

## Jim's Automotive Machine Shop

Gill, CO

### Background Story:

Jimmie Wolfrum, the owner of Jim's Automotive Machine Shop first contacted Bill Brayden, President of Brayden Automation, in 1997 to find a solution for staying under 25KW demand, the threshold between Xcel Energy's "C" Small Commercial and "SG" Medium General Service rates. At the time, Jim's Automotive Machine Shop was located in Greeley, CO. Jimmie had been working with several electricians to stay under the 25KW demand threshold, but "all of their suggestions were complicated." His brother-in-law referred him to Brayden Automation and suggested their demand controllers. Bill Brayden decided the 9388B was the best option to control Jimmie's loads and keep his peak under 25KW.

Jimmie has since moved his company to his home in rural Weld County near Gill, CO. To insure continued savings, Jimmie moved the demand controller to his new location. The 9388B controls seven main electric loads: the residential clothes dryer, an air conditioner/heat pump, a 10KW three-phase bake oven, a small 5 hp jet wash cabinet, a large 10 hp jet wash cabinet, (both used to clean engines and other engine components), an airless steel shot blaster, and a 10 hp air compressor.

At the previous location, Jimmie was saving significant amounts of money on his electric bills by being able to stay under the 25KW peak demand. At the new location, Jimmie only needs to stay under 37 ½ KW to remain on the small commercial rate. The demand controller is now used more as a safety net keeping them within their demand range. Currently, by changing to a time-of-use electric rate, Jimmie is saving an additional 10-15% on his electric bills by using the 9388B to control when certain electrical loads can be operated.



### Client Comments:

*"It's been wonderful; it's been everything Brayden Automation promised it would be. I wish everything worked as well as this does! I would definitely recommend Brayden Automation's demand controllers. There have never been any problems with the controller. Anytime there was an issue, it was usually on our end, and Bill was right there to help us figure it out and it's very easy to use. It takes some time to figure out exactly what loads you want to control, and to set it up. But once it's set up, it takes care of itself?"*

Jimmie Wolfrum  
Owner



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Energy more Efficiently*