BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Determination)	
of Cost Effective Generation Alternative)	DOCKET NO. 140111-EI
to Meet Need Prior to 2018 for Duke)	Submitted for filing: August 20, 2014
Energy Florida, Inc.)	
SPROVED A REAL COMMENT	_)	REDACTED

DUKE ENERGY FLORIDA, INC.'S SIXTEENTH REQUEST FOR CONFIDENTIAL CLASSIFICATION REGARDING PORTIONS OF REBUTTAL TESTIMONY AND EXHIBITS OF BENJAMIN M.H. BORSCH

Duke Energy Florida, Inc. ("DEF" or the "Company"), pursuant to Section 366.093, Florida Statutes, and Rule 25-22.006(3), Florida Administrative Code ("F.A.C."), files this Request for Confidential Classification Regarding Portions of Rebuttal Testimony and Exhibits of Benjamin M.H. Borsch filed in support of the Company's Petition for Determination of Cost Effective Generation Alternative to Meet Need Prior to 2018 for Duke Energy Florida, Inc. (the "Request"). DEF is seeking confidential classification of the Rebuttal Testimony of Benjamin M.H. Borsch and Exhibits BMHB-12 through BMHB-18 to that Rebuttal Testimony filed with the Florida Public Service Commission ("FPSC" or the "Commission") in the above referenced docket on August 5, 2014: (1). An unredacted version of the documents discussed above is being filed under seal with the Commission as Appendix A on a confidential basis to keep the

competitive business information in those documents confidential.

APA In support of this Request, DEF states as follows:

The Confidentiality of the Documents at Issue

Section 366.093(1), Florida Statutes, provides that "any records received by the Commission which are shown and found by the Commission to be proprietary confidential Dusiness information shall be kept confidential and shall be exempt from [the Public Records Act]." § 366.093(1), Fla. Stat. Proprietary confidential business information means information that is (i) intended to be and is treated as private confidential information by the Company, (ii)

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because disclosure of the information would cause harm, (iii) either to the Company's ratepayers or the Company's business operation, and (iv) the information has not been voluntarily disclosed to the public. § 366.093(3), Fla. Stat. Specifically, "information concerning bids or other contractual data, the disclosure of which would impair the efforts of the public utility or its affiliates to contract for goods or services on favorable terms" is defined as proprietary confidential business information. § 366.093(3)(d), Fla. Stat. Additionally, subsection 366.093(3)(e) defines "information relating to competitive interests, the disclosure of which would impair the competitive business of the provider of the information," as proprietary confidential business information.

Testimony Exhibits

As listed above, the Rebuttal Testimony and Exhibits No. BMHB-12 through BMHB-18 of Mr. Borsch contains confidential and sensitive information and numbers regarding the supply-side generation proposal evaluated by the Company to meet its capacity needs in the summers of 2016 and 2017, the disclosure of which would impair DEF's competitive business interests and ability to negotiate favorable contracts, as well as violate contractual nondisclosure provisions of these bids. See Affidavit of Borsch, ¶ 4. In order to obtain such proposals, DEF must be able to ensure potential bidders that the terms of their bids will be kept confidential. If such assurances are not provided, potential bidders know that the terms of their bids are subject to public disclosure, they might withhold sensitive information necessary for the utility to fully understand and accurately assess the costs and benefits of their proposals. Persons or companies who otherwise would have submitted bids in response to the utility's RFP might not do so if there is no assurance that their proposals would be protected from disclosure. Furthermore, the information at issue relates to the competitive interests of DEF and the bidding entities, the disclosure of which would impair their competitive business interests. See Affidavit of Borsch,

¶ 4.

Disclosure of any of this information would adversely impact DEF's competitive business interests. Specifically, the information at issue relates to competitively negotiated contractual data the disclosure of which would impair the efforts of the Company to negotiate on favorable terms. Affidavit of Borsch, ¶ 5. The Company must be able to assure these vendors that sensitive business information will be kept confidential. Indeed, most of the contracts at issue contain confidentiality provisions that prohibit the disclosure of the terms of the contract to third parties. Id. If third parties were made aware of confidential contractual terms and conditions that the Company has with other parties, they may offer DEF less competitive contractual terms and conditions in any future contractual negotiations. Without DEF's measures to maintain the confidentiality of sensitive terms in contracts between DEF and these contractors, the Company's efforts to obtain competitive contracts would be undermined. Affidavits of Borsch, ¶ 5.

Confidentiality Procedures

Strict procedures are established and followed to maintain the confidentiality of the terms of all of the confidential documents and information at issue, including restricting access to those persons who need the information and documents to assist the Company. See Affidavit of Borsch, ¶ 6.

At no time has the Company publicly disclosed the confidential information or documents at issue; DEF has treated and continues to treat the information and documents at issue as confidential. See Affidavit of Borsch, ¶ 7. DEF requests this information be granted confidential treatment by the Commission.

Conclusion

The competitive, confidential information at issue in this Request fits the statutory definition of proprietary confidential business information under Section 366.093, Florida

Statutes, and Rule 25-22.006, F.A.C., and therefore that information should be afforded confidential classification. In support of this motion, DEF has enclosed the following:

- (1) A separate, sealed envelope containing one copy of the confidential Appendix A to DEF's Sixteenth Request for Confidential Classification which DEF intends to request confidential classification with the appropriate section, pages, or lines containing the confidential information highlighted. This information should be accorded confidential treatment pending a decision on DEF's Request by the Commission;
- (2) Two copies of the documents with the information for which DEF intends to request confidential classification redacted by section, pages, or lines where appropriate as Appendix B; and,
- (3) A justification matrix of the confidential information contained in Appendix A supporting DEF's Request, as Appendix C.

WHEREFORE, DEF respectfully requests that the redacted portions of the Rebuttal Testimony and Exhibits BMHB-12 through BMHB-18 of Mr. Borsch be classified as confidential for the reasons set forth above.

Respectfully submitted this 20th day of August, 2014.

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CERTIFICATE OF SERVICE

I HEREBY CERTIFY a true and correct copy of the foregoing has been furnished to counsel and parties of record as indicated below via electronic and overnight mail this 20th day of August, 2014.

/s/ Blaise N. Gamba Attorney

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DOCKET 140111-EI

In re: Petition for Determination of Cost Effective Generation Alternative to Meet Need Prior To 2018 For Duke Energy Florida, Inc.

Duke Energy Florida, Inc.'s Sixteenth Request for Confidential Classification

EXHIBIT B

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Determination of Cost Effective Generation Alternative to Meet Need Prior to 2018 for Duke Energy Florida, Inc.

DOCKET NO. 140111-EI Submitted for filing: August 5, 2014

REDACTED

REBUTTAL TESTIMONY
OF BENJAMIN M.H. BORSCH

ON BEHALF OF DUKE ENERGY FLORIDA, INC.

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Uprate Project, to determine the most cost effective alternative to meet its need prior to 2018.

testimony.

Q. What were the NRG and Calpine generation capacity proposals to meet DEF's need prior to 2018?

A. NRG made two proposals to DEF to meet DEF's generation capacity needs prior to 2018. One NRG proposal and the second was an acquisition proposal or an offer to sell the NRG three combustion turbine ("CT"), 471MW plant to DEF. This is the "Acquisition 1" proposal that NRG witness Mr. Pollock recommends as an alternative to DEF's self-build generation projects in his direct testimony. Both NRG proposals are identified in Exhibit No. ____ (BMHB-7) and Exhibit No. ____ (BMHB-8) to my direct

Calpine also submitted and an acquisition proposal to DEF to meet DEF's need for generation capacity prior to 2018. Calpine's separate acquisition proposal was an offer to sell its 594MW combined cycle power plant to DEF. Calpine's PPA and acquisition proposals are also identified in Exhibit No. ____ (BMHB-7) and Exhibit No. ____ (BMHB-8) to my direct testimony.

These NRG and Calpine proposals were evaluated in DEF's generation resource options assessment that is described in detail in my direct testimony and exhibits in this Docket. As I explain there, based on that assessment, including all quantitative and qualitative costs and risks, the Company

consummated; and (iii) all costs, including legal and expert fees, at FERC to attempt to obtain FERC approval of the PPA with the acquisition option. In other words, DEF expected NRG and Calpine to take all the risk --- not DEF's customers --- that FERC would not approve their proposed PPA structure with the plant acquisition to get DEF the value of the acquisition as soon as possible without substantial mitigation. Structuring the deal to accomplish this objective was complicated.

NRG'S FINAL AND BEST OFFER.

Q. Did NRG make a final and best offer to DEF?

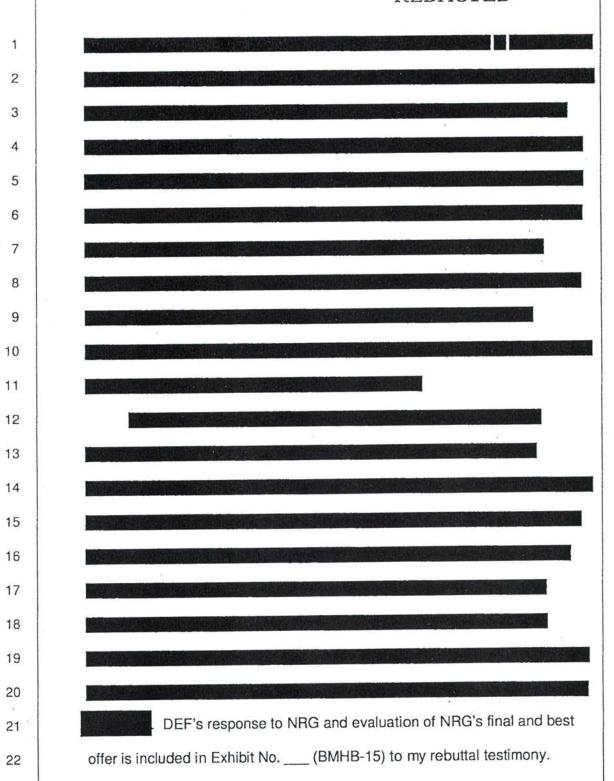
A. Yes. NRG submitted a final and best offer to DEF on June 18, 2014. NRG's final and best offer was intended, we believe, to address DEF's quantitative and qualitative concerns with NRG's original acquisition proposal including the FERC Competitive Analysis Screen failure. NRG's final and best offer is included as Exhibit No. ___ (BMHB-14) to my rebuttal testimony.

Q. Were DEF's concerns addressed in NRG's final and best offer?

A. No. NRG's final and best offer was at least negative on a

Cumulative Present Value Revenue Requirements ("CPVRR") basis compared to the Suwannee Simple Cycle Project and Hines Chillers Power Uprate

Project. NRG proposed



1		Direct Test., pp. 8-9). Calpine's July 3 rd final and best offer is included as
2		Exhibit No (BMHB-17) to my rebuttal testimony.
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4	Q.	What was the first final and best offer that Calpine made to DEF?
5	A.	Calpine proposed a
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8		See Exhibit No (BMHB-16) to my rebuttal testimony.
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10	Q.	What was DEF's response to the Calpine June 16th offer?
11	A.	DEF could not accept this offer because it did not "close the gap" between the
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REDACTED 1 2 3 4 5 6 7 DEF explained this to Calpine in a June 26, 2014 letter 8 that is included in Exhibit No. ____ (BMHB-13) to my rebuttal testimony. 9 10 What was Calpine's response to DEF's concerns in DEF's June 26, 2014 Q. 11 letter to Calpine? 12 Calpine's response was to make its July 3rd final and best offer to DEF. A. 13 Calpine witness Mr. Thornton correctly describes this July 3rd offer in his direct 14 testimony as a five-year PPA for 515MW of capacity and energy with a 15 quaranteed heat rate and plant availability. Calpine lowered the capacity 16 payments during the PPA. (Thornton Direct Test., p. 8, lines 2-15; Exhibit No. 17 (BMHB-17) to my rebuttal testimony). 18 provided 19 "subject to certain DEF the option to purchase the plant for 20 adjustments the terms of which would be negotiated by Calpine" and DEF. 21 (Thornton Direct Test., p. 8, lines 15-19). Calpine further provided for the first 22 time terms that addressed the risk that FERC might not approve the Calpine 23

PPA-acquisition proposal or that FERC might approve it only with mitigation. All other terms of the Calpine July 3rd final and best offer remained the same as the June 16th Calpine offer. See Exhibit No. ____ (BMHB-17) to my rebuttal testimony. In this final and best offer Calpine attempted to address DEF's concerns with its initial plant acquisition proposal and its June 16th final and best offer and to "close the gap" between the cost effectiveness of the Calpine plant acquisition and the Company's Suwannee Simple Cycle Project and the Hines Chillers Power Uprate Project to meet DEF's need prior to 2018.

- Q. Was the Calpine July 3rd final and best offer more cost effective for DEF's customers than the Company's self-build generation projects?
- A. No. On a CPVRR basis, accounting for all the costs to DEF of the Calpine
 July 3rd final and best offer, the Calpine July 3rd offer is still
 less
 cost effective in a FERC no mitigation scenario,
 less cost effective
 in a FERC mitigation scenario where DEF has to default to a delayed DEF
 self-build generation plan, and less cost effective if DEF were to
 accept the full five years of the PPA with no acquisition. Calpine moved closer
 to the cost-effectiveness of DEF's self-build generation resources to meet
 DEF's need prior to 2018, but Calpine did not fully close that gap, thus, the
 Company's Suwannee Simple Cycle Project and the Hines Chillers Power
 Uprate Project are still the most cost effective generation capacity resources to
 meet DEF's need prior to 2018. Please see DEF's evaluation of Calpine's July

plant capacity year-round, DEF does not have firm transmission rights to obtain the full plant capacity across TEC's system and onto DEF's system.

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Mr. Hibbard admits --- contrary to Mr. Simpson's testimony --- that only 249MW of the Calpine plant capacity can be supplied on a firm basis under the PPA prior to the new \$150 million transmission infrastructure. (Hibbard Direct Test., p. 13, lines 21-23). While Mr. Simpson takes the position that the Calpine plant can firmly deliver DEF more than 249MW of plant capacity even before the new transmission infrastructure is constructed with the use of operating procedures and re-dispatch of generation resources by both DEF and TEC, he at least admits that "additional transmission service will need to be purchased from TEC for the delivery of additional energy and capacity" from Calpine's plant to DEF. (Simpson Direct Test., p. 8, lines 12-14). Mr. Hibbard does not include the costs for this additional transmission service to deliver the full plant capacity to DEF under the PPA in the Calpine July 3rd offer in his CPVRR adjustments. DEF, in its evaluation of the Calpine offer, attempted to address these issues by modeling a scenario in which the available transmission capacity was limited to 249MW during four peak months of the year and the full 515MW was available during the remaining eight months, shaping the expected transmission charges owed to TEC accordingly. The cost of this transmission service over the term of the PPA in the July 3rd offer has a negative CPVRR impact of for the Calpine PPA-acquisition proposal. Mr. Hibbard ignores these costs in his adjustments to the CPVRR evaluation in his direct testimony.

customers and TEC's customers to assume this uneconomic re-dispatch cost to enable Calpine to deliver its full plant capacity to DEF when it is needed.

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What costs are associated with the plant acquisition at a later date under Q. the July 3rd offer that Mr. Hibbard does not include in his analysis?

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DEF included costs to account for the Calpine plant condition including A. necessary expected maintenance contract and other costs to align the maintenance of the Calpine plant with DEF's other combined cycle generation plants if the Calpine plant was acquired by DEF. The Calpine plant, despite Calpine's witnesses' claims about its reliable operation, is ten years old and it will be at least 15 years old at the latest time of the acquisition under the Calpine July 3rd PPA-acquisition offer. Notably, Calpine failed to guarantee upon acquisition the performance or maintenance of the Calpine plant in its July 3rd offer. DEF included direct costs of with a CPVRR impact . It is unreasonable for Calpine and Mr. Hibbard to ignore any additional cost to DEF to maintain and incorporate a 15-year old plant into its system. See Exhibit No. _ (BMHB-18).

In addition, DEF included transaction costs for the actual plant acquisition, which again, Calpine failed to include in its July 3rd offer and Mr. Hibbard failed to include in his CPVRR adjustments. Calpine must admit that there would necessarily be such transaction costs, because even Calpine explains that its offer was not final, but instead subject to negotiation. (Thornton Direct Test., pl. 8, lines 15-16; p. 9, lines 10-12). These costs also

impact the economic comparison of the Calpine July 3 rd offer to the	
Company's self-build generation projects. DEF included a session estimate	ate
for these costs. See Exhibit No (BMHB-18).	

Q. Why is Mr. Hibbard's firm gas transportation cost adjustment incorrect?

A. Mr. Hibbard makes a substantial adjustment to the CPVRR economic evaluation of the Calpine July 3rd proposal based on his unwarranted and unsupported assumption that

. (Hibbard

Direct Test., p. 32, lines 1-6). In other words, Mr. Hibbard says DEF should simply

Mr. Hibbard claims this is a fair allocation because DEF purchases gas on a system or fleet-wide basis, and, therefore, according to him, to level "the playing field" between DEF generation resources and third-party proposals the DEF firm gas transportation contracts should be transferable to any proposal including Calpine's proposal. (Hibbard Direct Test., pp. 30-31).

Mr. Hibbard makes an unsupported assumption that the gas transportation contracts which supply the Suwannee site can be redirected to the Calpine Osprey plant location. This is not correct. Different gas

As mentioned above, there is another reason Mr. Hibbard's simplistic view is inaccurate. If DEF has reserved firm gas transportation now for its Suwannee Simple Cycle Project it does not make economic sense for DEF and its customers to give that firm gas transportation up now for the Calpine proposal or any other proposal only for DEF to have to buy back future firm gas transportation at a higher price when DEF knows its system is growing.

Mr. Hibbard's firm gas transportation CPVRR adjustment fails to compensate DEF's customers for the differential cost that is lost if DEF must purchase firm gas transportation in the future at a higher cost to replace the firm gas transportation it has now but must give up to Calpine under Mr. Hibbard's simplistic view of the use of system firm gas transportation resources.

Q. Did Mr. Hibbard account for the costs associated with the extended operation of the Suwannee Steam units?

A. No. One of the benefits of the construction of the Suwannee Simple Cycle

Project is that it allows for retirement of the more than 50-year old Suwannee

Steam units in 2016. Both Calpine and Mr. Hibbard failed to account for the

cost to extend the retirement of the Suwannee steam units from 2016 to 2018

if FERC approves the Calpine July 3rd PPA-acquisition proposal without

mitigation. The Suwannee steam units are needed for transmission grid

reliability in the North Florida area between 2016 and 2018 if the Suwannee

Simple Cycle Project is not placed in commercial operation in 2016. DEF

included these costs with a CPVRR impact of the sumannee in its analysis.

1	Q.	What additional costs did Mr. Hibbard fail to include for the deferral of
2		the self-build generation projects while DEF and Calpine attempt to
3		obtain FERC approval for the Calpine PPA-acquisition proposal?
4	A.	As explained above, DEF announced in May 2014 that the Suwannee Simple
5		Cycle Project and the Hines Chillers Power Uprate Project were the most cost
6		effective generation capacity to meet DEF's need prior to 2018. DEF filed its
7		Petition and Direct Testimony in support of that determination and DEF
8		necessarily is incurring costs to ensure that the Suwannee Simple Cycle
9		Project can be completed in time to meet DEF's need in 2016 all before
10		DEF received the Calpine final and best offer, which is still subject to FERC
11		approval. There are, therefore, sunk costs associated with this Project that
12		Calpine not DEF's customers must assume.
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15		Mr
16		Hibbard fails to include this cost in his CPVRR analysis entirely.
17		Finally, there obviously will be costs, including legal and expert fees,
18		associated with any attempt to obtain FERC approval of the Calpine July 3rd
19		PPA-acquisition proposal.
20		
21		See Exhibit No (BMHB-17). Mr. Hibbard never
22		included these costs in his CPVRR analysis. DEF and its customers obviously

should not be responsible for the costs of obtaining FERC approval for Calpine's July 3rd proposal.

Recognizing that these costs totaling at least might be the subject of a future "negotiation" on the final purchase price, DEF did not directly include these in its CPVRR analysis, but DEF has identified them as a potential reduction in any benefit to customers if Calpine is not willing to fully net them against the purchase price.

Q: Did Calpine offer any offset to the Suwannee Project Costs?

A. Calpine offered

its July 3rd offer. (See Exhibit No. ___ (BMHB-17); Thornton Direct Test., p. 9,

lines 7-9)

See Exhibit No. ___ (BMHB-18) to my rebuttal testimony.

See Exhibit

No. ___(BMHB-17).

- Q. Please explain the qualitative factors that add risk and cost to the Calpine July 3rd offer.
- A. As I explained above, Calpine acknowledges that many of the terms and conditions of Calpine's July 3rd PPA-acquisition proposal remain to be negotiated and, in Calpine's view, are "subject to certain adjustments."
 (Thornton Direct Test., p. 8, lines 9-10). This includes the terms for the actual

plant acquisition value --- if there was economic value to DEF customers to the plant acquisition in the deal --- as soon as possible by obtaining early FERC approval of the PPA-acquisition offer, and, if FERC did not approve the PPA-acquisition proposal or FERC approved it subject to required mitigation, DEF could get out of the PPA. Hence, the "escape" clause that DEF required and that Calpine finally provided in the July 3rd PPA-acquisition proposal, albeit still subject to further negotiation on the final terms. See Exhibit No. ____ (BMHB-17).

This "escape" clause provision necessarily committed DEF to a minimum two-year PPA with Calpine while DEF and Calpine sought FERC approval of the PPA-acquisition proposal and, if it was not approved or was only approved subject to required mitigation, DEF deferred the in-service of the Suwannee Simple Cycle Project to 2017. This "escape" clause detracted from the value of the Calpine July 3rd offer. In fact, the minimum two-year PPA under the "escape" clause resulted in a negative CPVRR impact of compared to the Company's self-build generation projects. See Exhibit No.

[BMHB-18]. Neither Calpine nor Mr. Hibbard account for this negative CPVRR impact. They both ignore it in their direct testimony.

A:

Q: Did Calpine offer an offsetting payment in this case?

DEF identified, and Calpine recognized, that in the event that DEF suspended the Suwannee Project during the period of consideration by FERC, DEF would incur costs regardless of FERC's eventual ruling on the Calpine PPA-

acquisition proposal. In the event of FERC approval, DEF and Calpine would have to negotiate, in advance, a settlement for the project costs so that they would not accrue to customers as discussed earlier. In the event that FERC does not approve the Calpine PPA-acquisition proposal, or requires mitigation, DEF would incur cost for suspending and restarting the project as well as carrying costs for the funds already committed and the costs for extended operation of the Suwannee steam units.

Calpine offered
(See Exhibit No (BMHB-17) and Thornton Direct
Test., p. 9, lines 7-9).
See Exhibit No (BMHB-18) to my rebuttal testimony.
Company of the Compan
See Exhibit
No (BMHB-17). Mr. Hibbard, however, failed to include
in his analysis.
Finally,
are based on DEF's ability to exercise the
"escape clause" at the end of year two of the PPA (or in 2016). If the PPA

1		Calpine July 3 rd final and best offer is less cost effective by
2		FERC approval scenario and to to the less cost effective in a
3		FERC disapproval or FERC mitigation scenario than the Company's self-build
4		generation projects, depending on the length of the eventual PPA. Please see
5		DEF's evaluation of the Calpine July 3 rd offer in Exhibit No (BMHB-18).
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7	IV.	DEF EVIDENCE UNCONTESTED BY INTERVENOR TESTIMONY IN THIS DOCKET.
8	Q.	What issues will the Commission decide in this Docket?
9	A.	My understanding is that the Commission will determine:
		 (i) Are the proposed Suwannee Simple Cycle Project and Hines Chillers Power Uprate Project needed, taking into account the need for electric system reliability and integrity;
		 (ii) Are the proposed Suwannee Simple Cycle Project and Hines Chillers Power Uprate Project needed, taking into account the need for adequate electricity at a reasonable cost;
		(iii) Are the proposed Suwannee Simple Cycle Project and Hines Chillers Power Uprate Project needed, taking into account the need for fuel diversity and fuel supply reliability;
		(iv) Are there any renewable energy sources and technologies or conservation measures taken by or reasonably available to DEF that might mitigate the need for the proposed Suwannee Simple Cycle Project and Hines Chillers Power Uprate Project;
		(v) Are the proposed Suwannee Simple Cycle Project in 2016 and the Hines Chillers Power Uprate Project in 2017 the most cost-effective alternative available to meet the needs of DEF and its customers; and
n 10		(vi) Did DEF reasonably evaluate all alternative scenarios for cost effectively meeting the needs of its customers over the relevant planning horizon.

the point of Exhibit No. ___ (PJH-6). This means that new generation on DEF's system affects the cost effectiveness of the Calpine plant as a DEF generation system resource in the DEF resource evaluation. So Mr. Hibbard develops a chart comparing the projected energy growth on DEF's system to the projected growth in potential new combined cycle generation from 2018 to 2043 to claim that DEF doesn't need all the new combined cycle generation in its resource evaluation that is negatively affecting the value of Calpine's plant in the production cost dispatch analysis of the system. See Exhibit No. ___ (PJH-5). What Mr. Hibbard has done to create this apparent "overbuild" in future combined cycle generation capacity is to assume that all the existing and new combined cycle generation will always operate at a

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. That assumption is obviously unrealistic and incorrect.

The whole point of resource planning is to add additional generation capacity when it is economic to do so to meet system reliability needs. Arbitrarily forcing the production cost model to run older, more costly to operate and maintain, and less fuel efficient units on the system will yield an overall more expensive system for customers than allowing the production cost model to select the most cost efficient resources even if that means adding new generation and reducing the operation of existing generation on the system. What Mr. Hibbard fails to mention is that the Calpine plant runs at from 2014 to 2026 in his own Exhibit No. a capacity factor of (PJH-6) when the Calpine plant is 10 to 22 years old. Of course, the Calpine plant operation will fall off when the plant is over 20 years old as new,

more fuel efficient generation units are added to the system. DEF's existing, older generation units on the system are not immune from these effects, the same thing happens to the capacity factor and number of starts for DEF's existing combined cycle generation.

- Q. You testified that the LCOE analysis that Mr. Hibbard recommends should only be used to compare "like type" resources. Does Mr. Hibbard use the LCOE analysis to compare "like type" resources?
- A. No. Mr. Hibbard uses his LCOE analysis to compare combined cycle generation the Calpine plant to CT generation the Suwannee Simple Cycle Project. It should not surprise anyone in the utility industry that combined cycle and CT generation have different capital, fixed and variable operation and maintenance ("O&M"), and other costs and different capacity factors. Using the LCOE analysis to make a selection between these two different resource options is not a meaningful exercise to determine which generation option is the most cost effective generation on DEF's system.

Mr. Hibbard's Exhibit No. ___ (PJH-3) illustrates this point. According to Mr. Hibbard, Exhibit No. ___ (PJH-3) demonstrates that the Calpine asset sale at \$85.3 (\$2014/MWh) is more cost effective than the DEF Suwannee Simple Cycle Project at \$168 (\$2014/MWh). But Mr. Hibbard is comparing the Calpine asset sale value at a ____ capacity factor to the value of the Suwannee Simple Cycle Project at a 9.3 percent capacity factor, which is the expected capacity factor for the Suwannee Simple Cycle Project. See Exhibit

No. ____ (PJH-4). If Mr. Hibbard is suggesting that DEF should always compare combined cycle generation costs on a \$/MWh basis at a capacity factor to CT generation on a \$/MWH basis at a roughly 9 percent capacity factor, then, DEF --- or any other public utility for that matter --- will always select the combined cycle generation over the CT generation. Since this will never be the case in the real world where DEF and every other public utility will build generation to meet base, intermediate, and peaking load the LCOE analysis is clearly a meaningless exercise when the utility must determine what type of generation is the most cost effective generation on its system.

- Q. Based on DEF's actual system need prior to 2018, does Mr. Hibbard's LCOE analysis tell you anything about the most cost effective generation resource to meet that need?
- A. It could be read this way. DEF identified a peaking generation need prior to 2018 and that is why the production cost model evaluations in DEF's IRP process identified the Suwannee Simple Cycle Project in 2016. Based on DEF's need for peaking generation on its system prior to 2018, Mr. Hibbard's own exhibit demonstrates that the Suwannee Simple Cycle Project is more cost effective than the Calpine plant. On Exhibit No. ____ (PJH-4), at any capacity factor below ______, the Suwannee Simple Cycle Project is more cost effective on a \$/MWh basis than the Calpine plant. At the expected capacity factor of 9.3 percent for the Suwannee Simple Cycle Project, then,

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Pages 1 through 49

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Determination of Cost Effective Generation Alternative to Meet Need Prior to 2018 for Duke Energy Florida, Inc.

DOCKET NO. 140111-EI Submitted for filing: August 5, 2014

EXHIBIT BMHB-12 OF
REBUTTAL TESTIMONY
OF BENJAMIN M.H. BORSCH
IS COMPETITIVELY SENSITIVE CONFIDENTIAL INFORMATION
IN ITS ENTIRETY

Docket No. 140111-EI
Duke Energy Florida
Exhibit No. ____ (BMHB-13)
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EXHIBIT BMHB-13 OF
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Exhibit No. ____ (BMHB-14)
Pages 1 through 3

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DOCKET NO. 140111-EI Submitted for filing: August 5, 2014

EXHIBIT BMHB-14 OF
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DOCKET NO. 140111-EI Submitted for filing: August 5, 2014

EXHIBIT BMHB-15 OF
REBUTTAL TESTIMONY
OF BENJAMIN M.H. BORSCH
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DOCKET NO. 140111-EI Submitted for filing: August 5, 2014

EXHIBIT BMHB-16 OF
REBUTTAL TESTIMONY
OF BENJAMIN M.H. BORSCH
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Duke Energy Florida
Exhibit No. ____ (BMHB-17)
Pages 1 through 2

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DOCKET NO. 140111-El Submitted for filing: August 5, 2014

EXHIBIT BMHB-17 OF
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OF BENJAMIN M.H. BORSCH
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Docket No. 140111-El
Duke Energy Florida
Exhibit No. ____ (BMHB-18)
Pages 1 through 3

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Determination of Cost Effective Generation Alternative to Meet Need Prior to 2018 for Duke Energy Florida, Inc.

DOCKET NO. 140111-EI Submitted for filing: August 5, 2014

EXHIBIT BMHB-18 OF
REBUTTAL TESTIMONY
OF BENJAMIN M.H. BORSCH
IS COMPETITIVELY SENSITIVE CONFIDENTIAL INFORMATION
IN ITS ENTIRETY

DOCUMENT	PAGE/LINE/	JUSTIFICATION
	COLUMN	266 002(2)(a) El- Stat
Rebuttal Testimony of	Page 13, Line 7, seventh	366.093(3)(a), Fla. Stat.
Benjamin M.H. Borsch on	through eleventh words,	The document in question contains
behalf of Duke Energy	Line 14, fourth through	proprietary confidential
Florida, Inc.	seventh words; Page 23,	information relating to trade
	Line 18, tenth and eleventh	secrets, the disclosure of which
	words, Line 21, all words	would impair DEF's business
	except first three, Lines 22	operations.
	and 23 in their entirety;	
	Page 24, Lines 1 through	§366.093(3)(d), Fla. Stat.
	20 in their entirety, Line	The document portions in question
	21, first word; Page 29,	contain confidential contractual
	Line 5, all words except	information, the disclosure of which would impair DEF's efforts to
	first two, Lines 6 through	contract for goods or services on
	23 in their entirety; Page	favorable terms.
	30, Lines 1 through 7 in	lavolable terms.
	their entirety, Line 8, first	§366.093(3)(e), Fla. Stat.
	word, Lines 12 through 23	The document portions in question
	in their entirety; Page 31,	contain confidential information
	Lines 1 through 7 in their	relating to competitive business
	entirety, Line 8, first two	interests, the disclosure of which
	words, Line 18, last five	would impair the competitive
	words, Line 19, all words	business of the provider/owner of
	except last word, Line 20,	the information.
	ninth and tenth words;	the information.
	Page 32, Line 13 second	
	and third word from end,	
	Line 14, ninth and tenth	
	words, Line 16, sixth and	
	seventh words; Page 35,	la la
	Line 21, fourth and fifth	
	words from end; Page 38,	
	Line 14, ninth and tenth	,
	words, Line 15, second and	
	third words; Page 39, Line	
	2, second and third word	
	from end, Line 6, sixth and	₽
	seventh words, Line 8, last	
	four words, Line 9 in its	
	entirety, Line 10, all words	
	except last word, Line 12,	
	entire line except first	
	word, Lines 13 and 14 in	

DOCUMENT	PAGE/LINE/	JUSTIFICATION
	COLUMN	
	their entirety, Line 15, 1st	
	three words; Page 41, Line	
	23, ninth and tenth words;	
	Page 42, 12 th line, last five	
	words, Lines 13 and 14 in	
	their entirety, Line 15, all	
	words except last one, Line	
	19, last six words, Line 20	
	in its entirety, Line 21, first	
	five words; Page 43, Line	
	3, eighth and ninth words,	*
	Line 10, all words except	
	first two, Line 12, all	
	words except first two,	
	Line 13, first, second and	
	last words, Line 14 in its	
	entirety, Line 15, all words	
	except last two words;	
	Page 45, Line 15, last two	₹ -
	words; Page 46, Line 8, all	
	words except first two,	
	Line 9, first six words;	
	Line 10, last seven words,	
	Lines 11 and 12 in their	
	entirety, Line 13, first and	
	last words, Line 14 in its	*
	entirety, Line 15, all words	
	except last two, Line 16,	
	last three words, Lines 17	
	through 19 in their entirety,	
	Line 20, first four words,	
	Line 21, all words except	
	first one, Line 22, first four	
	words; Page 49, Line 1	
	third and fourth words	
	from the end, Line 2, fifth,	
	sixth eight and ninth	
	words; Page 63, Line 11,	
	last two words, Line 12,	
	first two words, Line 21,	
	fifth through seventh	
	words; Page 64, Line 21,	
	seventh and eighth words;	

DOCUMENT	PAGE/LINE/ COLUMN	JUSTIFICATION
	Page 65, Line 2, last word, Line 21, fourth and fifth words	
Rebuttal Testimony of Benjamin M.H. Borsch on behalf of Duke Energy Florida, Inc., Exhibit BMHB-12	Entire Document	366.093(3)(a), Fla. Stat. The document in question contains proprietary confidential information relating to trade secrets, the disclosure of which would impair DEF's business operations.
		§366.093(3)(d), Fla. Stat. The document portions in question contain confidential contractual information, the disclosure of which would impair DEF's efforts to contract for goods or services on favorable terms.
		§366.093(3)(e), Fla. Stat. The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.
Rebuttal Testimony of Benjamin M.H. Borsch on behalf of Duke Energy Florida, Inc., Exhibit BMHB-13	Entire Document	366.093(3)(a), Fla. Stat. The document in question contains proprietary confidential information relating to trade secrets, the disclosure of which would impair DEF's business operations.
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	e:	§366.093(3)(e), Fla. Stat. The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.	
Rebuttal Testimony of	Entire Document	366.093(3)(a), Fla. Stat.	

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Sixteenth Request for Confidential Classification Confidentiality Justification Matrix

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		interests, the disclosure of which would impair the competitive business of the provider/owner of the information.

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