Ruth Nettles

From:

Richzambo@aol.com

Sent:

Wednesday, November 12, 2008 2:06 PM

To:

Filings@psc.state.fl.us

Cc:

Mark Futrell; Tom Ballinger; Cindy Miller

Subject:

Questions posed to Staff re: Navigant Consulting's November 5, 2008 Draft Report

Attachments: 111208 Questions Posed re Draft Report - FINAL.doc

1. Attorney responsible for this electronic filing:

/s/ Richard A. Zambo

Richard A. Zambo

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2. Docket numbers and titles in which filing is submitted:

Docket No. 080503-EI -- In re: Establishment Of Rule On Renewable Portfolio Standard

3. Party on whose behalf this filing is submitted:

The Florida Industrial Cogeneration Association, the City of Tampa and the Solid Waste Authority of Palm Beach County

4. Total number of pages in filing:

One (1) page

5. Document attached:

Questions posed re: Navigant Consulting's November 5, 2008 "Florida Renewable Energy Potential Assessment Draft Report" to be discussed during November 18, 2008 Florida Public Service Commission staff conference call as per November 5, 2008 FPSC notice.

If you have any questions or require anything further in this regard, please do not hesitate to let us know immediately.

/s/ <u>Ríchard A. Zambo</u>

Richard A. Zambo

DOCUMENT NUMBER-DATE

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Before The Florida Public Service Commission

| In re: Establishment Of Rule On |) | Docket No. 080503 - El |
|---------------------------------|---|-------------------------|
| Renewable Portfolio Standard |) | |
| |) | Filed November 12, 2008 |

Questions Posed By Florida Industrial Cogeneration Association, City of Tampa and Solid Waste Authority of Palm Beach County

Re: Navigant Consulting's November 5, 2008 Florida Renewable Energy Potential Assessment Draft Report To Be Discussed During November 18, 2008 Florida Public Service Commission Staff Conference Call As Per November 5, 2008 FPSC Notice.

With respect to off-shore Wind energy:

- What costs are included for interconnecting the generators to the electrical grid?
- What costs are included for transmission from interconnection points to load centers?
- What costs are included for maintenance of interconnection/transmission components?
- What costs are included for "backup" during the hours the technology is unavailable? (<u>i.e.</u> to what extent can wind capacity actually avoid/defer traditional capacity?)

With respect to Solar energy:

- What assumptions are made regarding "degradation" of PV performance over time?
- What assumptions are made regarding impacts on transmission and distribution systems?
- What costs are included for "backup" during the hours the technology is unavailable?

 (i.e. to what extent can solar PV capacity actually avoid/defer traditional capacity?)

With respect to each technology addressed in the report:

- What are the "all-in" costs per kW for each of technology addressed?
- What are the levelized costs per kWh for each of technology addressed?
- What specifically is included in per kW and kWh costs for each technology addressed?

/s/ <u>Ríchard A. Zambo</u>

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