



Mayor Robert E. Simison

City Council Members:

Luke Cavener

Liz Strader

Brian Whitlock

Doug Taylor

John Overton

Anne Little Roberts

TO: City Council
Robert Simson, Mayor

FROM: Laurelei McVey, Public Works Director

DATE: 05/05/2026

SUBJECT: City Wide Energy Study and Plan Update

REQUESTED COUNCIL DATE: 06/02/2026

I. RECOMMENDED ACTION

- A. No required action at this time
- B. Seeking consensus on how to seek future funding for energy efficient upgrades within the budget process

II. BACKGROUND

The City received grant funding from the U.S. Department of Energy's Energy Efficiency and Conservation Block Grant (EECBG) to complete a Citywide Energy Study and Strategy Plan.

The study aimed to build an understanding around current energy use and greenhouse gas (GHG) emissions within City operations (City buildings, fleet, parks, streetlights, utilities). This serves as a foundation to understand current use, identify likely areas for improvement, and monitor future progress.

The study developed a framework for identifying cost effective (quick return on investment) energy efficient projects that are ready for near term implementation. The study also identified longer term initiatives and actions that may not have near-term ROIs but should be evaluated upon opportunistic replacement of assets or building remodels.

III. OUTCOMES

The projects identified in the plan were grouped into tiers to aid in implementation planning. If all tier 1 and tier 2 projects are completed, the City can potentially save \$1.6M and avoid 7% additional energy usage over the next 20- years.

Since these projects were identified and evaluated at a high level for planning purposes, the intent would be to evaluate each project further to confirm costs and savings before implementing. Since no additional FTEs or labor was assumed, we will need to balance new projects with existing staff workloads.

IV. NEXT STEPS AND RECOMENDATIONS

Goals for FY27 include:

- Development of an energy tracking database
- Evaluation of ongoing operational procedures/practices to improve or include energy efficiency measures (purchasing, building controls, design standards, etc)
- Training of all City staff on energy efficient behavioral opportunities and projects
- Evaluation and implementation of viable Tier 1 projects

Tier 1 Initial Capital Costs- One Time (Estimate)	Annual Savings (Estimate)	20 Year Savings (Estimate)
\$53,500	\$39,590	\$791,800

Example Tier 1 Projects:

- Smart Power Strips
- City Hall Fountain Schedule
- Server Room Temperatures
- Daylighting Controls (CH Lobby)
- East Facing Window Tinting
- Standardize Space Heaters
- Controls to Sally Port Exhaust
- Air Seal Doors
- Commission/Reset/Check HVAC Controls
- Commission/Reset/Check Thermostats
- Interlocks to Bay Doors
- Switch Labeling
- Winterize Unoccupied Buildings
- Cover Pool At Night
- Turn Down Pool Heating
- Consolidate Meters At Homecourt
- Door Weatherstripping