

**AD HOC GREEN COMMITTEE  
REGULAR MEETING MINUTES  
JULY 02, 2015**

Pursuant to public notice, Chairman Jeff Chestine convened a regular meeting of the AD HOC Green Committee on Thursday, July 02, 2015, at 7:04 p.m., in the Council Chamber. Committee Members present were Jeff Chestine, John Fergus, Eugene Mathews, Josh Pause, and Scott Waymire. Staff Members present were City Manager Courtney Barker, and Recording Secretary Diane Niosi. Interns Present were Zachary Fleis, and Max Hoffman. Board Member David Vigliotti was not present.

Chairman Jeff Chestine led the Pledge of Allegiance.

**(TIME: 7:05 P.M.) PUBLIC COMMENT**

Liaison to the Comprehensive Planning and Advisory (CPAB) Board, Rodney Smith, introduced himself and urged the Board to set the bar high when considering the initiatives for the City.

**(TIME: 7:06 P.M.) PRESENTATION ON PROPOSED GREEN INITIATIVES**

Intern Max Hoffman, addressed the Board, stating the following:

- **1. Electric Car Charging Stations:**
  - Satellite Beach should consider leading the way as being a green community in establishing the first public charging station, attracting environmentally-minded residents as being a green community.
  - Mentioned providing incentives to current residents and businesses to purchase electric vehicles.
  - Suggested establishing a plan for private businesses to build their own charging stations.
  - There are three types of charging stations:
    - Level I Charging Stations are the least expensive at a cost between \$150.00 to \$300.00; charges slower per hour and costs less per hour to charge; plugs into a 120 volt outlet; charging for six hours per day for two users would cost \$400.00 annually for the power.
    - Level II Charging Stations range in cost from under \$400 to approximately \$1,600.00, depending on capabilities; charging is faster than Level I Charging Station; uses a 240 volt outlet at a cost of approximately thirty-eight (\$0.38) cents per hour; charging for six hours per day for two users would cost \$800.00 annually.
    - Pay-To-Charge Charging Stations provide electricity for free or charges for usage per kilowatt hour but takes a long time to get a return on your investment.
    - Stations that charge per kilowatt hour use a charge card swiper and are more complicated and expensive systems.
    - Electric cars can be charged at outlets with 120 or 240 outlets.
    - Level I and II Charging Station outlets are universal for all electric cars.
    - The Level III Charging Station would be the least desirable due to its high cost and can only be used for certain electric cars.
- **2. Green Buildings and Development:**
  - Florida Friendly Landscaping has set principles for irrigation, fertilizing, and using low maintenance. Xeriscaping Landscaping uses native drought-tolerant plants and promotes the "Lose the Lawn" concept.
  - Livable Lawns Program promotes proper fertilizing/irrigation techniques to protect waterways.
  - Suggested the City provide incentives to businesses to adopt these techniques.
- **3. Sustainability Leadership and Education Programs:**
  - Suggested holding a "Green Fair" to educate the public about green initiatives.
  - Sources for Financing:
    - Grant programs.
    - Solar Energy Loan Fund.
    - The Solar Energy Loan Fund provides many residential and commercial services.
    - Website used for research: Solar Energy Loan Fund (Self).

- The Solar Energy Loan Fund has a delinquency and default rate of less than 1%; received the Most Outstanding Green Business of the Year Award from the South Florida Chapter of the U.S. Green Building Counsel in 2013.
- There are many financing resources for residents/companies.

Josh Pause stated solar energy is approximately forty percent less costly than conventional sources, explaining how the investment in solar energy works and urged the Board to view the example in the "Planet Money" link provided under Attachment 3 of the Initiatives.

John Fergus suggested the City consider applying a portion of the Community Redevelopment (CRA) Agency funds to the establishment of a public charging station.

Intern Zach Fleis addressed the Board, stating the following:

- Immediate ways people could save money on systems:
  - Solar and CHP Sales Tax Exemption.
    - Incentive amount is the entire sales tax amount and applied commercially or residentially.
    - Eligible Exemptions: Solar Water Heat, Space Heat, Photovoltaic's, Combined Heat, Power and Pool Heating and are permanent with no set date of expiration.
  - There are over fifteen solar energy companies within the County to do business with.
  - Florida Power and Light (FPL) has a solar rebate program in Miami with a maximum incentive of \$50,000.00 per site toward installing alternative power sources, including solar energy.
  - Provided three handouts: Exemption form; native plant species list with hurricane protection tips; list of certified solar equipment and hardware.

Eugene Mathews added that the State of Florida offers an incentive of thirty percent, with a maximum of \$2,000.00 for solar energy installation.

Chairman Chestine stated that the first step is to establish a plan and asked the Board members to write a one-page summary on their individual goals for the City. He then opened the floor for public comment. There were no public comments.

City Manager Courtney Barker suggested the Board use the mission and goals outlined in the Charleston Green Plan when deriving the vision, goals and timelines for the City's plan.

**(TIME: 8:05 P.M.) AGENDA ITEMS FOR THE NEXT MEETING**

- Summary by Interns on establishing green plan and incentives overview for residents/businesses.
- Presentation by interns on LEED Certification, LED lighting, and lagoon dredging.
- Interns to provide the ratio of how many years a charging station would take to pay itself off.

**(TIME: 8:10 P.M.) ADOPTION OF THE MINUTES: JUNE 29, 2015, REGULAR MEETING**

**ACTION:** Committee Member Fergus MOVED, SECOND by Committee Member Mathews to approve the minutes as presented. VOTE: ALL YES. MOTION CARRIED.

**(TIME: 8:15 P.M.) ADJOURNMENT**

**ACTION:** Committee Member Fergus MOVED, SECOND by Committee Member Mathews to adjourn. VOTE: ALL YES. MOTION CARRIED.



Diane Niosi  
Recording Secretary