

MEMORANDUM

Agenda Item No. 11(A)(4)

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

DATE: October 2, 2018

FROM: Abigail Price-Williams
County Attorney

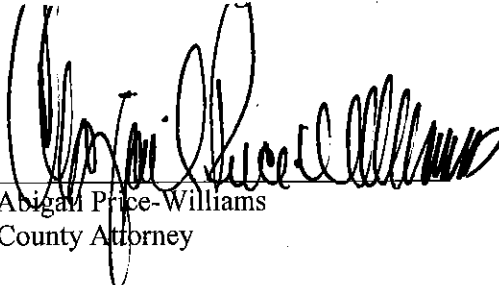
SUBJECT: Resolution establishing goals for the reduction of gasoline and diesel fuel consumption in County operations by 2028; directing the County Mayor to use baseline inventory metrics to collect information on county fleet vehicle fuel consumption; directing the County Mayor to evaluate opportunities to improve fuel efficiency in Police fleet vehicles; directing the County Mayor to increase the purchase of electric buses; establishing goal that the transit bus fleet have at least 50 percent battery electric powered buses by 2035; directing the County Mayor to incorporate fossil fuel reduction goals into GreenPrint Sustainability Plan; and directing the County Mayor to provide annual reports to the Board detailing progress of achieving sustainability goals set forth herein

Resolution No. R-1034-18

A substitute was presented and forward to the BCC with a favorable recommendation at the 9-12-18 Chairman's Policy Council. The substitute differs from the original item in that it adds a directive to the County Mayor or County Mayor's designee to use baseline inventory metrics that collects a minimum set of listed information for each County vehicle fleet class in order to better track the progress of reducing gasoline and diesel fuel consumption in County fleet vehicles. This additional directive is also reflected in the title.

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Daniella Levine Cava.

APW/lmp


Abigail Price-Williams
County Attorney

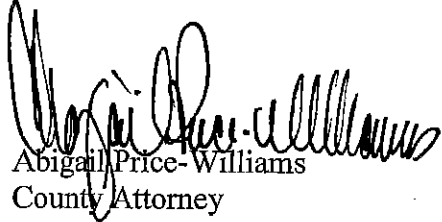


MEMORANDUM

(Revised)

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

DATE: October 2, 2018

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Abigail Price-Williams
County Attorney

SUBJECT: Agenda Item No. 11(A)(4)

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

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Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 11(A)(4)
10-2-18

RESOLUTION NO. R-1034-18

RESOLUTION ESTABLISHING GOALS FOR THE REDUCTION OF GASOLINE AND DIESEL FUEL CONSUMPTION IN COUNTY OPERATIONS BY 2028; DIRECTING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO USE BASELINE INVENTORY METRICS TO COLLECT INFORMATION ON COUNTY FLEET VEHICLE FUEL CONSUMPTION; DIRECTING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EVALUATE OPPORTUNITIES TO IMPROVE FUEL EFFICIENCY IN POLICE FLEET VEHICLES; DIRECTING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO INCREASE THE PURCHASE OF ELECTRIC BUSES; ESTABLISHING GOAL THAT THE TRANSIT BUS FLEET HAVE AT LEAST 50 PERCENT BATTERY ELECTRIC POWERED BUSES BY 2035; DIRECTING THE COUNTY MAYOR OR COUNTY'S MAYOR'S DESIGNEE TO INCORPORATE FOSSIL FUEL REDUCTION GOALS INTO GREENPRINT SUSTAINABILITY PLAN; AND DIRECTING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO PROVIDE ANNUAL REPORTS TO THE BOARD DETAILING PROGRESS OF ACHIEVING SUSTAINABILITY GOALS SET FORTH HEREIN

WHEREAS, reducing carbon dioxide (CO₂) emissions in County operations has long been a policy of Miami-Dade County (the "County"); and

WHEREAS, on December 14, 1993, the Board of County Commissioners (the "Board") unanimously approved a plan entitled "A Long Term CO₂ Emissions Reduction Plan for Miami-Dade County" which calls for, among other goals, improving the County's fleet fuel efficiency, thus reducing the CO₂ releases associated with County operations; and

WHEREAS, in 2008, via the adoption of Resolution No. R-1431-08, the County became a signatory to the National Association of Counties' (NACo) "Cool Counties Climate Stabilization Declaration", agreeing to reduce countywide CO₂ emissions by 80 percent by 2050; and

WHEREAS, a substantial source of CO₂ emissions in County operations is through the use of the County's own vehicle fleet; and

WHEREAS, on September 9, 2003, the Board approved Resolution No. R-969-03, which established a goal of reducing the County's total gasoline consumption by 20 percent by 2008; and

WHEREAS, while the goal established by Resolution No. R-969-03 led to the conversion of the County non-emergency small vehicle fleet to nearly all hybrid-electric vehicles and the purchase of a few fully electric vehicles, and a reduction in the total number of SUVs in the County fleet, the County ultimately fell short of the fuel consumption reduction goals established by the Board in 2003; and

WHEREAS, the initial fuel reduction targets did not include the Miami-Dade Police Department's (MDPD) vehicle fleet, which represents the largest percentage of the small vehicle fleet, due to the shortage of more fuel efficient options that met MDPD's needs at the time; and

WHEREAS, as compared to 2003, there exists today more options to utilize highly fuel efficient police vehicles, including but not limited to, police pursuit vehicles; and

WHEREAS, in 2010 the County released its long-term sustainability plan entitled "GreenPrint: Our Design for a Sustainable Future" (the "GreenPrint Sustainability Plan"); and

WHEREAS, the GreenPrint Sustainability Plan's goal is to provide a framework for action to make County government operations more "green," and to improve the overall sustainability of the County and includes a set of overarching sustainability goals along with specific initiatives or measures that the County can take to achieve those goals; and

WHEREAS, Miami-Dade's heavy fleet operations are becoming more efficient through the deployment of hybrid-electric, compressed natural gas powered and battery electric buses and other heavy fleet vehicles, and was a pioneer in the use of hybrid trash collection trucks; and

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WHEREAS, this Board wants to build upon the County's decades-long commitment of reducing CO₂ emissions and establish new goals for gasoline and diesel fuel reduction in order to reduce fuel costs and promote a greener and more sustainable future for all of Miami-Dade County,

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

Section 1. Establishes new goals for the reduction of gasoline and diesel fuel consumption in County operations. Specifically, the Board directs that the County reduce from 2016 baseline year data the consumption of gasoline by 30 percent and the consumption of diesel fuel by 70 percent by 2028. >>In furtherance of these goals and to better track the progress of reducing gasoline and diesel fuel consumptions in County fleet vehicles, the County Mayor or County Mayor's designee is directed to use baseline inventory metrics that collects, at a minimum, the following information for each County fleet vehicle class: (1) number of vehicles in fleet class; (2) average miles per gallon; (3) annual miles driven; (4) quantity of fuel consumed by fuel type; and (5) cost of fuel consumed by fuel type.<<¹

Section 2. Directs the County Mayor or County Mayor's designee to evaluate opportunities to improve fuel efficiency in the MDPD fleet without sacrificing public safety to help achieve the gasoline and diesel fuel reduction goals set forth above in Section 1.

Section 3. Directs the County Mayor to increase the purchase and use of electric buses and establishes a goal that, by 2035, the County's transit bus fleet have at least 50 percent battery electric powered buses.

¹ The differences between the substitute and the original item are indicated as follows: Words stricken through and/or [[double bracketed]] shall be deleted, words underscored and/or >>double arrowed<< are added.

Section 4. Directs the County Mayor or County Mayor's designee to incorporate the goals set forth in this resolution into the County's Greenprint Sustainability Plan.

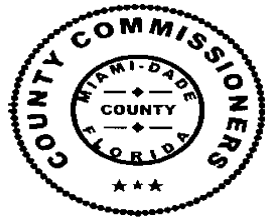
Section 5. Directs the County Mayor to provide annual reports to the Board detailing the progress made toward achieving the goals set forth in this resolution. Such completed annual reports shall be placed on agendas of the Board pursuant to Ordinance No. 14-65.

The Prime Sponsor of the foregoing resolution is Commissioner Daniella Levine Cava. It was offered by Commissioner **Daniella Levine Cava**, who moved its adoption. The motion was seconded by Commissioner **Rebeca Sosa** and upon being put to a vote, the vote was as follows:

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

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The Chairperson thereupon declared this resolution duly passed and adopted this 2nd day of October, 2018. 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: **Christopher Agrippa**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

A handwritten signature in black ink, appearing to be "EWG", written over a horizontal line.

Eduardo W. Gonzalez