



# **AGENDA**

## **SUSTAINABILITY BOARD**

Meeting 2020-09

Wednesday, October 21, 2020 – 7:00 P.M.

City Hall Council Chambers, 120 Malabar Road, SE

### **CALL TO ORDER:**

### **ROLL CALL:**

### **PRESENTATION:**

1. Low Impact Development on Stormwater – Joanie Regan, Stormwater Manager, City of Cocoa Beach; and Dr. Leesa Souto, Executive Director, Marine Resources Council.

### **ADOPTION OF MINUTES:**

1. Meeting 2020-08; September 29, 2020.

### **PUBLIC COMMENTS: (Non-agenda items only)**

Public Comments on Agenda Items – Individuals wishing to speak on specific agenda items can do so at the time the item is being considered by the Board. The Chairperson will ask if there are any public comments prior to the Board taking action on the item. All speakers will be limited to three (3) minutes each.

### **NEW BUSINESS:**

1. Discussion of proposed Sustainability Action Plan.
2. Solar United Neighbors – Space Coast Solar Co-op. (Vice Chairperson Ziegler)(**CONTINUED FROM 09-29-20**)

### **OTHER BUSINESS:**

### **ADJOURNMENT:**

THIS MEETING IS BROADCAST LIVE ON THE CITY'S WEBSITE.

**Pursuant to Section 286.011, Florida Statutes, Executive Order 20-69, and Palm Bay Resolution 2020-30, notice is hereby given that the Sustainability Board shall hold the above public meeting on October 21, 2020, beginning at 7:00 P.M. and lasting until the meeting is complete. The meeting will be conducted via communications media technology (teleconference/video conference).**

**Public comments may be submitted via email at [sbcomments@palmbayflorida.org](mailto:sbcomments@palmbayflorida.org). All comments submitted will be included as part of the public record for this virtual meeting and will be considered by the Sustainability Board prior to any action taken. Comments must be received at least twenty-four (24) hours prior to the meeting and shall have a time limit of three (3) minutes.**

**Pursuant to Resolution 2020-30, members of the public wishing to use electronic media when addressing the Sustainability Board must provide the electronic file to staff for screening no later than 2:00 P.M. on the day of the meeting.**

**If an individual decides to appeal any decision made by the Sustainability Board with respect to any matter considered at this meeting, a record of the proceedings will be required, and the individual will need to ensure that a verbatim transcript of the proceedings is made, which record includes the testimony and evidence upon which the appeal is based (Section 286.0105, Florida Statutes). Such person must provide a method for recording the proceedings verbatim.**

**In accordance with the Americans with Disabilities Act, persons needing special accommodations for this meeting shall, at least 48 hours prior to the meeting, contact the Office of the City Clerk at (321) 952-3414 or Florida Relay System at 711.**

# CITY OF PALM BAY, FLORIDA

## SUSTAINABILITY BOARD MEETING 2020-08

Held on Tuesday, the 29<sup>th</sup> day of September 2020, at the City Hall Council Chambers, 120 Malabar Road, SE, Palm Bay, Florida.

This meeting was properly noticed pursuant to law; the minutes are on file in the Office of the City Clerk, City Hall, Palm Bay, Florida. The minutes are not a verbatim transcript but a brief summary of the discussions and actions taken at the meeting.

Pursuant to Section 286.011, Florida Statutes, and Executive Order 20-69, this public meeting was conducted via communications media technology (teleconference/video conference).

The meeting was called to order at the hour of 7:03 P.M.

### ROLL CALL:

<b>CHAIRPERSON:</b>	Lesley Byrd	Present
<b>VICE CHAIRPERSON:</b>	Rebecca Ziegler	Present
<b>MEMBER:</b>	Vacant	--
<b>MEMBER:</b>	Donielle Rouse	Absent
<b>MEMBER:</b>	Joe Laughlin	Present
<b>MEMBER:</b>	Shaun McFadden	Present
<b>MEMBER:</b>	Amy Ford	Present

**CITY STAFF:** Present was Suzanne Sherman, Acting City Manager; Terese Jones, City Clerk.

### PRESENTATION:

#### 1. Honeywell International, Inc. – Guaranteed Energy, Water, and Wastewater Performance Savings Contract with City of Palm Bay.

Alfred Guerrero, Senior Business Consultant for Honeywell International, Inc., provided an overview of the contract. Project goals were to identify viable energy conservation measures; reduce energy expenditures City-wide; re-direct energy savings to fund infrastructure improvements; address deferred maintenance needs; and that project energy savings must exceed project costs. The performance contract scope included: LED lighting improvements; water conservation improvements; building envelope

improvements; cool roof coating; chilled-water optimization improvements (pump motors, chilled-water flow controls, variable-frequency drives); air handler replacements; HVAC DX equipment replacements; and building automation upgrades. Approximately thirty-four City facilities were included in the scope.

Mr. Guerrero said that Year 1 energy savings totaled \$201,021. Electric consumption at City Hall had been reduced by 40%-50%. Mr. Guerrero answered questions posed by board members.

### **ADOPTION OF MINUTES:**

#### **1. Meeting 2020-07; September 14, 2020.**

Motion by Ms. Ford, seconded by Mr. McFadden, to adopt the minutes as presented. Motion carried unanimously.

### **PUBLIC COMMENTS:**

There were no public comments.

### **NEW BUSINESS:**

#### **1. Discussion of proposed Sustainability Action Plan.**

The Board concurred with the following revisions to the plan under the category of Energy and Buildings (Built Environment):

- Goals were revised as follows:
  1. ~~Open space/ Walkability and Connectivity~~ >>Reduce energy consumption and greenhouse gas emissions<<
  2. ~~Support sustainable infrastructure and buildings~~ >>Invest in clean, renewable energy<<
  3. ~~Systematically upgrade existing buildings, equipment and infrastructure~~ >>Smart, sustainable, and resilient city planning<<
- Objectives; Goal 1; City Government objectives, were revised as follows:
  - A. ~~Integrating green building standards into both public and private developments~~ >>Lead by example by reducing local government greenhouse gas emissions and minimizing energy and water use in local government facilities and specified local infrastructure. <<

- B. ~~Land use practices, and promotion of sustainable development for infill of local goods and services to create a stable and long-term economy and walkable community~~ >>Work with state, regional and local partners to support building sector-wide shift toward energy efficient practices and fossil fuel-free building systems and programs. <<
- C. ~~Re-use and redevelopment of both public and private lands and buildings~~ >> Advocate for state building policies that align with carbon neutrality by 2050. <<
- D. ~~Government decisions for repurpose, operation, and retirement of municipal structures~~ >>In order to optimize building performance, city owned buildings are required to track and report their energy and water usage annually in a process called benchmarking. Lower performing buildings will undergo a building audit or retro commissioning. <<
- E. ~~Creation and maintenance of public spaces~~ >>Reallocate a portion of all City agencies' operating budgets to the annual replacement of capital assets to improve energy efficiency and reduce carbon emissions. <<
- F. ~~Creating walkable, bikeable, and alternative vehicle use opportunities and safe spaces~~ >>Invest in energy efficiency and renewable energy generation in municipal buildings. <<
- G. ~~Evaluating density increases for residential development to support commercial ventures~~ >>Construct new municipal buildings and strengthen green building zoning requirements to a net zero carbon standard. <<
- H. ~~Long term tax bases with equal land use support (i.e. residential and commercial, as opposed to predominantly residential)~~ >>Adopt a zero net carbon standard for City-funded affordable housing in Palm Bay. <<
- >>I. Develop a carbon emissions performance standard to decarbonize existing large buildings.<<
- >>J. Expand workforce development programs for building decarbonization.<<
- >>K. The city will work with Palm Bay City Council to adopt "stretch" versions of the energy code for new and substantially renovated buildings.<<

Ms. Byrd asked for clarification of "specified local infrastructure" under Item A. Ms. Ford said that options could be water and wastewater treatment facilities, but the Board would determine the specifics at a later date. Ms. Byrd questioned "green building zoning

requirements” under Item G. Ms. Ford said it referred to analyzing the City’s current zoning requirements and if there were opportunities to adjust or add to the zoning requirements in order to move toward a zero-carbon standard. She said the focus would be on smarter City planning, such as placement of buildings.

Ms. Byrd asked if the City funded affordable housing projects. Ms. Sherman said the City had a variety of programs in which funding was provided at the State and Federal levels. Most of the programs through the City helped with repairs and rehabilitation of homes.

Ms. Byrd said that Honeywell was addressing many of the goals and objectives and asked if those items being handled by Honeywell should be included in the plan. Ms. Ford asked if Honeywell’s building automation system connected to and fed data through any benchmarking programs. Ms. Sherman said Honeywell was tracking some of the information related to the buildings, but it did not have the full picture of all facilities and the information was not contained in one place for access and review.

There was discussion regarding Item J. Ms. Ford advised that she would include additional language to clarify that the objective was related to the training of the workforce to communicate and educate businesses about commercial building decarbonization.

➤ Objectives; Goal 1; Local Business objectives, were revised as follows:

- A. ~~Develop guidelines for developers and committees to follow when creating and reviewing plans to re-invent old big box, strip malls and other commercial developments with similar low density uses to better use the land and surrounding parking lots.~~ >>Implement low cost behavior-based operational programs that minimize energy use in operations. (<https://www.peoplepowerplanet.com>).<<
- B. ~~Change requirements for all surface parking, where appropriate, to increase storm water infiltration, reduce heat island effects and other strategies to reduce environmental impacts (e.g., install parking lot islands that allow rain gardens, solar canopies, create incentives for structured parking).~~ >>Create and adopt strategies and requirements to minimize urban heat islands, optimize carbon sequestration and promote water retention (e.g., green roof, bio swales, urban tree canopy, vegetative parking).<<
- >>C. Advocate for state building policies that align with carbon neutrality by 2050.<<

- >>D. Invest in energy efficiency strategies and renewable energy generation in commercial buildings.<<
- >>E. Incentivize employees to volunteer for local community carbon reduction projects.<<
- >>F. Create a green team or post signage that educates employees on habits that are easy to change such as energy-wasting habits. (ex. Leaving lights on, electronics plugged in, etc.).<<
- >>G. Creating sustainable purchasing policies and green cleaning policies to reduce environmental harm from materials being purchased, used, and disposed of.<<

Mr. Laughlin left the meeting at this time and did not return. Due to his absence, a quorum no longer existed, and the meeting was adjourned accordingly.

**2. Solar United Neighbors – Space Coast Solar Co-op. (Vice Chairperson Ziegler)**

Due to lack of a quorum, the item was rescheduled to the next board meeting.

**OTHER BUSINESS:**

Due to lack of a quorum, there was no discussion under Other Business.

**ADJOURNMENT:**

Due to lack of a quorum, the meeting adjourned at the hour of 7:50 P.M.

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Lesley Byrd, Chairperson

ATTEST:

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Terese M. Jones, City Clerk

**Strikethrough words shall be deleted; highlighted words that will be included will be placed in between two arrow symbols (>> <<). Deletions and additions constitute the proposed amendment. Words remaining are now in effect and remain unchanged.**