



## Turn Key Services drive energy and time savings for youth services organization



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Mary Hartman  
St. Paul Youth Services  
building committee member

Converting a 1960s call center office space to an office and education center for St. Paul Youth Services presented a challenge that called for expert help. After receiving several energy audit proposals, the right recommendations came along when the building committee met with Xcel Energy.

Xcel Energy's Turn Key Services proposed to offer more than just an energy audit. After conducting an ASHRAE Level 1 Assessment, Xcel Energy identified energy-saving measures and equipment upgrades, and supported St. Paul Youth's building committee with the implementation.

### More than an assessment

Xcel Energy's dedicated Turn Key Services implementation specialist managed contractors and navigated the rebate process to ensure St. Paul Youth Services received five rebates totaling \$20,414, which included a 30% Turn Key bonus rebate.

"As a building committee, we kind of knew what we wanted to upgrade, but after the assessment, learned we didn't know everything that could be done to improve efficiencies. We liked how helpful Xcel Energy's representative was at explaining everything, guiding the paperwork and giving direction to our contractors," said Mary Hartman, building committee member.

In addition to equipment upgrades to high-efficiency systems, Xcel Energy identified a way to retain existing overhead lighting fixtures retrofitted with indirect fluorescents that produced less heat and added comfort.

According to Xcel Energy's implementation specialist, St. Paul Youth Services was an ideal candidate for Turn Key Services. After identifying several key improvements that would provide them significant control and electricity savings, they received contractor coordination and guidance since they did not have experience managing contractors.

Financial Snapshot	
Xcel Energy Rebates	\$14,689
Turn Key Services Bonus Rebates	\$5,725
<b>Total Rebate</b>	<b>\$20,414</b>
Estimated Annual Electric Cost Savings	\$4,596
Kilowatt Hours Saved	41,813
Estimated Annual Gas Cost Savings	\$3,109
Therms Savings	4,589



### Turn Key Services project summary

- Added vending machine occupancy controls
- Replaced T12 and T8 lighting with low-wattage 25W T8 lighting
- Installed occupancy sensors
- Upgraded to ENERGY STAR® refrigerator
- Upgraded to high-efficiency air cooled condensing unit
- Upgraded to high-efficiency condensing boiler with indirect storage tank
- Implemented a Building Automation System (BAS)

### Additional technology perks

Upgrading with efficient cooling and heating equipment, sensors and controls technology, St. Paul Youth Services has recognized the contributions of the time-saving and convenient aspects of its energy improvements:

- Occupancy controls were added to restrooms and offices to minimize energy usage in light occupancy areas.
- Building Automation System implementation and training gave control of air handling and staging during off hours.
- Replacing an old boiler system to a high-efficiency condensing boiler eliminated monthly maintenance calls and disruptions in the middle of the night.

"After we researched three to four energy audit agencies, we were glad to learn about Turn Key Services recommended by Xcel Energy which had all the things we needed, including financial rebates and a Turn Key bonus that we were able to apply to equipment costs," Hartman adds.



### Turn Key Services program provides full-circle solutions

The Turn Key program offers a full array of services to help you identify and/or implement energy efficiency projects.

- Sign up to receive an ASHRAE Level 1, on-site assessment that identifies energy efficiency opportunities in your facility. You'll receive an in-depth report that outlines the improvements you can make to conserve energy and save money.
- The improvements identified in your assessment qualify for a 30% rebate bonus\* when you implement within a year of the assessment approval.
- Take advantage of free implementation services that can help you prioritize projects, obtain management approval, evaluate proposals, and coordinate and verify project information. The goal of this service is to give you the support you need to help you implement conservation projects whether you've had an assessment or not.

\*Restrictions apply. See Turn Key application for details.

To find the best assessment fit for your commercial energy projects or to obtain free implementation support, contact your account manager or one of our energy efficiency specialists by calling 855.839.8862 or visiting [xcelenergy.com/TurnKey](http://xcelenergy.com/TurnKey).