

MIAMI BEACH

City of Miami Beach, 1700 Convention Center Drive, Miami Beach, Florida 33139, www.miamibeachfl.gov

COMMITTEE MEMORANDUM

TO: Sustainability and Resiliency Committee

FROM: Jimmy L. Morales, City Manager

DATE: October 23, 2019

SUBJECT: **DISCUSSION ON THE CITY PARTNERING WITH FPL EVOLUTION PROGRAM TO EXPAND EV-CHARGING STATIONS IN MIAMI BEACH**

BACKGROUND

On September 11, 2019, the Mayor and City Commission referred a discussion to the Sustainability and Resiliency Committee regarding the City partnering with Florida Power & Light (FPL) EVolution program to expand Electric Vehicles (EV) charging stations in Miami Beach.

ANALYSIS

FPL EVolution EV charging stations program (Attachment A) is a turn-key program, where FPL provides the installation of EV charging stations to municipalities at selected agreed areas. FPL is responsible for all the electrical infrastructure installation, as well as all permits, licenses and approvals necessary for the installation and operation of the EV charging station equipment. Under this program, the EV charging station would belong to FPL and the final user would be able to use the EV charging station for free. The City would be responsible for paying for the electricity used by the EV charging stations. Within FPL's agreements there were several requests regarding the use of the property, length of agreement and its renewal, data usage, insurance, indemnification, amongst others (Attachment B).

Given the current agreements the city has with Blink and Tesla, FPL Evolution's program would be a better fit for municipal operations rather than a citywide program since the city would be responsible for all the energy consumption from the EV charging. As the city is also working on greening its fleet, this program would present an opportunity to create the needed electrical infrastructure in city's garages for the municipal fleet usage. Having the cost of electrical infrastructure supported by FPL, would allow the city to invest in the purchase of EVs instead.

CONCLUSION

The following is presented to the members of the Sustainability and Resiliency Committee for discussion. Staff recommends continuing negotiation with FPL to proceed with a partnership to provide EV stations for the city fleet.

ATTACHMENTS

- A- Evolution program fact sheet
- B- FPL EV Charging equipment Agreement