



MEMORANDUM

Agenda Item No. 11(A)(6)

TO: Honorable Chairman Bruno A. Barreiro
and Members, Board of County Commissioners

DATE: November 20, 2008

FROM: R. A. Cuevas, Jr.
County Attorney

SUBJECT: Resolution directing the Mayor to
explore use of high frequency plasma
electrodeless induction lamps in
County buildings

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Rebeca Sosa.

R. A. Cuevas, Jr.
County Attorney

RAC/cp



MEMORANDUM

(Revised)

TO: Honorable Bruno A. Barreiro
and Members, Board of County Commissioners

DATE: November 20, 2008

FROM: 
R. A. Cuevas, Jr.
County Attorney

SUBJECT: Agenda Item No. 11(A)(6)

Please note any items checked.

- "4-Day Rule" ("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
- Bid waiver requiring County Manager's written recommendation
- Ordinance creating a new board requires detailed County Manager's report for public hearing
- Housekeeping item (no policy decision required)
- No committee review

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 11(A)(6)
11-20-08

RESOLUTION NO. _____

RESOLUTION DIRECTING THE MAYOR OR DESIGNEE TO
EXPLORE USE OF HIGH FREQUENCY PLASMA
ELECTRODELESS INDUCTION LAMPS IN COUNTY
BUILDINGS AND FACILITIES

WHEREAS, induction lamps may provide illumination at less than half the electrical energy of conventional HID (Mercury Vapor, Metal Halide, High Pressure Sodium) lamps, slash CO2 emissions to less than half, and last five times longer; and

WHEREAS, induction lamps may, in comparison with other illumination technologies: have a zero re-start time (hot or cold); use only a fraction of Mercury; produce more lumen (light); have no ballast (which draws a lot of energy, drag power factor, and fail); have no end caps (which often induces failures); have no pins (which hinder a good contact and often cause failures); and illuminate flicker-free; and

WHEREAS, the utilization of induction lamps in County buildings and facilities may provide significant savings to the County and reduce CO2 emissions,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that the Mayor >>or Designee<<¹ is hereby directed to explore the use of >>various lighting technologies, including but not limited to<< high frequency plasma electrodeless induction lamps >>and LED lighting<< in County buildings and facilities and to report to the Board of County Commissioners on the

¹ Words stricken through and/or [[double bracketed]] shall be deleted. Words underscored and/or >>double arrowed<< constitute the amendment proposed. Remaining provisions are now in effect and remain unchanged.

feasibility, financial and otherwise, of such use not later than sixty (60) days after passage of this Resolution.

The Prime Sponsor of the foregoing resolution is 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:

Bruno A. Barreiro, Chairman	
Barbara J. Jordan, Vice-Chairwoman	
Jose "Pepe" Diaz	Audrey M. Edmonson
Carlos A. Gimenez	Sally A. Heyman
Joe A. Martinez	Dennis C. Moss
Dorrin D. Rolle	Natacha Seijas
Katy Sorenson	Rebeca Sosa
Sen. Javier D. Souto	

The Chairman thereupon declared the resolution duly passed and adopted this 20th day of November, 2008. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this 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.



Peter S. Tell