



Sustainability Roadmap

1. City Facilities' Utility Costs and Savings

Objective: Reduce City Costs for Electric, Natural Gas, Water, Sewer

Milestones:

1. Calculate Baseline Consumption
 - a. Review utility bills internally
 - b. Engage energy advisor to review
2. Find savings
 - a. Potentially bid supplier contracts
 - b. Participate in programs such as demand response
 - c. Determine if demand charges can be reduced through alternative strategies
 - i. Battery storage
 1. Cost/benefit analysis
 - ii. Shifting timing of demand
 1. Engineering study

Metrics:

1. kWh consumed
2. Therms consumed
3. Gallons consumed
4. Total costs/unit costs

2. Energy Conservation Measures for City Buildings

Objective: Increase efficiency and reduce costs

Milestones:

1. LED lighting retrofit
 - a. Interior/Exterior
 - i. Determine cost/benefit
 - ii. Bid/Choose vendor
 - b. Streetlight
 - i. Determine First Energy options
 - ii. Investigate alternatives if necessary

2. Building Upgrades
 - a. Based on URS study
 - b. Subject to funding

Metrics:

1. Same as above

3. Alternative Fuel Options for City Vehicles

Objective: Reduce fuel consumption for cost and greenhouse gas savings, reduce vehicle maintenance costs

Milestones:

1. Implement idle reduction program
 - a. Pilot program with vendor
 - b. Identify eligible vehicles
2. Increase use of electric vehicles
 - a. Station/fueling costs too high for propane, natural gas, hydrogen
 - b. Complete fleet study to determine highest return
 - i. Funding required for study

Metrics:

1. Fuel savings in gallons and dollars
2. Number of electric vehicles in the city fleet

4. Internal City Green Team

Objective: City staff involvement, buy-in, and attraction and retention

Milestones:

1. Survey city staff for input
 - a. Create survey and distribute
2. Increase waste diversion
 - a. Implement compost program, increase recycling
 - i. Determine locations, funding
 - b. Reduce waste opportunities
 - i. Can city processes be adjusted?
 - c. Purchase from zero waste businesses
 - i. Use city's buying power to accelerate change
3. Aspire to zero waste
 - a. Events, city purchasing

Metrics:

1. Set by staff priorities

5. Solar Power Generation on City Owned Vacant Lots

Objective: Solar demonstration project

Milestones:

1. Determine feasibility and economic structure
 - a. Funding
2. Determine location
 - a. Vacant lots may not be ideal initial site
3. Select installer
4. Complete installation

Metrics:

1. Feasibility completed
2. Installation completed

6. Other Green Initiatives

Objective: Respond to opportunities outside initial scope

Milestones:

1. Certify under the USGBC LEED for Cities Program
 - a. Grant received

Metrics:

1. Certification Achieved

7. Liaison to Committee and Green Team

Objective: Provide staff support to the Sustainability Committee and city Green Team

Milestones:

1. Create agenda for committee meetings
2. Produce minutes of committee meetings
3. Respond to committee requests
4. Initiate city Green Team

Metrics:

1. Agendas/minutes submitted
2. Green Team formed