

MEMORANDUM

Agenda Item No. 11(A)(3)

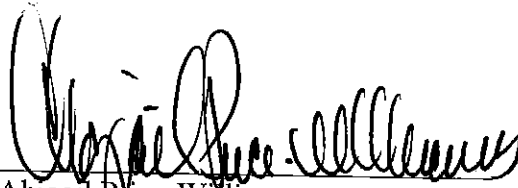
TO: Honorable Chairman Esteban L. Bovo, Jr.
and Members, Board of County Commissioners

DATE: March 21, 2017

FROM: Abigail Price-Williams
County Attorney

SUBJECT: Resolution directing the Mayor
to study the capacity and
feasibility for generating solar
energy at County properties and
prepare a report for this Board

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Daniella Levine Cava and Co-Sponsors Vice Chairwoman Audrey E. Edmonson, Commissioner Sally A. Heyman, Commissioner Barbara J. Jordan and Commissioner Rebeca Sosa.


Abigail Price-Williams
County Attorney

APW/lmp




MEMORANDUM

(Revised)

TO: Honorable Chairman Esteban L. Bovo, Jr.
and Members, Board of County Commissioners

DATE: March 21, 2017

FROM: 
Abigail Price-Williams
County Attorney

SUBJECT: Agenda Item No. 11(A)(3)

Please note any items checked.

- "3-Day Rule" for committees applicable if raised
- 6 weeks required between first reading and public hearing
- 4 weeks notification to municipal officials required prior to public hearing
- Decreases revenues or increases expenditures without balancing budget
- Budget required
- Statement of fiscal impact required
- Statement of social equity required
- Ordinance creating a new board requires detailed County Mayor's report for public hearing
- No committee review
- Applicable legislation requires more than a majority vote (i.e., 2/3's _____, 3/5's _____, unanimous _____) to approve
- Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor

Agenda Item No. 11(A)(3)

Veto _____

3-21-17

Override _____

RESOLUTION NO. _____

RESOLUTION DIRECTING THE MAYOR OR MAYOR'S
DESIGNEE TO STUDY THE CAPACITY AND FEASIBILITY
FOR GENERATING SOLAR ENERGY AT COUNTY
PROPERTIES AND PREPARE A REPORT FOR THIS BOARD

WHEREAS, solar energy is an alternative for producing electricity and hot water that is more sustainable and safe, is advantageous for emergency management and disaster recovery considerations, and may be more economical and make the current electric grid more resilient, as compared with other energy sources such as nuclear or fossil fuels; and

WHEREAS, the County owns properties which have the potential to generate solar energy and hot water, which could be both economically and environmentally beneficial to Miami-Dade County; and

WHEREAS, placing solar photovoltaic and solar hot water systems may be cost effective for certain County properties and not cost effective for others based on a variety of factors, including, but not limited to, the available placement area, the amount of energy and hot water that could be used by the County onsite, and the estimated cost of installation and maintenance; and

WHEREAS, in order to best determine how to proceed with the generation of electricity and hot water using solar technology at County properties, the County should study and evaluate the capacity and feasibility for generating electricity and hot water with solar technology at County properties, and such analysis should include cost benefit analyses, opportunities to sell or net-meter the energy output, the return on investment for different funding options, and creative low-interest financing opportunities using the County's property and rooftops in particular,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board hereby:

Section 1. Directs the Mayor or Mayor's designee to study and evaluate the capacity and feasibility of generating electricity and hot water using solar technology at County properties, together with an analysis of all County properties, including but not limited to those managed by PortMiami, Aviation, Solid Waste, Internal Services Division, Water and Sewer Department, Fire Rescue, Police, Libraries, Public Housing and Community Development, and Parks and Recreation. This study shall, at a minimum, provide a preliminary analysis of the following: the estimated cost of installation and maintenance; available area where solar photovoltaic and solar hot water systems could be placed; the amount of electricity and hot water that are being used by the County onsite; and the opportunity to net-meter the output. The study shall also identify different funding options and creative low-interest financing opportunities using the County's own property and rooftops in particular. For parks and environmental conservation properties, this study shall be limited to analyzing the potential use of solar photovoltaic and solar hot water systems to the extent that such use would be both (a) limited to existing rooftops and existing parking lots and (b) would not in any way disturb the parks or environmental conservation lands themselves. The preliminary assessment should include a prioritized list of County properties that are recommended for additional in-depth analysis. In order to facilitate this study and evaluation, the Mayor or Mayor's designee shall designate senior level executives from the above-mentioned departments or divisions, as appropriate, to assist with this study.

Section 2. Directs the Mayor or Mayor’s designee to prepare a report with the above evaluation and analyses and, pursuant to Ordinance No. 14-65, to place the completed report on an agenda of this Board within 1 year of the effective date of this resolution.

The Prime Sponsor of the foregoing resolution is Commissioner Daniella Levine Cava and the Co-Sponsors are Vice Chairwoman Audrey M. Edmonson, Commissioner Sally A. Heyman, Commissioner Barbara J. Jordan and Commissioner Rebeca Sosa.

It was offered by Commissioner _____, who moved its adoption. The motion was seconded by Commissioner _____ and upon being put to a vote, the vote was as follows:

- | | |
|-------------------------------------|----------------------|
| Esteban L. Bovo, Jr., Chairman | |
| Audrey M. Edmonson, Vice Chairwoman | |
| Bruno A. Barreiro | Daniella Levine Cava |
| Jose "Pepe" Diaz | Sally A. Heyman |
| Barbara J. Jordan | Joe A. Martinez |
| Jean Monestime | Dennis C. Moss |
| Rebeca Sosa | Sen. Javier D. Souto |
| Xavier L. Suarez | |

The Chairperson thereupon declared the resolution duly passed and adopted this 21st day of March, 2017. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this Resolution and the filing of this approval with the Clerk of the Board.

MIAMI-DADE COUNTY, FLORIDA

BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.



Abbie Schwaderer-Raurell