

EXECUTIVE BRIEF UTILITY MEETING

AGENDA DATE: May 31, 2022

DEPARTMENT: Electric Utility

TITLE:

Florida Municipal Power Agency (FMPA) Solar Projects Update

SUMMARY:

Update by FMPA Staff and City's Electric Utility Staff on the FMPA Municipal Solar Projects.

BACKGROUND AND JUSTIFICATION:

The City's electric utility provides electricity to its customers using a variety of electric production resources. Among them are:

- City's generation entitlements in various Florida Municipal Power Agency (FMPA) Projects such as the St. Lucie and Stanton 1 Projects
- City's owned electric generation resources which include City's solar farm atop City's closed landfill and City's power plant
- City's contract with Orlando Utilities Commission (OUC) for supplemental energy and capacity (OUC Agreement)

In 2019 City entered into agreements with FMPA to purchase electricity from two FMPA solar energy projects (referred to as FMPA Solar I and II) in the amount of 10 MW and 26.55 MW respectively. FMPA will be obtaining electric supply from these two projects under long term power purchase agreements (PPAs) with independent power project developers pursuant to the results of a public bid process on behalf of FMPA member cities, among them the City of Lake Worth Beach. City in turn will purchase electricity from these two projects from FMPA at same prices and term as obtained by FMPA. These two projects are expected to begin delivering solar energy to City in 2023 and 2024 and are expected to comprise approximately 15 percent or more of City's electric supply by 2025.

Similarly, FMPA is currently conducting a public bid process for a third solar project on behalf of its member cities and which is referred to as FMPA Solar III. FMPA Staff are currently in negotiations with a number of independent power producers who have responded to the public bid.

FMPA and City's electric utility staff will be providing an update on the status of the three projects as well as lead a discussion of City's potential interest in participating in FMPA Solar III if that project were to be approved by the FMPA Board and Executive Committee.

MOTION: N/A

ATTACHMENT(S):

Fiscal Impact- N/A

Power Point Presentation