

U.S. General Services Administration



Federal Building 67, Denver Colorado

Project Type: Power Quality Improvement
Project Size: 1 Unit
Project Cost: Equipment Testing
Date: April 2013
ROI: N/A

Accentz Inc provided the GSA with the MPTS-100. Requirements included pre-installation meetings, site inspection, Installation and M& V. The purpose was to conduct a 2 month study while MPTS was applied to a chilled water circulating pump. The study documented data with MPTS connected and when MPTS was disconnected

The summarized results of the data recorded from the data-logging process for the chilled water pump-set at Building #67 are as follows:

- The electrical current consumption decreased from 52 amps to 41 amps; a savings of approximately 18 percent
- The estimated total electrical energy savings is equal 6.5 KWs
- The estimated annual total electrical energy savings an average of 21,590 KWHs
- The estimated annual dollar savings is \$2,159.04 average (50 percent utilization of MPTS)
- The efficiency (PF) improved from 0.81 to 0.98

Reference:

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