



Sustainability Projects

Presented by

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Environmental & Energy Stewardship

Vision: High quality
air, water, farmland
and renewable
energy for future
generations.

Reduce greenhouse
gas emissions

Preserve farmland
and environmentally
sensitive tracts

Strategic Plan

Goals and Policies

- Resolution: 100% Renewable: internal 2030; community 2042
- High Performance Facilities: LEED Gold for all new construction and major renovations
- Sustainable Fleet Policy and Resolution
- Solar on Schools Resolution



Ongoing Projects

Energy Efficiency (internal)

- Continual efforts to improve efficiency, reduce consumption
- LEED Gold standard, renovation, consolidation, elimination of facilities

Solar on public buildings

- 41 total projects (16 County); ~6MW
- 3 energized, 5 others substantially complete

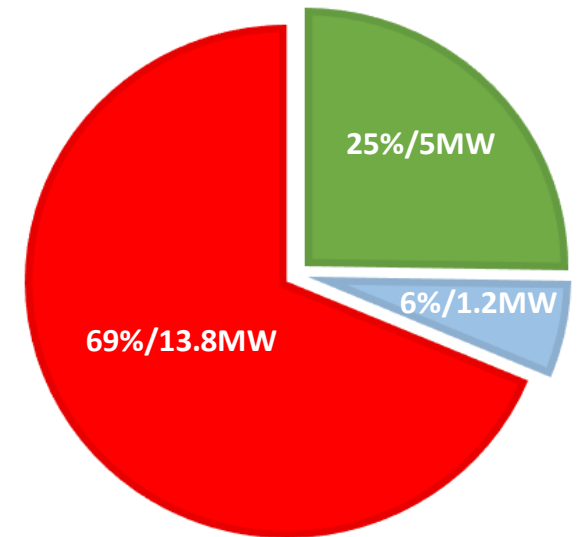
Weatherization/Efficiency Upgrades (LMI)

- Energy Saver Network (goal of 100 homes annually)
- Solarize: Neighbor to Neighbor Solar program

Cities Initiative/ Duke Climate Collaborative/SSDN

- State and Utility level discussions and advocacy

■ Woodfin Landfill ■ Rooftop Solar Projects ■ Left to complete



Upcoming Projects

Solar on schools

- Design contract has been executed; structural contract underway
- 24 sites initially identified by BCS; other sites TBD
- CIP Placeholder has been requested

Vehicle Evaluation Team

- Vehicle requests evaluated; 6 EVs recommended in FY23 CIP
- EVSE charging requested for FY23 in CIP

EVSE Mapping project (LOS and COA)

- Collaboration with City and Land of Sky to develop EV mapping tool
- Anticipation of IJA funding potential; useful community tool

