Kambiz Agazi March 19, 2015

Structure: Categories  Goals/Strategies  Actions.Categories and sub-categories organize the document.  Broad goals/strategies will be listed under each sub-category.  Specific actions will be listed under each goal. For example, Built Environment and Infrastructure is a category. Location is a subcategory.

1. **Built Environment & Infrastructure - category**

* + **Location - subcategory**
    - Goal: Site new facilities to maximize energy and transportation efficiencies and renewable energy opportunities where practicable.
      * Action: Update comprehensive plan to include energy and transportation efficiencies as a factor in public facility siting decisions.

* + **Design & Construction**
    - Goal: Incorporate green building concepts in public facility design that will have energy conservation and efficiency benefits.
      * Action: Pursue LEED silver or higher or equivalent.
      * Action: Pursue at least half of the energy optimization credits possible within the LEED certification program.
      * Action: Design facilities to earn Energy Star, where applicable (not inclusive list)
      * Action: Orient public facilities to maximize passive and/or active solar design concepts.

* + - Goal:  Maximize building energy efficiency.
      * Action: Install building energy management systems in all new facilities and capital improvement projects where feasible.
      * Action:  Install highly efficient mechanical systems where feasible.
      * Action:  Install highly efficient lighting systems where feasible.
      * Action: Design the building envelope for energy efficiency.
      * Action: Strategically plant shade trees to reduce facility energy load.

* + - Goal: Maximize use of water-conserving systems and fixtures
      * Action: Incorporate natural landscaping to minimize irrigation and maintenance needs.
      * Action: Incorporate control measures (web based irrigation controls, weather station data, etc) to maximize water efficiency.
      * Action: Maximize water reuse through strategic rainwater collection systems. (Ask Davood for additional details).
      * Action: Integrate water reuse within systems wherever possible.
      * Action: Maximize low-flow systems (hands free and low- flow/flush fixtures).

* + **Operation & Maintenance**
    - Goal: Ensure facility performance is maintained at optimal levels.
      * Action: Monitor and analyze energy and water consumption
      * Action: Implement a continuous commissioning program forongoing performance improvements-)
    - Goal:  Use energy efficient fixtures and equipment that exceed the current minimum code requirements as they relate to water and energy efficiency (e.g. exceed the current ASHRE standard for energy)
    - Goal:  Maximize energy efficient upgrades.
      * Action: When replacing equipment/fixtures, exceed the current minimum code requirements as they relate to water and energy efficiency (e.g.  exceed the current ASHRE standard for energy)

* + **Leased Space**
    - Goal: Ensure spaces leased by the County are energy efficient.
      * Action: Include energy and transportation efficiencies as a factor in consideration of leased space.
  + **Capital Renewal**

* + Goal: Pursue energy and water efficient retrofits and upgrades.

* Action: Use architectural design concepts that pursue best practices for the design space that exceed current minimum code requirements and conform with industry best practices for energy and water efficiency.

* Action: Use building materials and components  that exceed current code requirements for energy and water efficiency.

**2. Green Procurement**

* + - Green purchasing
    - Green leasing
    - Green contracts/vendor practices
    - Energy Star appliances or equivalent