

Journey Church of Windsor Windsor, CO

Background Story:

Brayden Automation was contacted in the Fall of 2009 by Pastor Steve Elmore from Journey Church of Windsor, located in Windsor, CO. He was referred to us by the local utility, Poudre Valley REA, in hopes of lowering their electric bill by using demand management.

After some research, President Bill Brayden found that they could save the most money by getting on the Energy Time-of-Use Rate. To drop to this rate, they would need to stay under 37.5KW every month. He found that 70-80% of their electric use occurred during the Off-Peak periods designated by this rate, meaning this was a great opportunity for them to save money.

In addition to capitalizing on the Time-of-Use Rate, Journey Church of Windsor's building is equipped with an ideal combination of controllable electric loads. They have 5 electric heat loads and 6 air condition units, two of which are 2-stage compressors. Having controllable electric loads for both heating and cooling is optimal because it allows for year-round control during all seasons. This increases the likelihood of staying under the 37.5KW threshold while continuing to maximize savings throughout the year.

Journey Church of Windsor is now saving around \$6,000 per year on their electric bills. On average they have cut their monthly bill by 44%, all by using a 9388B Energy Sentry commercial demand controller.



Client Comments:

"We are thrilled with the savings we are seeing on our electric rates. Thank you again for all that you did to help us."

Pastor Steve Elmore
Journey Church of Windsor

