes more than two-thirds of the total water used. In some cases, nearly one-half of this water is used by an inefficient pre-rinse spray valve.⁴
- Upgrading to an efficient pre-rinse spray valve can yield average annual natural gas cost savings ranging from \$85 for restaurants to \$240 for institutional facilities, such as hospitals and nursing homes.

RESOURCE-EFFICIENT SHOWERHEADS



The most common type of energy-efficient showerhead is the aerating showerhead, which mixes air with the water. Non-aerating showerheads use pulses to keep the stream strong while maintaining a constant temperature.

These devices can have flow rates as low as 1.3 gpm, much lower than the federal minimum flow rate of 2.5 gpm.¹

AIR INFILTRATION

Garage and bay door weatherstripping and sealing allows your HVAC system to work more efficiently by keeping conditioned air in and outside air out. This can help your business:

- Save on energy costs
- Increase comfort in your facility
- Boost productivity in your workplace
- Reduce sound pollution



HOW TO PARTICIPATE

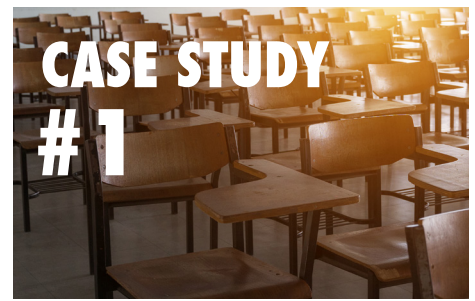
1. It's easy. Email NMGEfficientBuildings@clearesult.com or call 575-249-1428 to sign up for direct installation services, as well as commercial prescriptive equipment rebates or custom incentives.
2. Work with the Program Administrator to formally identify energy efficiency project opportunities, quantify prospective energy savings and schedule installation.
3. Have measures installed in your facility or multiple facilities and start saving energy, water and money right away.

¹ Many showerheads and aerators have the flow rate etched into the device.

² A federal standard requires all pre-rinse spray valves manufactured after January 1, 2006 to have a maximum flow rate of 1.6 gpm. However, older pre-rinse spray valves in existing facilities could be using as much as 5 gpm.

³ Pre-rinse spray valves may not work well in facilities with water pressures greater than 85 psi or less than 40 psi, based on CEE Program Guidance and performance data from the 2005 Waterloo pilot study.

⁴ CEE Commercial Kitchens Initiative Program Guidance on Pre-Rinse Spray Valves, cee1.org/com/com-kit/prv-guides.pdf

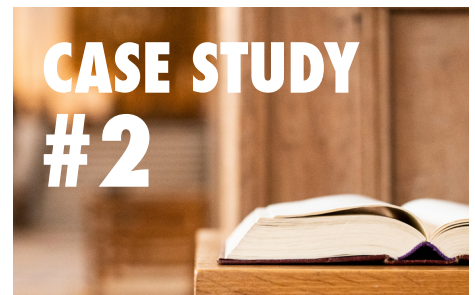


FACILITY TYPE: Elementary School

- 0.5 gpm aerators installed: **49**
- 1.5 gpm showerheads installed: **1**
- Feet of exterior door weatherstripping: **258**
- Annual natural gas savings: **2,551* therms**
- Annual water savings: **160,807* gallons**
- Annual gas cost savings: **\$1,403****

*Estimated savings

**Estimated savings based on \$0.55/therm cost



FACILITY TYPE: Commercial Assembly

- 0.5 gpm aerators installed: **128**
- 1.5 gpm showerheads installed: **30**
- Feet of exterior door weatherstripping: **301**
- Annual natural gas savings: **7,320* therms**
- Annual water savings: **1,693,023* gallons**
- Annual gas cost savings: **\$4,026****

*Estimated savings

**Estimated savings based on \$0.55/therm cost

LEARN MORE: Contact us at NMGEfficientBuildings@clearesult.com or 575-249-1428 for more information on the right direct install devices for your facility, or visit newmexicoefficiency.com to learn more about New Mexico Gas Company's Commercial Efficiency Solutions.