

"The ability to keep the temperature constant and work under non-flickering LED lights set to a warm temperature creates a comfortable daily environment for our staff. These upgrades dramatically lower our energy consumption and reduce costs."

- Travis Chun
Director of Operations, MGM Solutions



INNOVATIVE SOLUTIONS



For over ten years, Bellingham's **MGM Solutions** has been providing business automation solutions to companies nationwide through their website, posguys.com. From restaurant point of sale systems to barcode-driven inventory control systems, MGM Solutions provides customers with personalized tools to meet business objectives. Owner Shad Malone, and Director of Operations, Travis Chun, came to the Community Energy Challenge (CEC) looking to expand their operation into a larger office, but wanting help to make the building as energy efficient as possible.

An energy assessment by the CEC revealed that the 4,800 sq. ft building could benefit from several efficiency measures. The first step was figuring out an HVAC system for a space that was converting from a warehouse to offices. The CEC was able to provide advice, project management and a \$4,750 incentive to have a ducted dual fuel heat pump installed by Feller Heating and Cooling.

Next, with the help of 2020 LED Lighting, MGM Solutions improved efficiency and light quality by installing LED light panels. An innovative agreement with MGM's tenants, Everybody's Gym, allowed the gym to also reap the benefits of the LED lighting retrofit. The two businesses are expected to save \$4,900 per year on their electric bills. With rebates from Puget Sound Energy and the CEC, 50% of the upfront costs of the lighting retrofit were covered. Using tunable LED lights in some places, MGM Solutions is able to change lighting color throughout the day which has been shown to have health benefits.

Down the road, MGM Solutions hopes to be able to use some of the savings they've accrued on their utility bills to help finance a Solar PV system.

The Community Energy Challenge is reducing NW Washington's energy consumption by helping homes and businesses find smart, simple ways to save. Currently operating in Whatcom, Skagit, Island, and San Juan counties, the program creates green jobs in our community while making energy efficiency more accessible and affordable than ever before.

Energy Saving Measures

- Occupancy sensors in private offices and restrooms
- Tunable LED fixtures
- Ducted dual fuel heat pump with economizer
- Upgraded floor insulation
- Installation of under counter instantaneous water heaters
- Installation of double pane windows



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