



AGENDA REPORT
January 22, 2019

Approval RE: SolarTogether, an FPL Shared Solar Program

SUBJECT:

Authorize the County Manager to begin the registration process to enter into an Agreement for SolarTogether, an FPL Shared Solar Program.

FISCAL IMPACT:

Countywide fiscal impact is \$158,606 over 1,018 accounts over 4 years. Years 5-7 the County would recoup the additional subscription costs from years 1-4. Starting in year 8 the County will be in a positive credit, up to year 30; where the County shall receive the maximum of \$795,394 credits annually.

DEPT/OFFICE:

Public Works

REQUESTED ACTION:

It is requested that the Board of County Commissioners authorize the County Manager to begin the registration process for SolarTogether, an FPL Shared Solar Program. Registration needs to be completed no later than January 25, 2019. It is also requested that the County Manager be authorized to sign said Agreement with SolarTogether.

SUMMARY EXPLANATION and BACKGROUND:

SolarTogether, an FPL Shared Solar Program, allows customers such as Brevard County to share in the benefits and costs of universal solar while receiving monthly bill credits and reducing energy costs while achieving sustainability goals.

How does SolarTogether, FPL shared solar program work? SolarTogether, FPL's shared solar program is designed to provide customers with the opportunity to share in the benefits and costs of a large solar energy center while receiving monthly credits on their FPL bill.

When will the program be approved by the Florida PSC? The program will be filed with the Florida PSC in the first quarter of 2019, and we anticipate the Commission's approval in the fourth quarter of 2019. Pending approval, we expect the earliest you would be billed for your subscription is the first quarter of 2020.

Can participants in the program claim the Investment Tax Credit? No. The subscription charge already factors in the financial benefits associated with the Investment Tax Credit (ITC).

What does the monthly subscription cost represent? Your monthly subscription cost

is the fixed dollar subscription rate times your subscription share (the number of kW in your subscription). The subscription rate reflects the costs related to construct, own and operate the solar plants we build to serve participants in the program. The monthly subscription rate does not change over time.

When will billing begin for enrolled customers? FPL will file the program with the Florida PSC in the first quarter of 2019, and we anticipate PSC approval in the fourth quarter of 2019. Pending PSC approval, we expect the earliest you would be billed for your subscription is the first quarter of 2020.

Could program subscription rates be changed if the price of natural gas or other fuels changes? No, the subscription rates approved by the Florida PSC will be locked and cannot change without Florida PSC approval.

Is the renewable energy I support through the program, delivered directly to my business? No, as with any solar energy center connected to the electric grid, the power generated for the FPL SolarTogether program is delivered directly to the grid, where it is combined with power from conventional generation sources in FPL's energy system.

Is the pre-registration agreement binding? Pre-registering in the program requires a binding agreement. Customers who pre-register will be automatically enrolled in the program pending PSC approval. Participants will not see a subscription cost or subscription credit on their bill until after the solar power plants dedicated to this program are operational. After the first billing cycle of the program, customers can unsubscribe from the program and will not be able to re-enroll for a 12-month period. Customers may also elect to reduce their subscription following the first billing cycle.

If I pre-register, can I increase, decrease or terminate my subscription? Pre-registering in the program requires a binding agreement. Customers who pre-register will be automatically enrolled in the program pending PSC approval. If you wish to increase your subscription, we ask you to submit a new agreement through the FPL SolarTogether website (www.fpl.com/solartogether). After the first billing cycle of the program, customers can unsubscribe from the program and will not be able to re-enroll for a 12-month period. Customers may also elect to reduce their subscription following the first billing cycle.

ATTACHMENTS:

Description

- **Spreadsheet/Graph**



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January 23, 2019

M E M O R A N D U M

TO: Frank Abbate, County Manager

RE: Item J.2., Approval of Solar Together, an FPL Shared Solar Program

The Board of County Commissioners, in regular session on January 22, 2019, authorized the County Manager to begin the registration process for SolarTogether, and FPL Shared Solar Program; and authorized the County Manager to sign said Agreement with SolarTogether.

Your continued cooperation is always appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
SCOTT ELLIS, CLERK

Tammy Rowe

Tammy Rowe, Deputy Clerk

/kp

cc: Interim Public Works Director

INPUTS														
Customer's Annual Electricity	72,194,710 kilowatt hours													
Selected Office	100%													
Maximum Subscription	28,479 kilowatts													
Subscription Size	28,479 kilowatts													
Enrollment Yr.	YR 1	YR 2	YR 3	YR 4	YR 5	YR 6	YR 7	YR 8	YR 9	YR 10	YR 11	YR 12	YR 13	YR 14
Estimated Annual Subscription Cost	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216
Estimated Annual Subscription Credit	\$2,231,916	\$2,257,686	\$2,283,369	\$2,309,508	\$2,335,967	\$2,362,729	\$2,389,798	\$2,417,176	\$2,444,869	\$2,472,878	\$2,501,209	\$2,529,864	\$2,558,847	\$2,588,169
Annual Bill Impact	(\$78,300)	(\$32,730)	(\$26,868)	(\$708)	\$23,751	\$52,515	\$79,581	\$106,960	\$134,052	\$162,662	\$190,892	\$219,648	\$248,651	\$277,946
Net Cumulative Impact	(\$78,300)	(\$111,031)	(\$157,898)	(\$158,607)	(\$132,856)	(\$80,343)	(\$767)	\$106,198	\$240,850	\$403,512	\$594,504	\$814,152	\$1,062,783	\$1,340,729
Enrollment Yr.	YR 16	YR 17	YR 18	YR 19	YR 20	YR 21	YR 22	YR 23	YR 24	YR 25	YR 26	YR 27	YR 28	YR 29
Estimated Annual Subscription Cost	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216	\$2,310,216
Estimated Annual Subscription Credit	\$2,647,805	\$2,678,140	\$2,708,822	\$2,739,855	\$2,771,245	\$2,802,993	\$2,835,106	\$2,867,586	\$2,900,439	\$2,933,668	\$2,967,277	\$3,001,272	\$3,035,656	\$3,070,434
Annual Bill Impact	\$337,589	\$367,923	\$398,605	\$429,639	\$461,028	\$492,777	\$524,889	\$557,370	\$590,222	\$623,451	\$657,061	\$691,055	\$725,439	\$760,217
Net Cumulative Impact	\$1,985,915	\$2,353,839	\$2,752,444	\$3,182,083	\$3,643,111	\$4,135,888	\$4,660,777	\$5,218,147	\$5,808,369	\$6,431,829	\$7,088,881	\$7,779,936	\$8,505,376	\$9,265,593
30 yr Net Present Value at 3%	\$5,291,044													
30 yr Net Present Value at 5%	\$3,536,103													
30 yr Net Present Value at 7%	\$2,407,904													



