



Engineering & Property Management Sustainability Newsletter

2nd Quarter FY 2016

IN THIS ISSUE: Energy Heroes



David Miller
Energy Manager

Every Year, Energy Manager David Miller works with Duke Energy to run a rate analysis of the electrical accounts for all City facilities. David uses this information to identify potential accounts that can be opted out of energy efficiency riders.

The riders are included if energy efficiency projects are planned for facilities. If they are not planned, opting out of the riders proves more of a savings than remaining opted in. This year, David helped City departments save close to \$850K through Opt out.

Rate Analysis

\$849,290
Year Operational/Energy Savings



The City has 5 Energy Star certified buildings which are CMGC, Old City Hall, Spratt Street, Charlotte Water Brookshire Main Building, and Landscape Management. Every year, all five have to apply for recertification through Energy Star. If the Energy Star score is lower than 75, the building loses its certification.

The Building Services division of E&PM strives to ensure every facility performs energy efficiently. Laurie Sickles submitted all five buildings for recertification at the end of October. A few weeks later, all five came back recertified.



Laurie Sickles
Assistant Building Services Manager

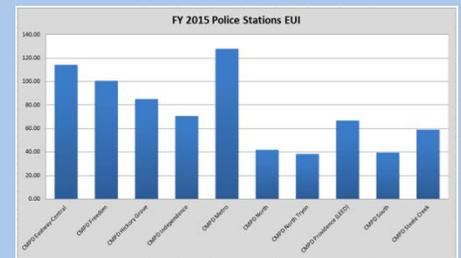


Clyde Bower
Software Developer

Building Services has been working with a dated utility/energy management software that is excel based. This software analyzes the energy efficiency of facilities that building services manages. Select employees of building services have reached out to Clyde Bower to help create an updated version of this software using SQL.

Clyde has proven to be an extraordinary resources to building services and with his in-house programming expertise, he has saved building services at least \$100,000 in avoided cost had building services outsourced the development of the SQL EASY software.

EASY SQL Development



\$100,000
Estimated Avoided Cost