



COMMUNITY SERVICES ADVISORY BOARD AGENDA MEMORANDUM

Regular Meeting Date: April 11, 2017

Prepared By: Dana A. Souza

Agenda Item: 7

Discussion
Tree Permit

Review and Approve/Deny

SUBJECT: Florida Power and Light – Solar Now Program – City of Naples Parks

SUMMARY:

Florida Power and Light (FPL) has met with City staff to discuss their SolarNow program and possible installation of solar trees and solar canopies at City Parks.

The SolarNow program is a community-supported solar program designed to provide customers with an easy way to help move solar energy forward in Florida. City Administration has asked FPL to present information about the SolarNow program and potential locations for solar trees and solar canopies as part of the City’s review and approval process. City staff is seeking the Community Services Advisory Board’s input and support for the installation of solar equipment in City Parks.

Proposed locations include:

- Cambier Park – Solar Tree
- Fleischmann Park – Solar Tree
- Lowdermilk Park – Solar Trees and Solar Canopy
- Park St. Parking Lot – Solar Tree

Kathleen Campanella, Project Manager for FPL will present information at the CSAB meeting and will be available to answer questions.

STAFF RECOMMENDED ACTION: Discussion. Consider recommending solar equipment installation at Cambier Park, Fleischmann Park, Lowdermilk Park and Park St. Parking Lot.



FPL SolarNow™ Program Community Based Solar Offering

City of Naples

Community Services Advisory Board

April 11, 2017

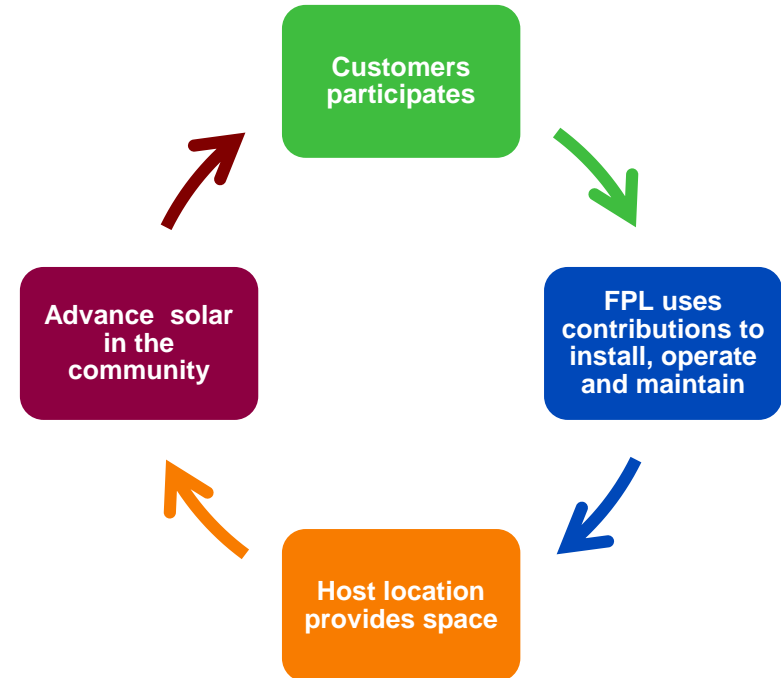
FPL SolarNow™ Program & The City of Naples

- **FPL SolarNow™ is a community-supported solar program designed to provide customers with an easy way to help move solar energy forward in Florida.**
- **FPL has been discussing options to install Solar Trees and Solar Canopies with the City Administration.**
- **City Administration has asked FPL to present information about the SolarNow™ program and potential locations for Solar Trees and Solar Canopies as part of the City's review and approval process.**
- **City staff is seeking the Community Services Advisory Board's support for the installation of solar equipment in City Parks.**

FPL SolarNow™ is a community-supported solar program designed to provide customers with an easy way to help move solar energy forward in Florida

FPL SolarNow™ Program Overview

- **Customers volunteer to support the program through an on bill contribution**
- **FPL installs, operates, and maintains the projects**
- **Host sites provide the space/location for the project**
- **Solar energy built in local communities**
- **www.fpl.com/solarnow**

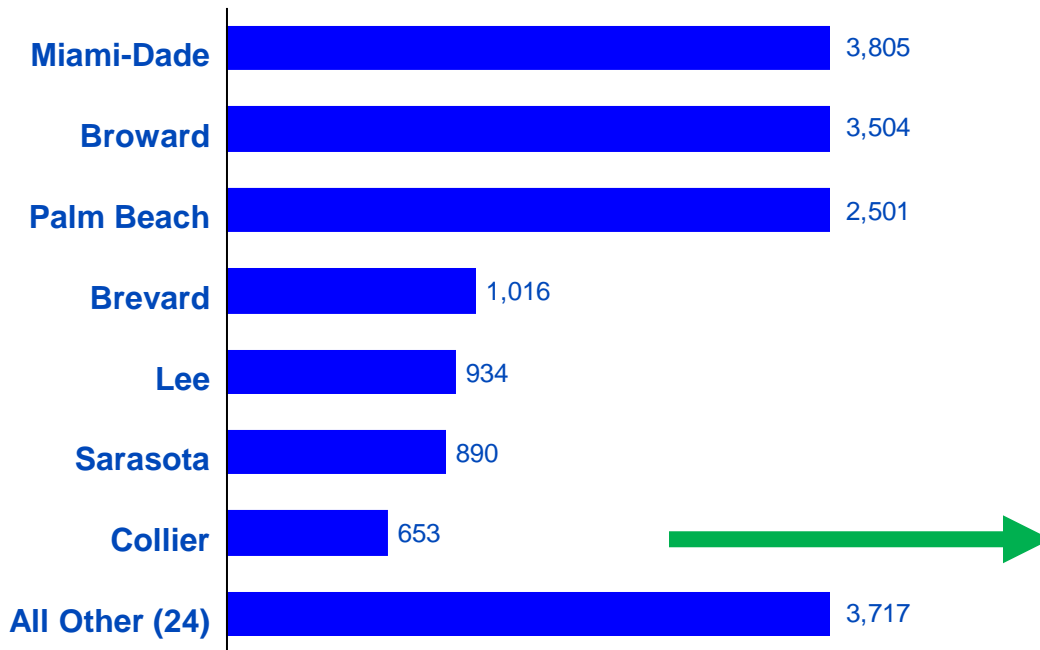


Host locations are an integral part of the program's success because they provide a unique experience that will engage and inspire the community

The FPL SolarNow™ Program is committed to building solar projects where participants live and come together as a community

FPL SolarNow™ Program - Participation

Program Participants by County



Host locations will be viewed as clean energy leaders in the community

The City of Naples has 653 FPL SolarNow participants committed to advancing clean energy

SolarNow Projects in the City of Naples

- Work best in pedestrian areas where people of all ages and interests come together
- Inspire solar awareness and education
- Highlight environmental stewardship and advocacy for renewable energy
- Complement other investments in renewable energy and efficiency



Solar Trees offer many “green” benefits to the City of Naples

Curve solar tree is approximately 18 feet tall and creates up to 120 square feet of shade

Solar Tree – Curve Design



Canopies have the flexibility to provide solar power and shading for a wide variety of applications

Canopy Designs



FPL SolarNow projects proposed for the City of Naples

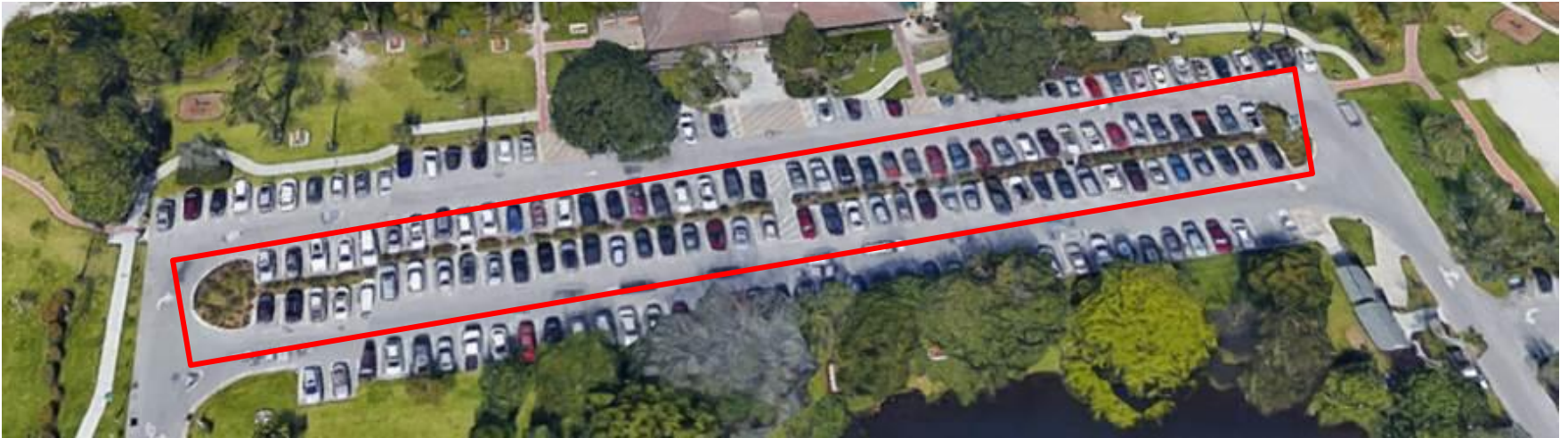
Proposed Locations

- **Lowdermilk Park**
 - 200 kW Parking Canopy
 - 2 Solar Trees
- **Fleishmann Park**
 - 3 Solar Trees
- **Cambier Park**
 - 2 Solar Trees (one near Veterans Memorial; one at the Park St. parking lot across from the park)

Lowdermilk Park

Parking Canopy

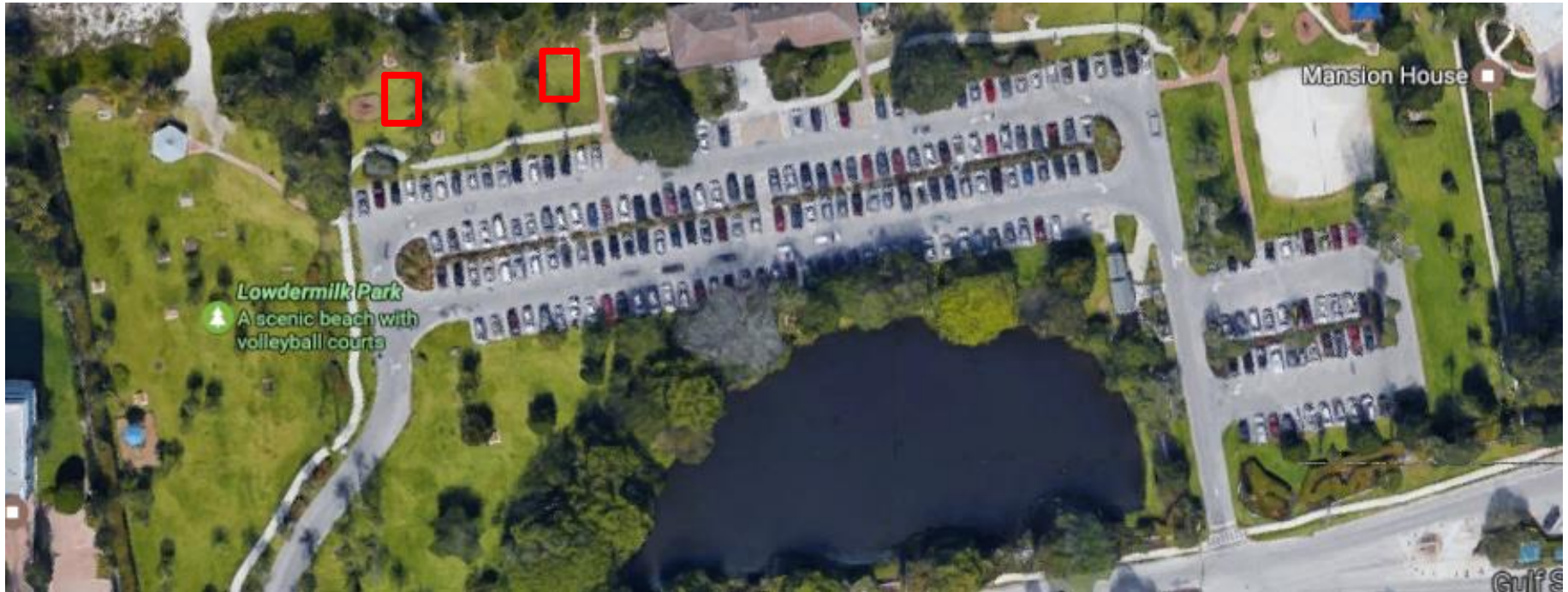
- 200kW parking canopy covering approx. 84 parking spaces



*Include Rendering here when available

Lowdermilk Park

Proposed Solar Tree Locations



Lowdermilk Park

Example of a Solar Tree



Fleishmann Park

Proposed Solar Tree Locations - Near Courts



Cambier Park

Proposed Solar Tree Location - Near Veterans Memorial



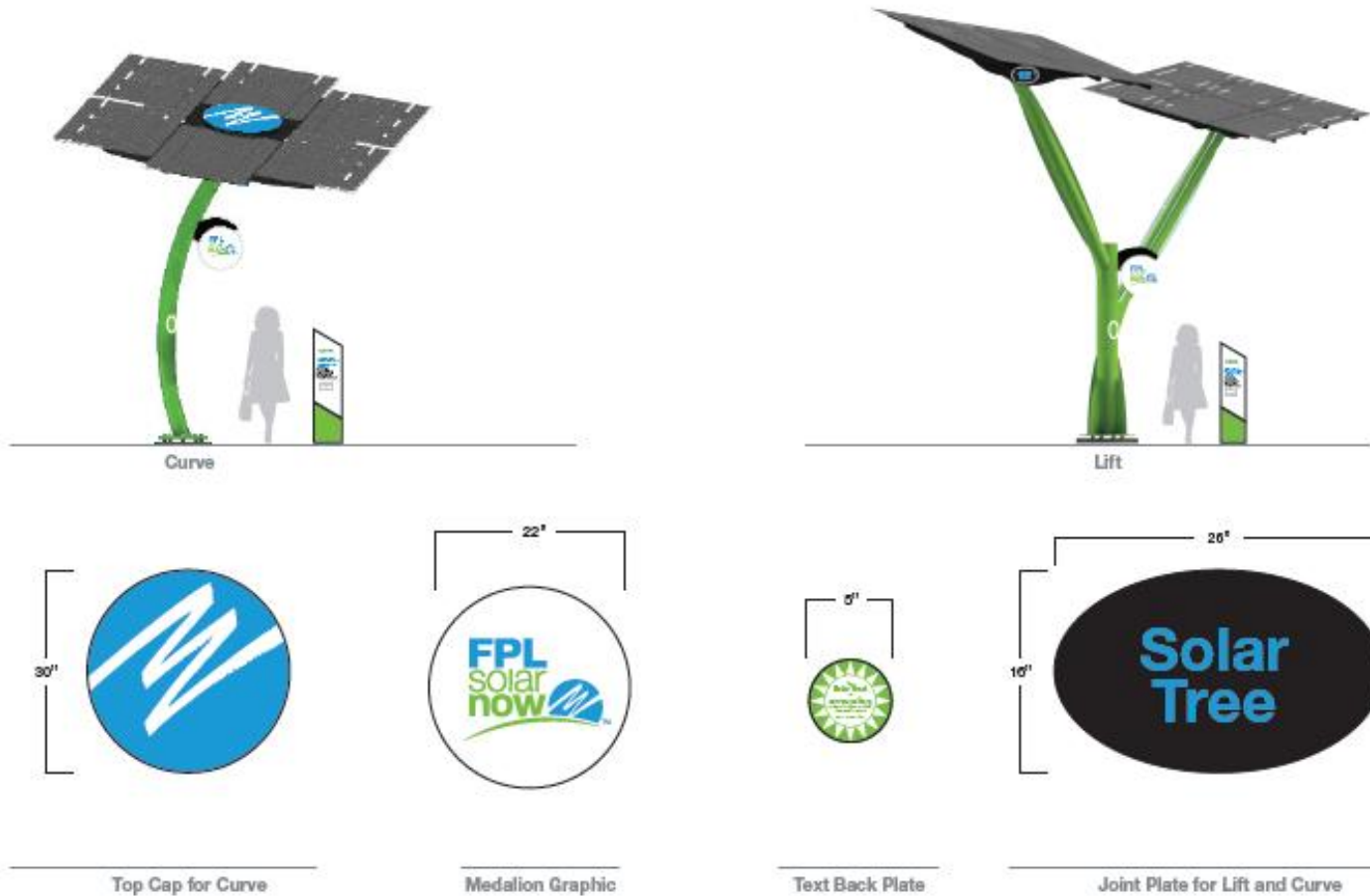
Cambier Park

Proposed Solar Tree Location - Across From Park



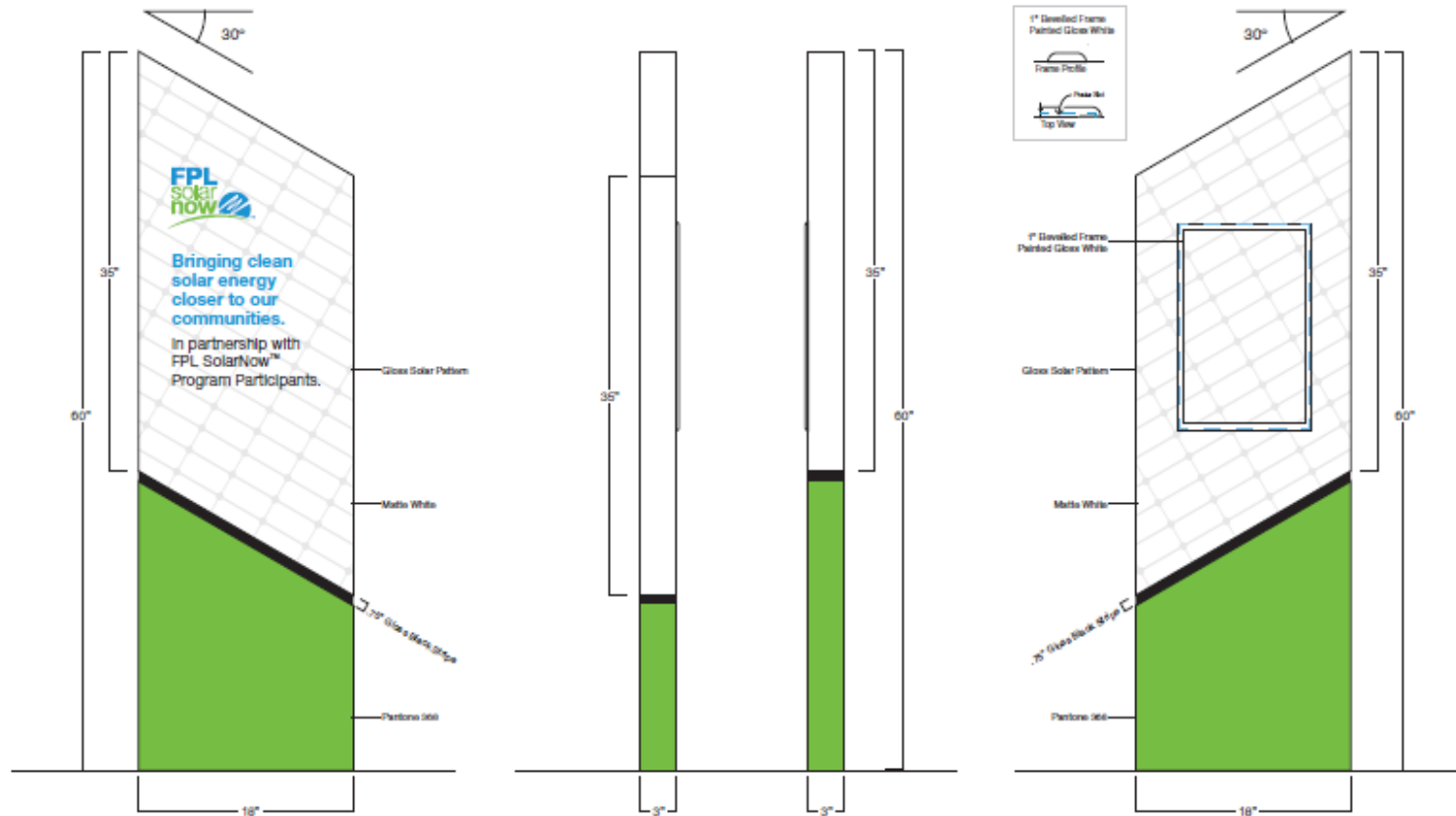
FPL SolarNow branding plans include a variety of signage and color options designed to engage and educate

FPL SolarNow Branding



FPL SolarNow branding plans include a variety of signage and color options designed to engage and educate

FPL SolarNow Branding



QUESTIONS?

City staff is seeking the Community Services Advisory Board's support for the installation of solar equipment in City Parks.



Process/Next Steps

