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August 9, 2010

BY HAND DELIVERY

Ms. Ann Cole, Director
Commission Clerk and Administrative Services
Room 110, Easley Building
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 100158-EG

Dear Ms. Cole:

Enclosed for filing on behalf of Florida Public Utilities Company are an original and five copies of Florida Public Utilities Company's Responses to Staff's Third Data Request in the above referenced docket. An electronic version of the table in the response to Item 1 has been transmitted by e-mail to the parties of record.

Please confirm receipt of these documents by stamping the enclosed extra copy of this letter with the date and time.

Thank you for your assistance.

Sincerely,

Norman H. Horton, Jr.

CLERK NUMBER DATE
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- COM _____ NHH/amb
- APA _____ Enclosure
- ECR _____ cc: Mr. Marc Schneidermann
- GCL 1 _____ Parties of Record
- RAD 4** _____
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- ADM _____
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- CLK _____

DOCKET NO. 100158-EG

**FLORIDA PUBLIC UTILITIES COMPANY'S RESPONSE TO
STAFF'S THIRD DATA REQUEST**

- Please provide the Technical Potential and Achievable Potential associated with energy surveys. Please provide the savings from these programs by customer class (Residential and Commercial/Industrial) for the period 2010 through 2019. Please complete the table below and provide an electronic copy in Excel (.xls file format) with the hard copy response.

Response:

Itron did not develop technical or achievable potential for energy surveys. From a pure technical stand point, energy surveys could be conducted for all residential and commercial customers. The following table provided the technical potential based on all existing customers receiving energy surveys in 2010 and new customers receiving them in subsequent years based on the estimated savings in FPUC's 2010 Demand-Side Management Plan.

From an achievable standpoint, the savings would be those contained on Page 2-3 of FPUC's 2010 Demand-Side Management Plan for residential customers and Page 3-3 for commercial customers. The savings from those two pages have been reformatted in the requested table below.

Technical

Year	Residential			Commercial/Industrial		
	Summer Demand	Winter Demand	Annual Energy	Summer Demand	Winter Demand	Annual Energy
	(MW)	(MW)	(GWh)	(MW)	(MW)	(GWh)
2010	11.37	11.37	31.00	4.17	4.17	14.54
2011	0.09	0.09	0.25	0.04	0.04	0.13
2012	0.09	0.09	0.26	0.04	0.04	0.13
2013	0.09	0.09	0.26	0.04	0.04	0.14
2014	0.10	0.10	0.26	0.04	0.04	0.14
2015	0.10	0.10	0.26	0.04	0.04	0.14
2016	0.10	0.10	0.26	0.04	0.04	0.14
2017	0.10	0.10	0.27	0.04	0.04	0.14
2018	0.10	0.10	0.27	0.04	0.04	0.14
2019	0.10	0.10	0.27	0.04	0.04	0.14

Achievable

Year	Residential			Commercial/Industrial		
	Summer Demand	Winter Demand	Annual Energy	Summer Demand	Winter Demand	Annual Energy
	(MW)	(MW)	(GWh)	(MW)	(MW)	(GWh)
2010	0.118	0.118	0.32	0.028	0.028	0.10
2011	0.118	0.118	0.32	0.028	0.028	0.10
2012	0.118	0.118	0.32	0.028	0.028	0.10
2013	0.118	0.118	0.32	0.028	0.028	0.10
2014	0.118	0.118	0.32	0.028	0.028	0.10
2015	0.118	0.118	0.32	0.028	0.028	0.10
2016	0.118	0.118	0.32	0.028	0.028	0.10
2017	0.118	0.118	0.32	0.028	0.028	0.10
2018	0.118	0.118	0.32	0.028	0.028	0.10
2019	0.118	0.118	0.32	0.028	0.028	0.10

2. Please provide a detailed explanation of how FPUC intends to monitor and measure the energy savings attributed to its energy audit programs (Residential and Commercial Energy Survey Programs).

Response:

FPUC's small size precludes it from conducting extensive load research to determine actual savings from energy surveys. FPUC developed its estimated energy survey savings from other larger utilities that can better conduct load research. In addition to the savings identified, FPUC has added the estimated savings from the CFL's provided during the surveys. FPUC will record the customers for which it conducts the surveys and will apply the estimated savings per customer to determine the overall savings from the programs. FPUC will continue to monitor the savings reported by other utilities to determine if any adjustments are necessary to the estimated savings in the future.

CERTIFICATE OF SERVICE

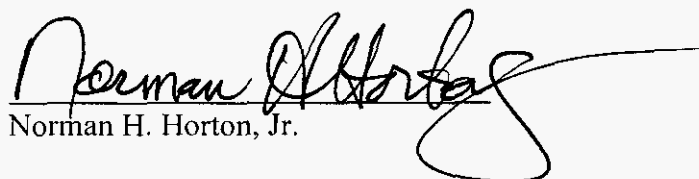
I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by Hand Delivery (*) and/or Electronic Mail on this 9th day of August, 2010.

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