

RESOLUTION NO. 09-268

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, ADOPTING THE CITY OF KEY WEST CLIMATE ACTION PLAN DATED OCTOBER 1, 2009; DIRECTING THE CITY MANAGER TO INITIATE THE RECOMMENDED IMPLEMENTATION PLAN; DIRECTING THE CITY MANAGER TO APPLY FOR ALL APPLICABLE POTENTIAL GRANT MONEY, INCLUDING EPA, DOE AND STATE OF FLORIDA TO FUND THE PLAN; PROVIDING FOR AN EFFECTIVE DATE

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, AS FOLLOWS:

Section 1: That the Climate Action Plan dated October 1st, 2009 and attached hereto is approved and adopted.

Section 2: That the City Manager is directed to implement the Plan.

Section 3: That the City Manager is further directed to investigate and apply for all potential applicable grant funding sources, including EPA, DOE and the State of Florida in furtherance of the Plan.

Section 4: That this Resolution shall go into effect immediately upon its passage and adoption and authentication by the

Signature of the presiding officer and the Clerk of the Commission.

Passed and adopted by the City Commission at a meeting held this 20 day of October, 2009.

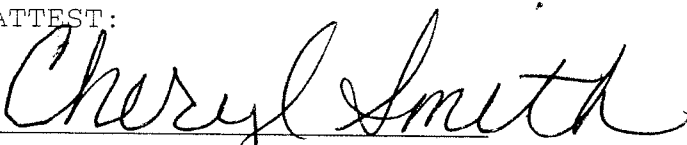
Authenticated by the presiding officer and Clerk of the Commission on October 21, 2009.

Filed with the Clerk October 21, 2009.

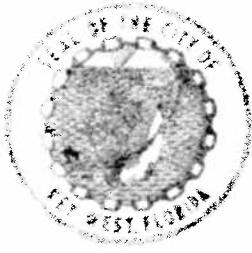


CRAIG CATES, MAYOR

ATTEST:




CHERYL SMITH, CITY CLERK



GENERAL SERVICES DEPARTMENT MEMORANDUM

EXECUTIVE SUMMARY

TO: Jim Scholl, City Manager

FROM: Annalise Mannix, P.E. Manager Environmental Programs 

VIA: David Fernandez, Assistant City Manager
Gary Bowman, General Services Director

DATE: September 21, 2009

RE: Resolution Adopting the City of Key West Climate Action Plan;
Directing City Manager to initiate the recommended Implementation
Plan; approval of grant applications.

ACTION STATEMENT: A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF KEY WEST, ADOPTING THE CITY OF KEY WEST CLIMATE ACTION PLAN DATED OCTOBER 1, 2009; DIRECTING CITY MANAGER TO INITIATE THE RECOMMENDED IMPLEMENTATION PLAN; DIRECTING CITY MANAGER TO APPLY FOR ALL APPLICABLE STIMULUS EPA, DOE, AND STATE OF FLORIDA GRANT FUNDS POSSIBLE TO FUND THE PLAN.

STRATEGIC PLAN INITIATIVE

The City's Strategic Plan has 7 categories "that encompassed all of the priorities and concerns of our citizens": Community Enhancement; Economic Development; Environmental Management; Infrastructure; Mobility; Organizational Excellence; and Social Services. The completion and implementation of our Climate Action Plan ties closely to the Strategic Goals in each area, specifically:

We seek solutions to assure we maintain our neighborhoods for residential living so as to reflect our diverse population, community character, and protect and enhance our residential quality of life.

We seek to maintain quality service levels and a strong financial position by proactively working to better balance the residential and tourism components of the City's tax base, increase the value of the City services, and diversify the City's revenue base.

We seek to establish and maintain public infrastructure in a cost-effective manner to serve the needs of our citizens and visitors and protect our local environment.

We seek to provide a transportation and land use system for all people with an efficient and pleasurable choice for arriving at their destinations while protecting the historic and residential character and ambiance of Key West.

We seek the preservation, maintenance, and when possible enhancement of the physical environment of Key West and its nearshore waters.

We seek to become an ongoing, role model organization to transform the City into a highly performing municipal corporation that quickly and efficiently responds to the needs of its citizens.

We will strive to effectively support those social service organizations in our community that help local individuals and families seeking assistance to enable them become self-sufficient or successfully manage their day-to-day lives.

BACKGROUND:

Key West is one of the most vulnerable cities to the possible effects of climate change. Scientists suggest that escalating greenhouse gas emissions threaten to increase the Earth's temperature and raise sea levels. The City of Key West City Commission, observing high tides already at street level, has committed to take action here at home and to encourage the rest of the world to do so too.

Committing the city to action upon his election, Mayor Morgan McPherson signed the Mayors Climate Protection Agreement and on August 7, 2007 the City Commission passed resolution 07-160 committing to use the 5-milestone process to reduce carbon emissions. August 5, 2008, the Key West City Commission passed Resolution 08-067 setting the goal of reducing community greenhouse gas emissions by 15% of the 2005 levels by year 2015, directing staff to reduce municipal greenhouse gas emissions by 15% and directing staff to create a community climate action plan.

The City Manager directed Environmental Program staff create a report that was achievable and acceptable to the citizens and businesses of the city. Environmental Programs formed a working group of members to ensure the goals of the City Manager and City Commission was met. Since that time the Climate Action Team has been working almost every other week to create a Climate Action Plan that is achievable and would have community support. The team, made up of about 2 dozen members, created small focus groups to assist in addressing each initiative area to obtain expert opinion and gage community support. They also sought input from standing committees, like the Community Traffic Safety Team, to "piggyback" the long standing knowledge and recommendations of those groups.

The Environmental Programs Manager presents this report to the City Manager for approval and the City Manager presents this staff recommended plan to the City Commission for adoption.

The Climate Action Plan was considered by the City of Key West City Commission Sustainability Advisory Board which unanimously approved recommending adoption of the plan to the City Commission.

PURPOSE & JUSTIFICATION:

The purpose of the Climate Action Plan (CAP) is to reduce Greenhouse Gas Emissions by 15% by 2015 using 2005 as a base year. The reduction in emission correlates, almost directly, to a reduction in electric and fuel use and subsequent costs. The plan details how to reduce emissions in the community and in municipal government operations. It identifies projects, their

efforts, some costs, and benefits. The plan will reduce or offset equivalent carbon dioxide emissions from 400,000 tons to 340,000 tons by 2015. The five major action areas are:

- Energy Supply -Reduce 9831 tons per year of CO2e emissions;
- Solid and Sewage Waste – Reduce 7,055 tons per year of CO2e emissions;
- Transportation – Reduce 12,681 tons per year of CO2e emissions;
- Building Efficiencies – Reduce 30,258 tons per year of CO2e emissions; and
- Sustainability/Sequestration – Absorb 175 tons of CO2 per year.

The plan recommends staffing to implement the plan, a marketing program, some capital projects, and much alliance building to engage and inform the community about climate change and ways to reduce greenhouse gas emissions. Challenges to residents and businesses to measure, monitor and take steps to reduce their individual electric and fuel use are made so the plan may be realized. This Plan is expected to be implemented through 2015, while actions are monitored, measured and improved annually.

Adaptation to climate change is vital to the economic health of Key West and the quality of life of our citizens.

It is important that this plan be adopted, if acceptable, shortly. All federal stimulus DOE funds and many of the EPA funds require the city have an “Energy Efficiency and Conservation Strategy” (EECS) that is part of all grant applications. The use of the CAP is document is recommended as the blue print for the EECS. New funding opportunities are being advertised weekly and the Florida competitive 1.2 million dollar grants will be announced soon.

The City of Key West City Commission has been asked to be a part of the Regional Climate Change Summit in Fort Lauderdale on October 23. The summit will provide the platform for the 4 southeastern Florida counties to develop a partnership to address Climate Change in a regional approach. As 4 of the most affected counties in the country as sea level rises, it is in the City's interest to partner as a region to reduce costs, lobby for appropriate funding and encourage other communities to reduce dependence on non-renewable energy. Adoption of this CAP will cement our resolve to climate change issues locally and regionally and indicate a leadership position in this area.

Of additional import, is the security of our country. As Americans, the security of our county is a high priority. As the largest user of fossil fuels in the world we must ensure we have an energy plan and policy that can provide for stable fuel for the long term. “We” starts with every American town, the City of Key West included. Waiting to see if sea levels rise too far or if land and food shortage drive mass migration, may place America and Key West in defensive maneuvers. The time to start good energy and adaptation policy is now. Retired Army Gen. Gordon R. Sullivan, once said, “We never have 100 percent certainty. We never have it. If you wait until you have 100 percent certainty, something bad is going to happen...”.

OPTIONS:

Approve the resolution, adopting the plan, directing finalization of an implementation plan and recommending staff seek grant funding.

Reject the plan and recommend modification to it.

Modify the plan and approve the resolution.

FINANCIAL IMPACT:

Mitigating Greenhouse Gas emissions will be costly over the long haul. The effects of unmitigated climate change will be much more costly to the residents and businesses of Key West. Due to the stimulus package there are numerous funding sources for quality projects that the City can apply for. The initial year in the plan, 2010, is expected to cost the city \$144,000 (existing salaries and funded projects). Future years will be better defined through the implementation plan and our ability to fund recommended projects through grants. Alliances and partnerships for initiatives will be aggressively sought. The remaining year's budgets increase dramatically due to the installation of large renewable power sources and the installation of LED lighting that will save the city money over time, the largest with a ROI of 8 years if no grant funding is obtained. There will be no need to make a budget modification this year. The draft budget is explained through discussion of initiatives throughout the plan and is estimated in Appendix 5.

RECOMMENDATION:

Approve this resolution.