

**BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date: October 17, 2007

Division: **BOCC**

Bulk Item: Yes No

Department: Neugent – District 2

Staff Contact Person/Phone #:
Terri Marble X4512

AGENDA ITEM WORDING:

Approval of a resolution of the Board of County Commissioners of Monroe County, Florida supporting the upcoming test by Keys Hydro Power to determine the feasibility of providing hydro power through turbine farms to generate low-cost electricity to the Florida Keys

ITEM BACKGROUND:

PREVIOUS RELEVANT BOCC ACTION:

CONTRACT/AGREEMENT CHANGES:

STAFF RECOMMENDATIONS:

TOTAL COST: na **BUDGETED:** Yes No

COST TO COUNTY: na **SOURCE OF FUNDS:** _____

REVENUE PRODUCING: Yes No **AMOUNT PER MONTH** ____ **Year** ____

APPROVED BY: County Atty _____ OMB/Purchasing _____ Risk Management _____

DOCUMENTATION: Included Not Required

DISPOSITION: _____ **AGENDA ITEM #** _____

RESOLUTION _____ - 2007

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF MONROE COUNTY, FLORIDA SUPPORTING THE UPCOMING TEST BY KEYS HYDRO POWER TO DETERMINE THE FEASIBILITY OF PROVIDING HYDRO POWER THROUGH TURBINE FARMS TO GENERATE LOW-COST ELECTRICITY TO THE FLORIDA KEYS.

WHEREAS, Florida Keys Hydropower Research Corporation, an active non-profit Florida corporation known as Keys Hydro Power (DBA), is proposing to study the feasibility of building tidal current hydro turbine farms in channels of the Florida Keys for the purpose of generating electricity, and

WHEREAS, prior to the design of tidal turbine farms is a proposed experimental data collecting turbine test at Bahia Honda Channel, and

WHEREAS, a successful result of the feasibility study will lead to the design of hydro turbine farms that have the potential of providing electricity at less expense for the citizens, businesses, government and military in the Florida Keys, and

WHEREAS, Keys Energy System, the utility providing electricity for Key West and the Lower Keys to the Seven Mile Bridge, has a contract with the Florida Municipal Power Agency to purchase all its power, and

WHEREAS, the major expense of purchased power is fuel cost, and

WHEREAS, there is no fuel cost to power a tidal turbine, and

WHEREAS, tidal turbines are environmentally friendly alternative sources of energy that do not produce climate change emissions, and

WHEREAS, Keys Hydro Power, Keys Electric System, and the Florida Municipal Power Agency are in mutual cooperation, and

WHEREAS, Keys Hydro Power proposes to eventually generate substantial clean electricity in the Florida Keys and connect it to the existing grid systems, and

WHEREAS, a primary objective of Keys Hydro Power is to promote conversion to renewable, emission-free energy and environmental responsibility in the Florida Keys, and

NOW THEREFORE, BE IT RESOLVED by the Monroe County Board of County Commissioners that:

1. The feasibility test of Keys Hydro Power is hereby supported.
2. Keys Hydro Power is hereby encouraged to proceed with all deliberate speed.
3. The Board requests all permitting agencies to give this proposal their most serious and timely consideration and requests all citizens to give this valuable project their support.

PASSED AND ADOPTED by the Board of County Commissioners of Monroe County, Florida, at a meeting of said Board held on the 17th day of October, A.D., 2007.

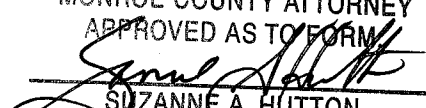
Mayor Mario DiGennaro	_____
Mayor Pro Tem Dixie M. Spehar	_____
Commissioner Charles "Sonny" McCoy	_____
Commissioner Sylvia Murphy	_____
Commissioner George Neugent	_____

(SEAL)
Attest: **DANNY L. KOLHAGE, Clerk**

**BOARD OF COUNTY COMMISSIONERS
OF MONROE COUNTY, FLORIDA**

By _____
Deputy Clerk

By _____
Mayor/Chairman

MONROE COUNTY ATTORNEY
APPROVED AS TO FORM

SUZANNE A. HUTTON
COUNTY ATTORNEY
Date 9/25/07