

Utility Tracking, Demand Reduction, and Sustainability Dashboards

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Submitted by:

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Background Statistics / Progress to Date

- General Fund utilities in 33 buildings and 500,000 sq ft
- Water budget of \$185,717
 - Conservation efforts have reduced use 55% since 2000
- Natural Gas budget of \$314,200
 - Conservation has reduced use 22% since 1992
- Electricity budget of \$694,417
 - Conservation has reduced use 32% since 1992
- PV systems at Municipal Service Center and Bennett Valley Golf Course clubhouse
- Cogeneration plant at Finley Swim Center, heating the pool and providing electricity to the Finley Center complex
- Solar hot water systems at Police Department and Fire Station 1
- City Hall and Municipal Service Center South are Energy Star rated buildings



Energy and Utility Usage Tracking / Barriers

- All large General Fund utility bills are entered into EnergyCAP for tracking, and accounting system for payment
- Accounting and admin staff keep numerous Excel spreadsheets to analyze trends, project future use, allocate utility payments between various departments, and determine energy savings from specific projects
- Energy generation is tracked through vendor-supplied meter and on line control system
- City does not have ability for electronic payment of utility bills

Major Barriers and Challenge

- Lack of staff and resources

