

OMB Granicus Review

Granicus Title	Ratification of the County Administrator’s approval of the Agreement and Memorandum of Understanding with Duke Energy Florida for purchase of as-available energy and/or parallel operation with a qualifying facility.				
Granicus ID#	24-1914A	Reference #	N/A	Date	10/25/2024

Mark all Applicable Boxes:

Type of Review									
CIP		Grant		Other		Revenue	X	Project	

Fiscal Information:

New Contract (Y/N)	Y	Original Amount	N/A
Fund(s)	4021	Amount of Change (+/-)	N/A
Cost Center(s)	100200	Total Amount	N/A
Program(s)	2224	Amount Available	Total: N/A
Account(s)	3434140 3434141	Included in Applicable Budget? (Y/N)	Y
Fiscal Year(s)	FY25-Termination of Agreement		

Description & Comments	
(What is it, any issues found, is there a financial impact to current/next FY, does this contract vary from previous FY, etc.)	
Revenue generated by the sale of electricity produced by the Waste-to-Energy Facility is budgeted to the Solid Waste Revenue and Operating Fund in the amount of \$33,245,170.00.	
Rates for as-available energy to be paid by Duke are determined by a unit commitment computer program that calculates the hourly avoided energy costs. The rates will be variable. An alternative rate may be negotiated at a later time in a separate agreement.	
The average hourly day-ahead year-to-date marginal prices for the Electric Reliability Council of Texas was \$29.11 per MWh. The average price in the United States between September 24 – October 24, 2024, was \$32.67 per MWh, according to the U.S. Energy Information Administration. Data was not available for Florida from this source. The output of the Waste to Energy Facility is approximately 75 MW when operating at 100% efficiency.	
Revenues for electricity sales in FY24 are estimated to be \$86,649,349.30, below the budgeted amount of \$90,370,970.00, by \$4,321,620.70 or 4.1%.	

Analyst:
James Harrison Lewis

Ok to Sign: