



Town of Melbourne Beach

**TOWN COMMISSION WORKSHOP
WEDNESDAY, NOVEMBER 7, 2018
6:00 p.m.
MASNY ROOM – 507 OCEAN AVENUE**

MINUTES

Mayor Jim Simmons
Vice Mayor Wyatt Hoover
Commissioner Steve Walters
Commissioner Sherri Quarrie

Town Manager Bob Daniels
Town Clerk Nancy Wilson

PUBLIC NOTICE

The Town Commission conducted a Town Commission Workshop
on Wednesday, November 7, 2018 in the Masny Room
to address the items below.

I. Call to Order – Led by Mayor Simmons

Vice Mayor Hoover called the meeting to order at 6:00 p.m.

II. Roll Call

Town Clerk Wilson led the roll call.

Commissioners Present:

Vice Mayor Wyatt Hoover
Commissioner Sherrie Quarrie

Staff Present:

Town Manager Bob Daniels
Town Clerk Nancy Wilson

Commissioner Absent:

Mayor Jim Simmons
Commissioner Steve Walters

III. Pledge of Allegiance and Moment of Silence

Led by Vice Mayor Hoover

IV. Presentation

A. Presentation by FPL regarding LED lights

Mr. Franc Arbide, Business Development Manager from FPL LED Lighting Solutions, introduced himself. He gave some background on FPL then began talking about the new LT-1 tariff that provides for the installation of FPL owned LED lights at no upfront cost to customers. This is a new program that was approved by the Public Service Commission last year. It allows FPL to convert the existing pressure sodium vapor lights to LED.

The new LED lighting is also equipped with Smart Nodes that will auto generate light outage notifications.

The tariff has 3 pricing components:

- Rental of the fixture (dependent on fixture type)
- Maintenance (less maintenance with LED; fixed rate)
- Energy consumption (dependent on wattage)

Among the benefits of LED:

- Superior light distribution
- Better color rendition
- Reduced energy consumption
- More dependable fixtures
- Greater variety of lights

One of the biggest decisions the Town will need to make is about color, either 4000k (more for commercial areas) or 3000k (more for residential

areas). Most of the Town's lights are 70 and 100 watts which can both be replaced by the LED options. Any lights that are on FDOT roads will have to be approved by them to ensure compatibility. Also, for turtle sensitive areas, the lights can be turned off, which FPL can now do remotely. There's also a turtle sensitive light that has been approved by the Florida Wildlife Commission but its reddish color has not been well received. He added that the FWC should be contacted prior to changing any lights that would affect the turtles. Vice Mayor Hoover asked if the lights can have shields on them to which Mr. Arbide responded that they can but that is not needed as much with LED lights because they are so directional. FPL is working with their engineering team to build a product for turtle lighting.

Commissioner Quarrie asked what the cost will be compared to what the Town is currently paying. Mr. Arbide said our monthly cost will drop about 5%. Vice Mayor Hoover asked if the range of costs for the fixtures is for aesthetics only. Mr. Arbide answered in the affirmative adding that we don't have a lot of different fixtures in Town so that really wouldn't be a factor for us. Conversation ensued about costs, options, turtle lighting and the process for change outs.

In response to a question about implementation, Mr. Arbide said most jurisdictions handle the conversion via their Public Works department who work with their respective managers. Vice Mayor Hoover said he doesn't think we need to form a committee to address our lighting needs but he does think our businesses should be surveyed to find out if their current lighting is sufficient and to reach out to the residents for their input on street lighting. Commissioner Quarrie said that some residents on Shannon Avenue aren't happy with their lighting. Mr. Arbide said that one of the complaints they have heard is that customers were used to having light flood into their yard or business but with LED lights, the light is more directional, leaving the previously lighted areas not lighted. He added that the purpose of street lights is not to provide landscape or parking lot lighting, their purpose is to light the road. Mr. Arbide then described FPL's rigorous quality assurance process for their lights adding that the LED's last about 20+ years compared to 10-15 years for the high pressure sodium lights. Regarding the time involved for the conversion, Mr. Arbide said from the time an agreement is signed to the beginning of the conversion runs about 4 months. That time frame will get longer as interest in the program increases. Once the lights are received from the manufacturer, about 100 lights per week can be installed so our installation should take about 3 or 4 weeks; change outs in commercial areas takes longer. Mr. Arbide wasn't sure if any lights in our parks are included in FPL's count.

Vice Mayor Hoover said that we should talk to the Police Chief about any lighting concerns she has in our community. He added that once we

receive the lighting map, we can see if there are any clusters of lights or areas that don't have enough lighting. Mr. Arbide said during the transition there's an opportunity to change wattage of questionable lights without incurring a cost. In response to a question asked by the Public Works Supervisor, Mr. Arbide said that during the conversion, we can also replace lights in our parks; PW Supervisor Davis said he's worried about the condition of some of the poles.

In conclusion, Mr. Arbide said he would get the name of our local DOT contact and order a lighting map of Melbourne Beach. Upon his departure, the Commission discussed some areas that may need more lighting and other options for lighting.

IV. Public Comment


No public comments

VI. Adjournment

Commissioner Quarrie made a motion to adjourn; Vice Mayor Hoover seconded. Motion carried 2-0.

The meeting adjourned at 7:16 p.m.

ATTEST:



James D. Simmons, Mayor



Nancy Wilson, Town Clerk