

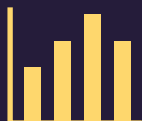
TUCSON TWO-STEP

City's Energy Management Software Implementation Reveals Issues & Opportunities

Tucson, AZ wanted to set energy performance goals for its 4,000+ employees, but the number and complexity of the City's energy and resource tracking processes was a problem without a tracking tool.



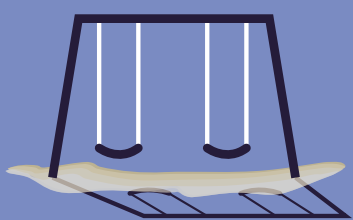
The City's natural gas bills were being hand-keyed into the database, leaving significant potential for error.



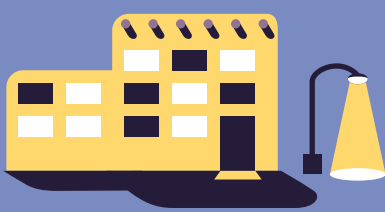
A limited data set was being tracked, which only represented a small portion of the City's overall utility spend.

An internal review of utility accounts with every stakeholder department yielded surprising results

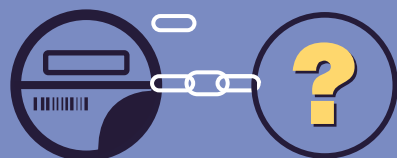
The Fire Department was paying bills for energy consumed by the Parks department.



Tucson was still paying a lighting bill for a property that had been leased years ago.



There was a lack of awareness about each department's meters and which assets they were linked to.



This knowledge gap made it impossible to target energy savings efforts.

ENERGYCAP®

Came highly recommended and could supply the City with all needed services. Though implementation was challenging, the benefits are already apparent:

Energy Awareness

The system has elevated awareness of the deficiencies of the City's legacy utility management practices.

Accounting

EnergyCAP's reporting capabilities are now used to help inform building occupants of their consumption levels.

Process Efficiency

This process saves many hours of staff time and reduces the chance of bill entry errors.

Bills are now imported into EnergyCAP, which performs bill splits.

Stakeholder Involvement

Internal stakeholders can log into the software to track their own bills and achieve energy management goals.

The City found creative ways to automate internal tracking and billing for their complex solar program.

15 city facilities

are accurately managed using EnergyCAP.

With EnergyCAP, Tucson expects to save A/P time of **20 hours each month.**

Identifying two problem buildings is helping to save **\$8,000 each month.**

The City's energy manager believes that the EnergyCAP implementation was key to already identifying energy issues and is committed to making EnergyCAP the central hub for the City's energy management program.

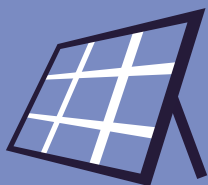
The City is tracking **900+ buildings** and **4,000+ meters** including:



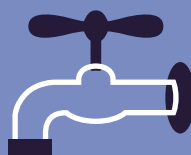
2,692
Electricity



1,163
Natural Gas



15
Solar



7
Chilled/Hot Water



200 Refuse
(coming soon)

