



News Release

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For Immediate Release

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Dunedin Public Works & Utilities Receives Stimulus Grant

The Dunedin Public Works & Utilities Department has been awarded a Federal stimulus grant from the United States Department of Energy (DOE) under the Energy Efficiency and Conservation Block Grant (EECBG) Program, funded for the first time under the American Recovery and Reinvestment Act of 2009. As of this release, Dunedin is one of only six municipalities in the state of Florida to receive funding. These grant dollars provide funds to units of local and state governments to develop and implant projects to improve energy efficiency and to reduce energy use and fossil fuel emissions in their communities.

Dunedin's winning grant project consists of four diverse energy strategies as described below:

1. **Nitrogen Generator for Fleet Tire Program**
(Improve fuel economy/extend life of tires/improve safety)
 - 3% - 6% fuel savings (& fewer fossil fuel emissions)
 - 20% - 25% extension to tire life
 - 80 gallon generator producing 98% pure nitrogen gas

2. **Solar-Powered School Zone Flashers**
(Reduce electrical consumption/improve student safety)
 - Remove old, hard-wired units "from the grid"
 - Install solar-powered units – 4 locations / 8 devices
 1. San Mateo Dr. / San Jose Dr.
 2. San Salvador Dr. / San Helen Dr. / Bass Blvd.
 3. San Christopher Dr. / Bass Blvd.
 4. Pinehurst Rd. / McFarland St. / San Salvador Dr.

3. **Bicycle Connectivity Plan**
 - Interconnect City parks, Pinellas Trail, public schools, major employers, and high activity centers citywide
 - Reduce reliance on automobiles, reduce exhaust emissions and foreign fuel dependence, promote individual and community health

4. **LED Lighting Demonstration Project**
(Reduce electrical consumption/reduce maintenance)
 - Improves energy efficiency & lowers electrical costs
 - Lower wattage for equivalent lumens of light
 - Longer lamp life span reduces maintenance expense
 - Re-lamp existing fixtures – potential candidate sites include:
 1. Hale Senior Center and MLK Recreation Center
 2. Fleet garage bays and fueling station
 3. Water and Wastewater Plants