

Matthew R. Bernier
Associate General Counsel
Duke Energy Florida, LLC.

March 2, 2018

VIA ELECTRONIC FILING

Ms. Carlotta Stauffer, Commission Clerk Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

Re: Fuel and purchased power cost recovery clause with generating performance incentive factor; Docket No. 20180001-EI

Dear Ms. Stauffer:

Enclosures

Please find enclosed for electronic filing on behalf of Duke Energy Florida, LLC ("DEF"), DEF's Request for Confidential Classification filed in connection with the information provided in the direct testimony of Jeffrey Swartz, in Exhibit No. ____(JS-1) to Mr. Swartz's testimony, and in Exhibit No. ____(CAM-2T) and Exhibit No. ____(CAM-3T), to the direct testimony of Christopher A. Menendez for Fuel and Capacity Cost Recovery Actual True Up for the Period Ending January 2017 through December 2017. The filing includes the following:

- DEF's Request for Confidential Classification
- Slipsheet for confidential Exhibit A
- Redacted Exhibit B (two copies)
- · Exhibit C (justification matrix), and
- Exhibit D (affidavits of Christopher A. Menendez and Jeffrey Swartz)

DEF's confidential Exhibit A that accompanies the above-referenced filing has been submitted under separate cover.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

	Respectfully,
	s/Matthew R. Bernier
- mp/	Matthew R. Bernier
MRB/mw	

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.

Docket No. 20180001-EI

Dated: March 2, 2018

DUKE ENERGY FLORIDA LLC'S REQUEST FOR CONFIDENTIAL CLASSIFICATION

Duke Energy Florida, LLC ("DEF" or "Company"), pursuant to Section 366.093, Florida Statutes (F.S.), and Rule 25-22.006, Florida Administrative Code (F.A.C.), submits this Request for Confidential Classification for certain information provided in the direct testimony of Jeffrey Swartz, in Exhibit No. __ (JS-1) to Mr. Swartz's testimony, and in Exhibits No. __ (CAM-2T) and No. __ (CAM-3T) to the direct testimony of Christopher A. Menendez, dated March 2, 2018. In support of this Request, DEF states:

- 1. Information contained in the direct testimony of Jeffrey Swartz, specifically pages 3, 5, 6, and 7, and Exhibit No. __(JS-1), and in Exhibit No. __(CAM-2T), Calculation of Actual True-Up, Sheet 2 of 3, Calculation of Actual/Estimated True Up, Sheet 3 of 3, and Exhibit No. __(CAM-3T), Schedule A12, Sheet 9 of 9, to the direct testimony of Christopher A. Menendez, contain information that is "confidential proprietary business information" under Section 366.093(3), Florida Statutes.
 - 2. The following exhibits are included with this request:
 - (a) Sealed Composite Exhibit A is a package containing unreducted copies of all

the documents for which DEF seeks confidential treatment. Composite Exhibit A is being submitted separately in a sealed envelope labeled "CONFIDENTIAL." In the unredacted versions, the information asserted to be confidential is highlighted in yellow.

- (b) Composite Exhibit B is a package containing two copies of redacted versions of the documents for which the Company requests confidential classification. The specific information for which confidential treatment is requested has been blocked out by opaque marker or other means.
- (c) Exhibit C is a table which identifies by page and line the information for which DEF seeks confidential classification and the specific statutory bases for seeking confidential treatment.
- 3. As indicated in Exhibit C, the information for which DEF requests confidential classification is "proprietary confidential business information" within the meaning of Section 366.093(3), F.S. Specifically, the information at issue relates to contractual cost data pertaining to the sale of Batch 19 Nuclear Fuel. Pursuant to contracts, DEF is obligated to maintain the confidentiality of this information, and therefore it qualifies for confidential classification. *See* § 366.093(3)(d), F.S.; Affidavit of Christopher A. Menendez at ¶ 5. If DEF cannot assure contracting parties that it can maintain the confidentiality of contractual terms, those parties and other similarly situated parties may forego entering contracts with DEF, which would impair the Company to negotiate contracts on favorable terms. *See* § 366.093(3)(d), F.S.; *See* Affidavit of Christopher A. Menendez at ¶ 5-6. Accordingly, such information constitutes "proprietary confidential business information" which is exempt from disclosure under the Public Records Act pursuant to Section 366.093(1), F.S.

- 4. Additionally, the information at issue relates to DEF's Root Cause Analysis Report for the Bartow Steam Turbine Event, the disclosure of which could potentially impact the viability of claims related to the event that DEF may have against third parties, to the detriment of DEF's competitive interests and ultimately to its customers' detriment. *See* § 366.093(3)(e), F.S.; Affidavit of Jeffrey Swartz at ¶ 5. Moreover, certain information in the RCA is proprietary to a third party and DEF's disclosure of that information would impact DEF's ability to contract for goods and services on favorable terms. *See* § 366.093(3)(d), F.S.; Affidavit of Jeffrey Swartz, at ¶ 5. Finally, certain information under claim of confidentiality must be protected because disclosure of that information would allow other parties and the public to compute the confidential information discussed above (e.g., cost subtotals and totals), and therefore that information must be protected from public disclosure in order to protect the contractual information at issue. *See* § 366.093(3)(d) and (e), F.S.; *See* Affidavit of Christopher A. Menendez at ¶¶ 5-6. Accordingly, such information constitutes "proprietary confidential business information" which is exempt from disclosure under the Public Records Act pursuant to Section 366.093(1), F.S.
- 5. The information identified as Exhibit "A" is intended to be and is treated as confidential by the Company. *See* Affidavits of Jeffrey Swartz and Christopher A. Menendez at ¶¶ 5. The information has not been disclosed to the public, and the Company has treated and continues to treat the information at issue as confidential. *See* Affidavits of Jeffrey Swartz at ¶ 6 and Christopher A. Menendez at ¶ 7.
- 5. DEF requests that the information identified in Exhibit A be classified as "proprietary confidential business information" within the meaning of section 366.093(3), F.S., that the information remain confidential for a period of at least 18 months as provided in section 366.093(4) F.S., and that the information be returned as soon as it is no longer necessary for the Commission to conduct its business.

WHEREFORE, for the foregoing reasons, DEF respectfully requests that this Request for Confidential Classification be granted.

RESPECTFULLY SUBMITTED this 2nd day of March, 2018.

s/Matthew R. Bernier____

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Duke Energy Florida, LLC **CERTIFICATE OF SERVICE**

Docket No. 20180001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via email this 2nd day of March, 2018 to all parties of record as indicated below.

<u>s/Matthew R. Bernier</u> Attorney

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Exhibit A

"CONFIDENTIAL"

(filed under separate cover)

Exhibit B

REDACTED

(two copies)

1		discovered a failed LP turbine rupture disk. The disk had been breached by a foreign
2		object that caused a hole in the rupture diaphragm. DEF performed an inspection of
3		the Bartow Steam Turbine ("ST") and discovered damage to the ST's L-0 blades (and
4		determined part of an L-0 blade ruptured the LP turbine rupture disk), resulting in a
5		forced outage to the ST that lasted until April 8, 2017 (while the ST was off-line, the
6		Bartow combustion turbines ("CTs") remained available to run in simple cycle
7		mode).
8		DEF performed a Root Cause Analysis ("RCA") that determined the cause of the L-0
9		blade failure is . After investigation, the
10		RCA Team determined that
11		both in the remainder of Duke Energy Corporation's ("Duke Energy") ST fleet
12		and elsewhere in the industry. Therefore, the failure of the Bartow ST's L-0 Blades
13		was caused by events beyond DEF's control, and DEF could not have reasonably
14		prevented the failure from occurring. DEF's actions prior to and in the wake of the
15		blade failure were reasonable and prudent.
16		
17	Q.	Are you sponsoring any exhibits?
18	A.	Yes. I am sponsoring the DEF RCA Report, attached as Exhibit No (JS-1).
19		
20	Q:	Is the RCA considered confidential by the Company?
21	A:	Yes. The RCA and portions of my testimony discussing the RCA's findings are
22		confidential due to the ongoing claims process with the blades' manufacturer and the
23		potential for insurance claims. In order to protect these rights, this information has

1		restoration team was formed to bring the unit back on-line; and a team was formed to
2		evaluate a long-term solution for Bartow.
3		
4	Q.	Please describe the process DEF followed to ascertain the root cause of the event.
5	A.	DEF created a RCA Team consisting of internal experts to investigate and determine
6		the root cause of the event. The RCA Team consisted of seven individuals with
7		expertise in engineering, operations and process, and human performance.
8		
9		Following industry standard procedures, the RCA Team employed specific tools used
10		to determine potential root cause(s) including: interviews, event and causal factor
11		review ("E&CF"), flawed barrier analysis, change analysis, component analysis,
12		visual inspections of the equipment, photographs taken following the event,
13		engineering calculations and measurements, and detailed review of outage reports and
14		maintenance logs.
15		REDACTED
16	Q.	Please describe the RCA Team's conclusio
17	A.	The DEF RCA Team determined that the root cause of the failures in the ST L-0 40"
18		blades is
19		
20		
21		
22		
23		

1		Notwithstanding the alternative causes hypothesized by the OEM,
2		
3		
4		
5		
6		
7		
8	Q.	Did the RCA Team consider alternative potential root causes?
9	A.	Yes, DEF evaluated potential factors in the operation of the unit as well as specific
LO		design factors unique to these blades, each of which was ultimately rejected as the
l1		cause of the fifth failure and as the overall cause of all five failures.
12		
L3		
L4		
15	Q.	Why did the RCA Team reject these theories?
L6	A.	The detailed rationale for rejecting these competing theories are contained in the
L 7		RCA, but in general (and with the exception of the
18		DEF was unable to find a correlation between any of the
19		individual factors and the blades' failures. However, it should be noted that DEF
20		
21		
22		
23		

Exhibit No.: JS-1

REDACTED

Duke Energy Florida Docket No. 20180001-El

Witness: Swartz Exhibit No.: JS-1

REDACTED

Exhibit No.: JS-1

February 6, 2018

Duke Energy - Confidential

Duke Energy Florida Docket No. 20180001-El Witness: Swartz

Exhibit No.: JS-1

REDACTED

Duke Energy Florida Docket No. 20180001-El Witness: Swartz Exhibit No.: JS-1

REDACTED

Exhibit No.: JS-1

REDACTED

Exhibit No.: JS-1

REDACTED



Duke Energy Florida Docket No. 20180001-El

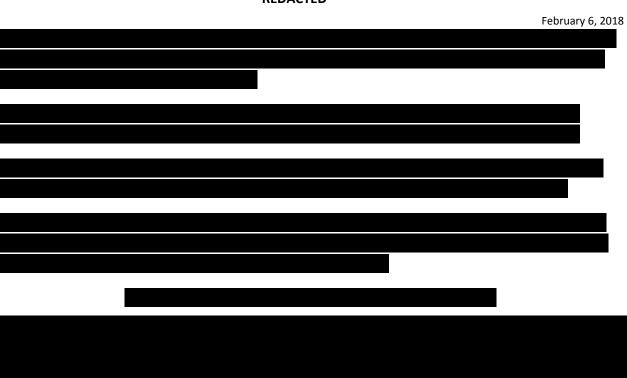
Witness: Swartz Exhibit No.: JS-1



Exhibit No.: JS-1

REDACTED

Witness: Swartz Exhibit No.: JS-1





Witness: Swartz Exhibit No.: JS-1

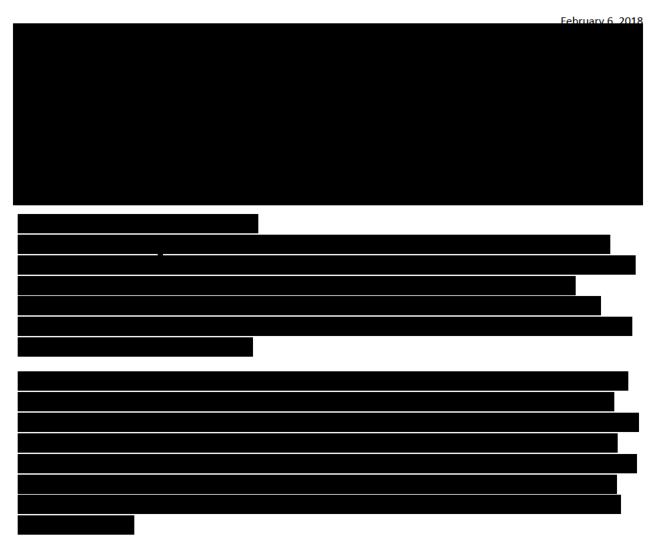


Exhibit No.: JS-1

REDACTED

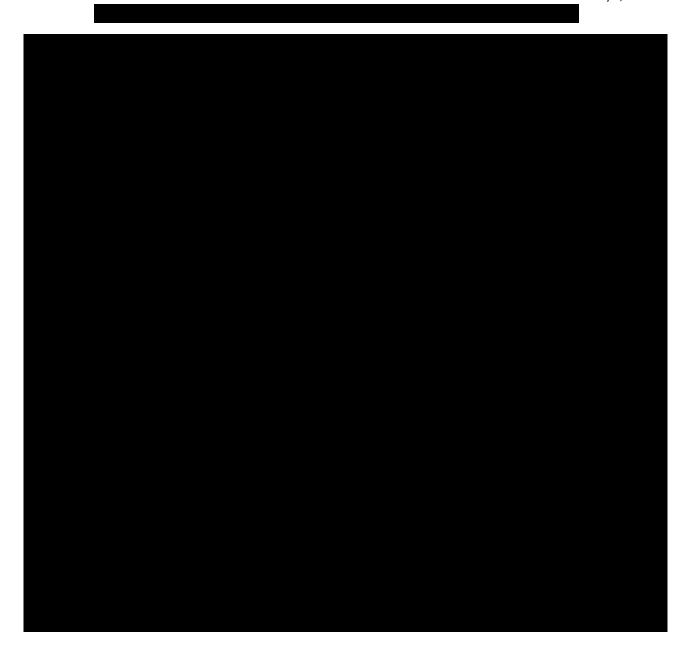
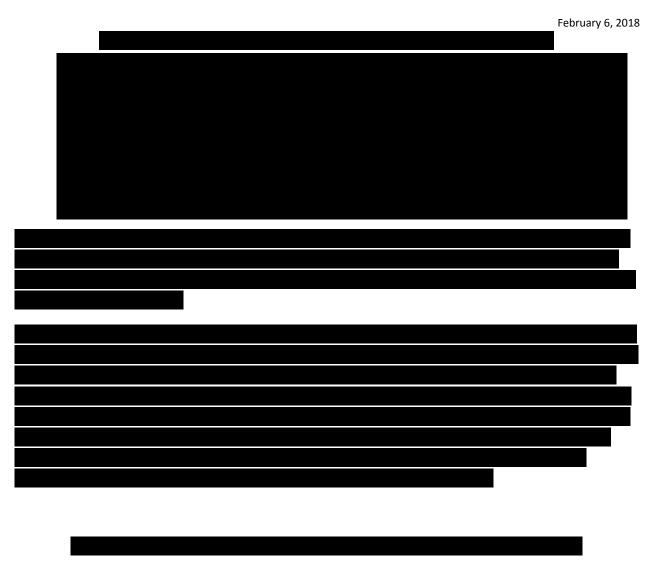


Exhibit No.: JS-1



Witness: Swartz Exhibit No.: JS-1



Duke Energy Florida Docket No. 20180001-El

Witness: Swartz Exhibit No.: JS-1



Exhibit No.: JS-1

REDACTED

Duke Energy Florida Docket No. 20180001-EI Witness: Swartz Exhibit No.: JS-1

February 6, 2018

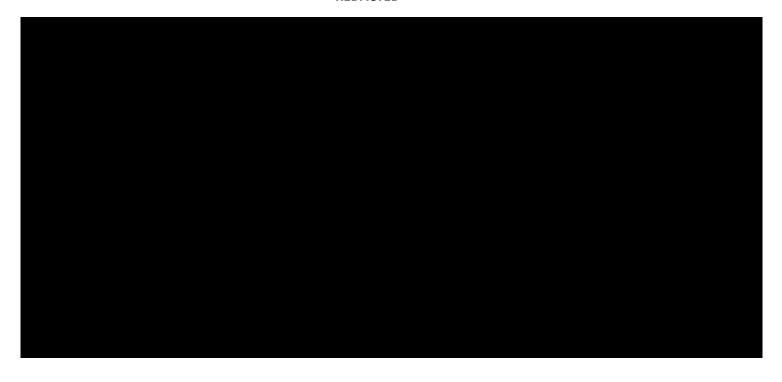


Exhibit No.: JS-1

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Duke Energy Florida, LLC Capacity Cost Recovery Clause Calculation of Actual True-Up January 2017 - December 2017

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	
4 Page Preduction Level Conseity Costs	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	Total
1 <u>Base Production Level Capacity Costs</u> 2 Orange Cogen (ORANGECO)	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	60,858,765
3 Orlando Cogen Limited (ORLACOGL)	5,102,804	5,071,364	5,102,804	5,102,804	5,089,383	5,094,138	5,071,564	5,071,364	5,071,364	4,988,662	5,015,745	5,023,523	60,916,840
4 Pasco County Resource Recovery (PASCOUNT)	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	21,417,600
5 Pinellas County Resource Recovery (PINCOUNT)	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	50,983,200
6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	6,733,888	6,656,139	6,675,150	6,669,159	6,662,563	6,900,122	6,965,675	6,965,675	6,965,675	6,965,675	6,965,675	6,965,675	82,091,070
7 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	1,097,143	646,573	648,924	678,961	684,116	705,834	719,623	750,224	765,134	751,969	754,931	755,868	8,959,300
8 US EcoGen	0	0	0	(3,000)	(90,000)	(93,000)	(90,000)	(93,000)	(93,000)	(90,000)	(93,000)	(90,000)	(735,000)
9 Calpine Osprey	92,394	0	0	0	0	0	0	0	0	0	0	0	92,394
10 Subtotal - Base Level Capacity Costs	24,131,193	23,510,479	23,531,842	23,552,887	23,451,026	23,712,058	23,796,792	23,827,608	23,840,671	23,721,270	23,748,315	23,760,029	284,584,168
11 Base Production Jurisdictional Responsibility	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	
12 Base Level Jurisdictional Capacity Costs	22,414,258	21,837,709	21,857,551	21,877,099	21,782,485	22,024,945	22,103,650	22,132,273	22,144,407	22,033,501	22,058,622	22,069,503	264,336,004
13 Intermediate Production Level Capacity Costs													
14 Southern Franklin	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,236,165	6,252,703	4,638,320	2,750,085	2,698,716	3,488,522	49,537,060
15 Schedule H Capacity Sales - NSB, RCID & Tallahassee	0	0	0	0	0	0	(73,253)	0	0	(75,671)	(6,305)	(37,835)	(193,065)
16 Subtotal - Intermediate Level Capacity Costs	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,162,912	6,252,703	4,638,320	2,674,414	2,692,410	3,450,687	49,343,995
17 Intermediate Production Jurisdictional Responsibility	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	05.074.505
18 Intermediate Level Jurisdictional Capacity Costs	3,261,098	3,366,345	1,943,775	1,940,776	2,148,965	4,404,288	4,480,622	4,545,903	3,372,198	1,944,379	1,957,463	2,508,753	35,874,565
19 Peaking Production Level Capacity Costs	4.054.000	4.054.000	4 005 000	4.074.000	4 00 4 000	0.040.000	0.040.000	0.040.000	4 005 740		4.074.000	4 00 4 500	00.070.044
20 Shady Hills	1,954,260	1,954,260	1,395,900	1,374,300	1,924,020	3,912,300	3,912,300	3,912,300	1,825,740	1,149,734	1,374,300	1,984,500	26,673,914
21 Vandolah (NSG)	2,924,309	2,889,528	1,965,274	1,943,845	2,795,467	5,785,430	5,768,280	5,707,232	2,712,726	1,918,109	2,015,348	2,943,834	39,369,382
22 Other23 Subtotal - Peaking Level Capacity Costs	4,878,569	4,843,788	3,361,174	3,318,145	4,719,487	9,697,729.55	9,680,580	9,619,532	4,538,466	3,067,843	3,389,648	4,928,334	66,043,296
24 Peaking Production Jurisdictional Responsibility	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	00,043,290
25 Peaking Level Jurisdictional Capacity Costs	4,679,718	4,646,355	3,224,173	3,182,897	4,527,121	9,302,450	9,286,000	9,227,440	4,353,478	2,942,798	3,251,486	4,727,455	63,351,371
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26 Other Capacity Costs 27 Retail Wheeling	(23,615)	(2,605)	(13,552)	(1,023)	(49,903)	(27)	(9,282)	(6,007)	(3,342)	(4,243)	0	(1,766)	(115,365)
28 RRSSA Second Amendment ¹	(23,613)	(2,603)	(13,552)	(1,023)	(49,903)	(21)	(9,262)	(6,007)	(3,342)	(4,243)	0	(1,766)	(115,365)
29 Batch-19 Nuclear Fuel ²													
30 ASC Servicing Fees ³	-		-		-	-	(296,269)	-	(160,182)	-	-	-	(456,451)
31 Total Other Capacity Costs	1,768,743	1,785,790	1,770,879	1,779,445	1,726,601	1,772,514	1,463,027	1,758,607	1,597,128	1,752,444	1,638,849	1,633,119	20,447,145
32 Total Capacity Costs (Line 12+18+25+31)	32,123,817	31,636,198	28,796,378	28,780,217	30,185,172	37,504,197	37,333,298	37,664,224	31,467,211	28,673,122	28,906,420	30,938,830	384,009,086
	, ,												, ,
33 Nuclear Cost Recovery Clause													
34 CR3 Uprate Costs	4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
35 Total Recoverable Nuclear Costs	4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
36 37 ISFSI Revenue Requirement ⁴	-	-	-	-	-	-	724,926	726,807	728,105	735,486	747,111	751,681	4,414,116
					0.4.50.4.000	44 000 074	40.050.050						440 400 505
38 Total Recov Capacity & Nuclear Costs (Line 32+35+37)	36,583,010	36,067,968	33,200,724	33,157,137	34,534,669	41,826,271	42,352,873	42,658,257	36,435,117	33,620,985	33,838,484	35,848,041	440,123,535
39 Capacity Revenues:													
40 Capacity Cost Recovery Revenues (net of tax)	28,519,282	29,627,699	28,061,262	31,308,667	35,187,257	38,498,070	41,592,488	41,953,532	41,807,961	36,803,224	34,335,381	30,808,440	418,503,263
41 Prior Period True-Up Provision Over/(Under) Recovery	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	14,665,233
42 Current Period CCR Revenues (net of tax)	29,741,384	30,849,802	29,283,365	32,530,770	36,409,359	39,720,172	42,814,591	43,175,635	43,030,063	38,025,327	35,557,484	32,030,543	433,168,496
43 True-Up Provision													
44 True-Up Provision - Over/(Under) Recov (Line 42-38)	(6,841,625)	(5,218,166)	(3,917,359)	(626,367)	1,874,691	(2,106,098)	461,718	517,378	6,594,946	4,404,342	1,719,000	(3,817,498)	(6,955,039)
45 Interest Provision for the Month	7,805	3,244	(128)	(2,766)	(3,217)	(4,786)	(7,065)	(7,661)	(4,569)	(1,419)	19	(2,658)	(23,204)
46 Current Cycle Balance - Over/(Under)	(6,833,820)	(12,048,743)	(15,966,230)	(16,595,364)	(14,723,890)	(16,834,773)	(16,380,120)	(15,870,403)	(9,280,027)	(4,877,104)	(3,158,085)	(6,978,242)	(6,978,242)
47 Prior Period Balance - Over/(Under) Recovered	16,868,292	15,646,189	14,424,086	13,201,983	11,979,880	10,757,777	9,535,675	8,313,572	7,091,469	5,869,366	4,647,263	3,425,160	16,868,292
48 Prior Period Cumulative True-Up Collected/(Refunded)	(1,222,103)	(1,222,103)	(1,222,103)	(1,222,103)	(1,222,103)	(1,222,103)	(1,222,103)	(1,222,103)	(1,222,103)	(1,222,103)	(1,222,103)	(1,222,103)	(14,665,234)
49 Prior Period True-up Balance - Over/(Under)	15,646,189	14,424,086	13,201,983	11,979,880	10,757,777	9,535,675	8,313,572	7,091,469	5,869,366	4,647,263	3,425,160	2,203,058	2,203,058
50 Net Capacity True-up Over/(Under) (Line 46+49)	\$8,812,368	\$2,375,343	(\$2,764,247)	(\$4,615,483)	(\$3,966,112)	(\$7,299,099)	(\$8,066,548)	(\$8,778,934)	(\$3,410,661)	(\$229,841)	\$267,075	(\$4,775,185)	(\$4,775,185)
oo net capacity mue-up over/(onder) (Line 40+49)	φ0,012,300	ψε,στο,σ4σ	(ψ∠,104,∠41)	(ψτ,010,403)	(ψυ,συυ, ΓΙΖ)	(41,233,033)	(ψυ,υυυ,υ40)	(ψυ,110,934)	(ψυ,410,001)	(ΨΖΖΞ,041)	φ201,013	(ψ+,110,100)	(φ4,110,100)

Approved in Commission Order No. PSC-16-0138-FOF-EI
 Approved in Commission Order No. PSC-15-0465-S-EI
 Approved in Commission Order No. PSC-15-0537-FOF-EI
 Approved in Commission Order No. PSC-16-0425-PAA-EI

20180001-EI Menendez (CAM-2T) Sheet 3 of 3

Duke Energy Florida, LLC Capacity Cost Recovery Clause Calculation of Actual/Estimated True-Up January 2017 - December 2017 (Filed July 27, 2017)

					anuary 2017 - Dece	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	odiy 27, 2017)							
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	
		ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	Total
1	Base Production Level Capacity Costs	HOTORE	TIOTOTIE	HOTORE	TIOTOTIL	HOTORE	TOTOTE	LOTINIATED	LOTINATIES	LOTINIALIE	LOTINATIED	LOTINIATED	LOTIVIXTED	. 5.6.
2	Orange Cogen (ORANGECO)	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	60,858,764
3	Orlando Cogen Limited (ORLACOGL)	5,102,804	5,102,804	5,102,804	5,102,804	5,089,383	5,094,138	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	61,211,555
4	Pasco County Resource Recovery (PASCOUNT)	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	21,417,600
5	Pinellas County Resource Recovery (PINCOUNT)	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	50,983,200
6	Polk Power Partners, L.P. (MULBERRY/ROYSTER)	6,733,888	6,656,139	6,675,150	6,669,159	6,662,563	6,900,122	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	82,091,068
7	Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	1,097,143	646,573	648,924	678,961	684,116	705,834	800,946	800,946	800,946	800,946	800,946	800,946	9,267,226
8	US EcoGen	-	-	-	(3,000)	(90,000)	(93,000)	-	-	-	-	-	-	(186,000)
9	Calpine Osprey	92,394	-	-	-	-	-	-	-	-	-	-	-	92,394
10	- · · · · · · · · · · · · · · · · · · ·	24,131,193	23,510,479	23,531,842	23,552,887	23,451,026	23,712,058	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	285,735,807
11	Base Production Jurisdictional Responsibility	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	
12	Base Level Jurisdictional Capacity Costs	22,414,258	21,837,709	21,857,551	21,877,099	21,782,485	22,024,945	22,268,609	22,268,609	22,268,609	22,268,609	22,268,609	22,268,609	265,405,704
13	Intermediate Production Level Capacity Costs													
14	Southern Franklin	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,260,918	6,260,918	4,623,002	2,712,100	2,712,100	3,531,058	49,572,645
15	Schedule H Capacity Sales - NSB & RCID	-	-	-	=	-	-	-	-	=	=	=	=	=
16	Subtotal - Intermediate Level Capacity Costs	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,260,918	6,260,918	4,623,002	2,712,100	2,712,100	3,531,058	49,572,645
17	Intermediate Production Jurisdictional Responsibility	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	
18	Intermediate Level Jurisdictional Capacity Costs	3,261,098	3,366,345	1,943,775	1,940,776	2,148,965	4,404,288	4,551,875	4,551,875	3,361,061	1,971,778	1,971,778	2,567,185	36,040,800
19	Peaking Production Level Capacity Costs													
20	Shady Hills	1,954,260	1,954,260	1,395,900	1,374,300	1,924,020	3,912,300	3,856,015	3,856,015	1,799,474	1,354,816	1,354,816	1,955,104	26,691,280
21	Vandolah (NSG)	2,924,309	2,889,528	1,965,274	1,943,845	2,795,467	5,785,430	5,539,623	5,495,150	2,629,977	1,937,310	1,981,783	2,788,227	38,675,923
22	Other	-	=	-	=	-	-	=	-	=	=	=	=	=
23	Subtotal - Peaking Level Capacity Costs	4,878,569	4,843,788	3,361,174	3,318,145	4,719,487	9,697,730	9,395,638	9,351,165	4,429,451	3,292,126	3,336,599	4,743,331	65,367,203
24	Peaking Production Jurisdictional Responsibility	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	
25	Peaking Level Jurisdictional Capacity Costs	4,679,718	4,646,355	3,224,173	3,182,897	4,527,121	9,302,450	9,012,672	8,970,012	4,248,907	3,157,939	3,200,600	4,549,993	62,702,836
26	Other Capacity Costs													
27	Retail Wheeling	(23,615)	(2,605)	(13,552)	(1,023)	(49,903)	(27)	(24,689)	(20,202)	(4,376)	(2,342)	(12,596)	(17,124)	(172,054)
28	RRSSA Second Amendment 1													
29	Batch-19 Nuclear Fuel ²													
30	ASC Servicing Fees ³							(296,269)						(296,269)
31	Total Other Capacity Costs	1,768,743	1,785,790	1,770,879	1,779,445	1,726,601	1,772,514	1,447,620	1,744,413	1,756,275	1,754,346	1,740,128	1,674,699	20,721,452
32	Total Capacity Costs (Line 12+18+25+31)	32,123,817	31,636,198	28,796,378	28,780,217	30,185,172	37,504,198	37,280,776	37,534,909	31,634,852	29,152,673	29,181,116	31,060,484	384,870,792
33	Nuclear Cost Recovery Clause													
34	CR3 Uprate Costs	4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
35 36	Total Recoverable Nuclear Costs	4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
37	ISFSI Revenue Requirement 4	_	_	_	_	_	_	697,042	710,787	766,141	770,260	771,297	772,653	4,488,180
01	Tot of November Noquillement							007,042	710,707	700,141	770,200	771,207	772,000	4,400,100
38	Total Recov Capacity & Nuclear Costs (Line 32+35+37)	36,583,010	36,067,967	33,200,724	33,157,137	34,534,669	41,826,271	42,272,467	42,512,921	36,640,795	34,135,309	34,137,366	35,990,667	441,059,303
39	Capacity Revenues													
40	Capacity Cost Recovery Revenues (net of tax)	28,519,282	29,627,699	28,061,262	31,308,667	35,187,257	38,498,070	41,005,606	42,944,849	41,950,646	38,649,455	32,526,800	30,799,664	419,079,255
41	Prior Period True-Up Provision Over/(Under) Recovery	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	14,665,234
42	Current Period Revenues (net of tax)	29,741,384	30,849,802	29,283,365	32,530,770	36,409,359	39,720,172	42,227,709	44,166,952	43,172,749	39,871,557	33,748,903	32,021,766	433,744,489
72	Carrent Forton Revenues (net or tax)	25,741,004	00,040,002	20,200,000	02,000,770	00,400,000	00,720,172	42,227,700	44,100,002	40,172,740	00,071,007	00,140,000	02,021,700	400,744,400
40	Tena Un Brazinian													
43 44	<u>True-Up Provision</u> True-Up Provision - Over/(Under) Recov (Line 42-38)	(6,841,625)	(5,218,166)	(3,917,359)	(626,366)	1,874,691	(2,106,099)	(44,758)	1,654,030	6,531,954	5,736,248	(388,463)	(3,968,902)	(7,314,815)
45	Interest Provision for the Month	7,805	3,244	(128)	(020,300)	(3,217)	(4,786)	(3,641)	(3,459)	(1,203)	715	(388,483)	(2,176)	(9,582)
46	Current Cycle Balance - Over/(Under)	(6,833,820)	(12,048,743)	(15,966,230)	(16,595,363)	(14,723,889)	(16,834,773)	(16,883,172)	(15,232,600)	(8,701,850)	(2,964,887)	(3,353,319)	(7,324,397)	(7,324,397)
	• • • • • • • • • • • • • • • • • • • •													
47	Prior Period Balance - Over/(Under) Recovered	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292
48	Prior Period Cumulative True-Up Collected/(Refunded)	(1,222,103)	(2,444,206)	(3,666,309)	(4,888,411)	(6,110,514)	(7,332,617)	(8,554,720)	(9,776,823)	(10,998,926)	(12,221,028)	(13,443,131)	(14,665,234)	(14,665,234)
49	Prior Period True-up Balance - Over/(Under)	15,646,189	14,424,086	13,201,983	11,979,880	10,757,777	9,535,675	8,313,572	7,091,469	5,869,366	4,647,263	3,425,160	2,203,058	2,203,058
50	Net Capacity True-up Over/(Under) (Line 46+49)	8,812,368	2,375,343	(2,764,247)	(4,615,482)	(3,966,111)	(7,299,099)	(8,569,600)	(8,141,131)	(2,832,483)	1,682,376	71,841	(5,121,339)	(5,121,339)
						-	-							

¹ Approved in Commission Order No. PSC-16-0138-FOF-EI

² Approved in Commission Order No. PSC-15-0465-S-EI

Approved in Commission Order No. PSC-15-0537-FOF-EI
 Approved in Commission Order No. PSC-16-0425-PAA-EI

Duke Energy Florida, LLC Schedule A12 - Capacity Costs For the Period January - December 2017

20180001-EI Docket No. Witness: Menendez Exhibit No. (CAM-3T) Schedule A12 Sheet 9 of 9

Counterparty	Type	MW	Start Date - End Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	60,858,765
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	5,102,804	5,102,804	5,102,804	5,102,804	5,089,383	5,094,138	5,096,530	5,099,746	5,097,899	4,988,662	5,015,745	5,023,523	60,916,840
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	21,417,600
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	50,983,200
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	6,733,888	6,656,139	6,675,150	6,669,159	6,662,563	6,900,122	6,965,675	6,965,675	6,965,675	6,965,675	6,965,675	6,965,675	82,091,070
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 12/31/23	1,097,143	646,573	648,924	678,961	684,116	705,834	719,623	750,224	765,134	751,969	754,931	755,868	8,959,300
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,236,165	6,252,703	4,638,320	2,750,085	2,698,716	3,488,522	49,537,060
8 Retail Wheeling				(23,615)	(2,605)	(13,552)	(1,023)	(49,903)	(27)	(9,282)	(6,007)	(3,342)	(4,243)	0	(1,766)	(115,365)
9 CR-3 Projected Expense				4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
10 ISFSI Return				0	0	0	0	0	0	724,926	726,807	728,105	735,486	747,111	751,681	4,414,116
11 ASC Servicing Fee				0	0	0	0	0	0	(296,269)	0	(160,182)	0	0	0	(456,451)
SUBTOTAL				32,959,883	32,569,913	30,596,218	30,601,242	30,796,432	34,185,023	34,836,981	35,161,337	33,376,374	31,504,974	31,472,095	32,245,996	390,306,468
Confidential Capacity Contracts (Aggregated):																
Purchases/Sales (Net)		MW	Contracts													
Vandolah Capacity - Northern Star		10100	6/1/12-5/31/27	2,924,309	2,889,528	1,965,274	1,943,845	2,795,467	5,785,430	5,768,280	5,707,232	2,712,726	1,918,109	2,015,348	2,943,834	39,369,382
Schedule H Capacity Sales-City of Tallahassee		-1	on-going no term date	0	0	0	0	0	0	(73,253)	0	0	(75,671)	(6,305)	(37,835)	(193,065)
Shady Hills Tolling		517	4/1/07-4/30/24	1,954,260	1,954,260	1,395,900	1,374,300	1,924,020	3,912,300	3,912,300	3,912,300	1,825,740	1,149,734	1,374,300	1,984,500	26,673,914
EcoGen		•		0	0	0	(3,000)	(90,000)	(93,000)	(90,000)	(93,000)	(93,000)	(90,000)	(93,000)	(90,000)	(735,000)
Calpine Osprey		515	Oct-14 to Jan-17	92,394	0	0	(0,000)	0	0	0	0	0	0	0	0	92,394
RRSSA Second Amendment ¹		0.0		02,001	Ū											32,33
Batch-19 Nuclear Fuel ²		1031														
Total		1031		39,723,203	39,202,095	35,741,824	35,696,855	37,202,424	45.562,294	46,122,885	46,452,483	39.582.491	36.163.833	36,401,286	38.681,380	476,533,054
Total				39,723,203	39,202,095	35,741,024	35,696,655	37,202,424	45,562,294	40,122,005	40,402,463	39,362,491	30,103,033	30,401,200	30,001,300	470,533,054

Approved in Commission Order No. PSC-16-0138-FOF-EI
 Approved in Commission Order No. PSC-15-0465-S-EI

1		discovered a failed LP turbine rupture disk. The disk had been breached by a foreign
2		object that caused a hole in the rupture diaphragm. DEF performed an inspection of
3		the Bartow Steam Turbine ("ST") and discovered damage to the ST's L-0 blades (and
4		determined part of an L-0 blade ruptured the LP turbine rupture disk), resulting in a
5		forced outage to the ST that lasted until April 8, 2017 (while the ST was off-line, the
6		Bartow combustion turbines ("CTs") remained available to run in simple cycle
7		mode).
8		DEF performed a Root Cause Analysis ("RCA") that determined the cause of the L-0
9		blade failure is . After investigation, the
10		RCA Team determined that
11		both in the remainder of Duke Energy Corporation's ("Duke Energy") ST fleet
12		and elsewhere in the industry. Therefore, the failure of the Bartow ST's L-0 Blades
13		was caused by events beyond DEF's control, and DEF could not have reasonably
14		prevented the failure from occurring. DEF's actions prior to and in the wake of the
15		blade failure were reasonable and prudent.
16		
17	Q.	Are you sponsoring any exhibits?
18	A.	Yes. I am sponsoring the DEF RCA Report, attached as Exhibit No (JS-1).
19		
20	Q:	Is the RCA considered confidential by the Company?
21	A:	Yes. The RCA and portions of my testimony discussing the RCA's findings are
22		confidential due to the ongoing claims process with the blades' manufacturer and the
23		potential for insurance claims. In order to protect these rights, this information has

1		restoration team was formed to bring the unit back on-line; and a team was formed to
2		evaluate a long-term solution for Bartow.
3		
4	Q.	Please describe the process DEF followed to ascertain the root cause of the event.
5	A.	DEF created a RCA Team consisting of internal experts to investigate and determine
6		the root cause of the event. The RCA Team consisted of seven individuals with
7		expertise in engineering, operations and process, and human performance.
8		
9		Following industry standard procedures, the RCA Team employed specific tools used
10		to determine potential root cause(s) including: interviews, event and causal factor
11		review ("E&CF"), flawed barrier analysis, change analysis, component analysis,
12		visual inspections of the equipment, photographs taken following the event,
13		engineering calculations and measurements, and detailed review of outage reports and
14		maintenance logs.
15		REDACTED
16	Q.	Please describe the RCA Team's conclusio
17	A.	The DEF RCA Team determined that the root cause of the failures in the ST L-0 40"
18		blades is
19		
20		
21		
22		
23		

1		Notwithstanding the alternative causes hypothesized by the OEM,
2		
3		
4		
5		
6		
7		
8	Q.	Did the RCA Team consider alternative potential root causes?
9	A.	Yes, DEF evaluated potential factors in the operation of the unit as well as specific
LO		design factors unique to these blades, each of which was ultimately rejected as the
11		cause of the fifth failure and as the overall cause of all five failures.
12		
L3		
L4		
15	Q.	Why did the RCA Team reject these theories?
L6	A.	The detailed rationale for rejecting these competing theories are contained in the
L7		RCA, but in general (and with the exception of the
18		DEF was unable to find a correlation between any of the
19		individual factors and the blades' failures. However, it should be noted that DEF
20		
21		
22		
23		

Exhibit No.: JS-1

REDACTED

Duke Energy Florida Docket No. 20180001-El

Witness: Swartz Exhibit No.: JS-1

REDACTED

Witness: Swartz Exhibit No.: JS-1

February 6, 2018

Duke Energy - Confidential

Duke Energy Florida Docket No. 20180001-El Witness: Swartz

Exhibit No.: JS-1

REDACTED

Duke Energy Florida Docket No. 20180001-El Witness: Swartz Exhibit No.: JS-1

REDACTED

Exhibit No.: JS-1

REDACTED

Exhibit No.: JS-1

REDACTED



Duke Energy Florida Docket No. 20180001-El

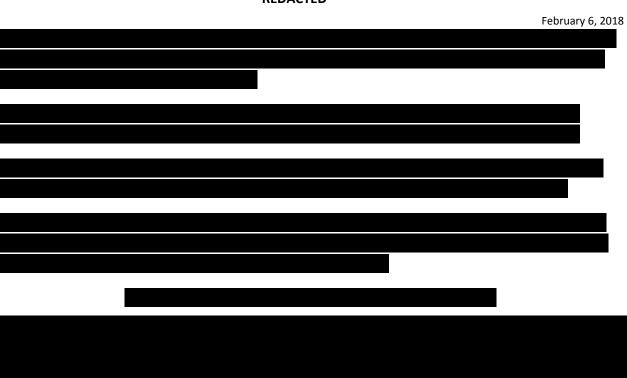
Witness: Swartz Exhibit No.: JS-1



Exhibit No.: JS-1

REDACTED

Witness: Swartz Exhibit No.: JS-1





Witness: Swartz Exhibit No.: JS-1

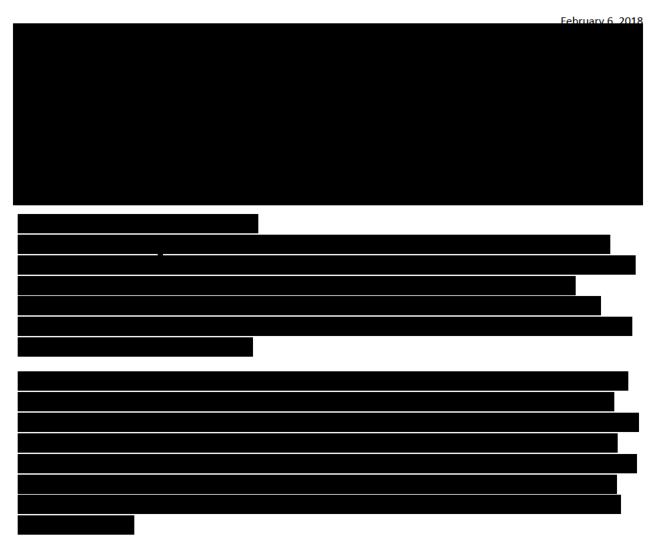


Exhibit No.: JS-1

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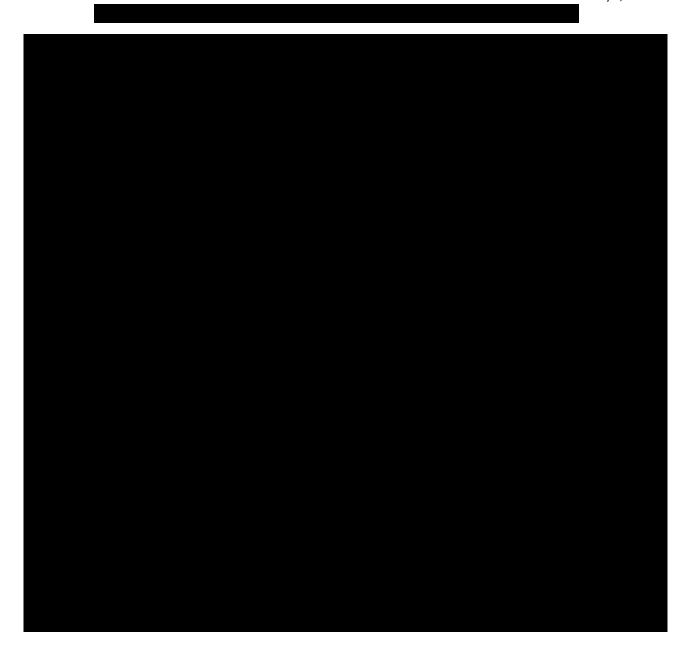
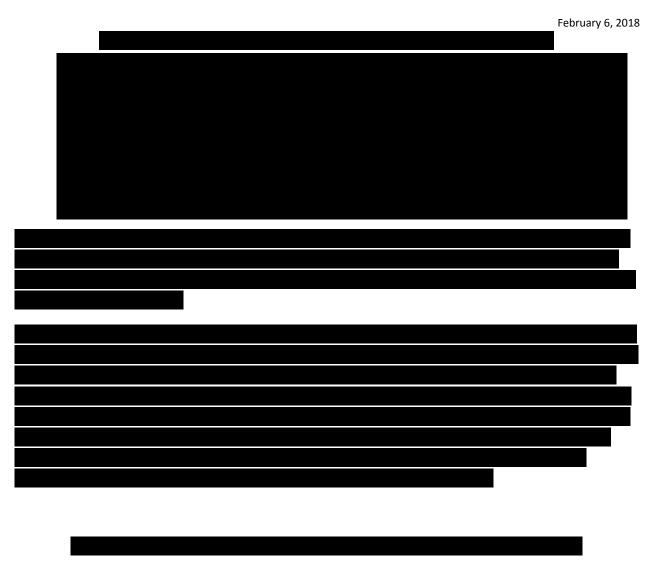


Exhibit No.: JS-1



Witness: Swartz Exhibit No.: JS-1



Duke Energy Florida Docket No. 20180001-El

Witness: Swartz Exhibit No.: JS-1



Exhibit No.: JS-1

REDACTED

Duke Energy Florida Docket No. 20180001-EI Witness: Swartz Exhibit No.: JS-1

February 6, 2018

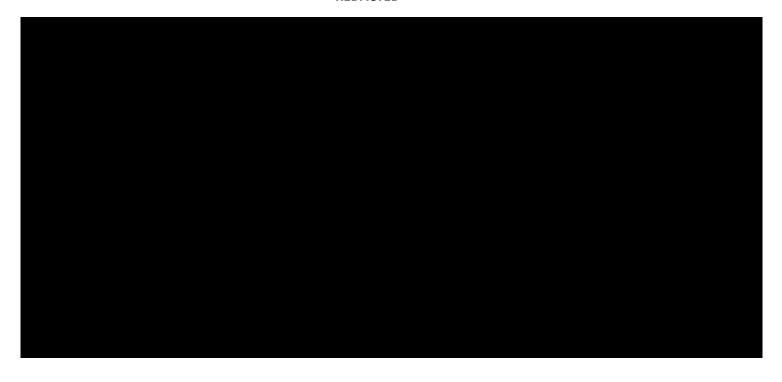


Exhibit No.: JS-1

REDACTED



Duke Energy Florida, LLC Capacity Cost Recovery Clause Calculation of Actual True-Up January 2017 - December 2017

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	
_	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	Total
1 Base Production Level Capacity Costs													
2 Orange Cogen (ORANGECO)	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	60,858,765
3 Orlando Cogen Limited (ORLACOGL)	5,102,804	5,102,804	5,102,804	5,102,804	5,089,383	5,094,138	5,096,530	5,099,746	5,097,899	4,988,662	5,015,745	5,023,523	60,916,840
4 Pasco County Resource Recovery (PASCOUNT)	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	21,417,600
5 Pinellas County Resource Recovery (PINCOUNT) 6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	4,248,600 6,733,888	4,248,600 6,656,139	4,248,600 6,675,150	4,248,600 6,669,159	4,248,600 6,662,563	4,248,600 6,900,122	4,248,600 6,965,675	4,248,600 6,965,675	4,248,600 6,965,675	4,248,600 6,965,675	4,248,600 6,965,675	4,248,600 6,965,675	50,983,200 82,091,070
7 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	1,097,143	646,573	648,924	678,961	684,116	705,834	719,623	750,224	765,134	751,969	754,931	755,868	8,959,300
8 US EcoGen	1,037,143	040,575	040,324	(3,000)	(90,000)	(93,000)	(90,000)	(93,000)	(93,000)	(90,000)	(93,000)	(90,000)	(735,000)
9 Calpine Osprey	92.394	0	0	0	0	0	0	0	0	0	0	0	92,394
10 Subtotal - Base Level Capacity Costs	24,131,193	23,510,479	23,531,842	23,552,887	23,451,026	23,712,058	23,796,792	23,827,608	23,840,671	23,721,270	23,748,315	23,760,029	284,584,168
11 Base Production Jurisdictional Responsibility	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	
12 Base Level Jurisdictional Capacity Costs	22,414,258	21,837,709	21,857,551	21,877,099	21,782,485	22,024,945	22,103,650	22,132,273	22,144,407	22,033,501	22,058,622	22,069,503	264,336,004
13 Intermediate Production Level Capacity Costs													
14 Southern Franklin	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,236,165	6,252,703	4,638,320	2,750,085	2,698,716	3,488,522	49,537,060
15 Schedule H Capacity Sales - NSB, RCID & Tallahassee	0	0	0	0	0	0	(73,253)	0	0	(75,671)	(6,305)	(37,835)	(193,065)
16 Subtotal - Intermediate Level Capacity Costs	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,162,912	6,252,703	4,638,320	2,674,414	2,692,410	3,450,687	49,343,995
17 Intermediate Production Jurisdictional Responsibility	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	
18 Intermediate Level Jurisdictional Capacity Costs	3,261,098	3,366,345	1,943,775	1,940,776	2,148,965	4,404,288	4,480,622	4,545,903	3,372,198	1,944,379	1,957,463	2,508,753	35,874,565
19 Peaking Production Level Capacity Costs													
20 Shady Hills	1,954,260	1,954,260	1,395,900	1,374,300	1,924,020	3,912,300	3,912,300	3,912,300	1,825,740	1,149,734	1,374,300	1,984,500	26,673,914
21 Vandolah (NSG)	2,924,309	2,889,528	1,965,274	1,943,845	2,795,467	5,785,430	5,768,280	5,707,232	2,712,726	1,918,109	2,015,348	2,943,834	39,369,382
22 Other	4 070 500	4 0 4 0 7 0 0	2 264 474	2 240 445	4 740 407	- 0.007.700.66	0.600.500	- 0.640.522	4 500 466	2.067.042	2 200 640	4 000 004	66.042.206
23 Subtotal - Peaking Level Capacity Costs 24 Peaking Production Jurisdictional Responsibility	4,878,569 95.924%	4,843,788 95.924%	3,361,174 95.924%	3,318,145 95.924%	4,719,487 95.924%	9,697,729.55 95.924%	9,680,580 95.924%	9,619,532 95.924%	4,538,466 95.924%	3,067,843 95.924%	3,389,648 95.924%	4,928,334 95.924%	66,043,296
25 Peaking Level Jurisdictional Capacity Costs	4,679,718	4,646,355	3,224,173	3,182,897	4,527,121	9,302,450	9,286,000	9,227,440	4,353,478	2,942,798	3,251,486	4,727,455	63,351,371
	1,010,110	1,010,000	0,221,110	0,102,007	1,021,121	0,002,100	0,200,000	0,227,710	1,000,110	2,0 12,1 00	0,201,100	1,727,100	00,001,011
26 Other Capacity Costs 27 Retail Wheeling	(00.045)	(2.605)	(40 550)	(4.022)	(40,002)	(07)	(0.000)	(6,007)	(2.242)	(4.042)	0	(4.766)	(44E 26E)
27 Retail Wheeling 28 RRSSA Second Amendment ¹	(23,615)	(2,605)	(13,552)	(1,023)	(49,903)	(27)	(9,282)	(6,007)	(3,342)	(4,243)	U	(1,766)	(115,365)
29 Batch-19 Nuclear Fuel ²													
30 ASC Servicing Fees ³		-	-	-		-	(296,269)	-	(160,182)	-	-		(456,451)
31 Total Other Capacity Costs	1,768,743	1,785,790	1,770,879	1,779,445	1,726,601	1,772,514	1,463,027	1,758,607	1,597,128	1,752,444	1,638,849	1,633,119	20,447,145
32 Total Capacity Costs (Line 12+18+25+31)	32,123,817	31,636,198	28,796,378	28,780,217	30,185,172	37,504,197	37,333,298	37,664,224	31,467,211	28,673,122	28,906,420	30,938,830	384,009,086
oz rotal capacity coole (zmo izriorzotot)	32,123,311	01,000,100	20,700,070	20,100,217	00,100,172	0.,00.,10.	0.,000,200	07,001,221	01,101,211	20,070,122	20,000, 120	00,000,000	001,000,000
33 Nuclear Cost Recovery Clause													
34 CR3 Uprate Costs	4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
35 Total Recoverable Nuclear Costs	4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
36 37 ISFSI Revenue Requirement ⁴	-	-	-	-	-	_	724,926	726,807	728,105	735,486	747,111	751,681	4,414,116
							,	0,000	1-0,100		,	,	,,,,,,,,
38 Total Recov Capacity & Nuclear Costs (Line 32+35+37)	36,583,010	36,067,968	33,200,724	33,157,137	34,534,669	41,826,271	42,352,873	42,658,257	36,435,117	33,620,985	33,838,484	35,848,041	440,123,535
39 Capacity Revenues:													
40 Capacity Cost Recovery Revenues (net of tax)	28,519,282	29,627,699	28,061,262	31,308,667	35,187,257	38,498,070	41,592,488	41,953,532	41,807,961	36,803,224	34,335,381	30,808,440	418,503,263
41 Prior Period True-Up Provision Over/(Under) Recovery	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	14,665,233
42 Current Period CCR Revenues (net of tax)	29,741,384	30,849,802	29,283,365	32,530,770	36,409,359	39,720,172	42,814,591	43,175,635	43,030,063	38,025,327	35,557,484	32,030,543	433,168,496
43 True-Up Provision													
44 True-Up Provision - Over/(Under) Recov (Line 42-38)	(6,841,625)	(5,218,166)	(3,917,359)	(626,367)	1,874,691	(2,106,098)	461,718	517,378	6,594,946	4,404,342	1,719,000	(3,817,498)	(6,955,039)
45 Interest Provision for the Month	7,805	3,244	(128)	(2,766)	(3,217)	(4,786)	(7,065)	(7,661)	(4,569)	(1,419)	19	(2,658)	(23,204)
46 Current Cycle Balance - Over/(Under)	(6,833,820)	(12,048,743)	(15,966,230)	(16,595,364)	(14,723,890)	(16,834,773)	(16,380,120)	(15,870,403)	(9,280,027)	(4,877,104)	(3,158,085)	(6,978,242)	(6,978,242)
47 Prior Period Balance - Over/(Under) Recovered 48 Prior Period Cumulative True-Up Collected/(Refunded)	16,868,292 (1,222,103)	15,646,189 (1,222,103)	14,424,086 (1,222,103)	13,201,983 (1,222,103)	11,979,880 (1,222,103)	10,757,777 (1,222,103)	9,535,675 (1,222,103)	8,313,572 (1,222,103)	7,091,469 (1,222,103)	5,869,366 (1,222,103)	4,647,263 (1,222,103)	3,425,160 (1,222,103)	16,868,292 (14,665,234)
49 Prior Period Cumulative True-Op Collected/(Refunded) 49 Prior Period True-up Balance - Over/(Under)	15,646,189	14,424,086	13,201,983	11,979,880	10,757,777	9,535,675	8,313,572	7,091,469	5,869,366	4,647,263	3,425,160	2,203,058	2,203,058
· · · · · · · · · · · · · · · · · · ·													
50 Net Capacity True-up Over/(Under) (Line 46+49)	\$8,812,368	\$2,375,343	(\$2,764,247)	(\$4,615,483)	(\$3,966,112)	(\$7,299,099)	(\$8,066,548)	(\$8,778,934)	(\$3,410,661)	(\$229,841)	\$267,075	(\$4,775,185)	(\$4,775,185)

Approved in Commission Order No. PSC-16-0138-FOF-EI
 Approved in Commission Order No. PSC-15-0465-S-EI
 Approved in Commission Order No. PSC-15-0537-FOF-EI
 Approved in Commission Order No. PSC-16-0425-PAA-EI

20180001-EI Menendez (CAM-2T) Sheet 3 of 3

Duke Energy Florida, LLC Capacity Cost Recovery Clause Calculation of Actual/Estimated True-Up January 2017 - December 2017 (Filed July 27, 2017)

					,	ilibel 2017 (Filed	ou.,, _o,							
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	
		ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	Total
1	Base Production Level Capacity Costs	HOTOKE	TOTOTE	HOTORE	TIOTOTIL	TIOTOTIL	TOTOTE	LOTINIATED	LOTINATIES	LOTINI/ (TLD	LOTINIATED	LOTINIATED	LOTIMATED	. 5.6.
2	Orange Cogen (ORANGECO)	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	60,858,764
3	Orlando Cogen Limited (ORLACOGL)	5,102,804	5,102,804	5,102,804	5,102,804	5,089,383	5,094,138	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	61,211,555
4	Pasco County Resource Recovery (PASCOUNT)	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	21,417,600
5	Pinellas County Resource Recovery (PINCOUNT)	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	50,983,200
6	Polk Power Partners, L.P. (MULBERRY/ROYSTER)	6,733,888	6,656,139	6,675,150	6,669,159	6,662,563	6,900,122	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	82,091,068
7	Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	1,097,143	646,573	648,924	678,961	684,116	705,834	800,946	800,946	800,946	800,946	800,946	800,946	9,267,226
	US EcoGen	-	-	-	(3,000)	(90,000)	(93,000)	-	-	-	-	-	-	(186,000)
	Calpine Osprey	92,394	-	-	-	-	-	-	-	-	-	-	-	92,394
	Subtotal - Base Level Capacity Costs	24,131,193	23,510,479	23,531,842	23,552,887	23,451,026	23,712,058	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	285,735,807
11	Base Production Jurisdictional Responsibility	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	
12	Base Level Jurisdictional Capacity Costs	22,414,258	21,837,709	21,857,551	21,877,099	21,782,485	22,024,945	22,268,609	22,268,609	22,268,609	22,268,609	22,268,609	22,268,609	265,405,704
13	Intermediate Production Level Capacity Costs													
14	Southern Franklin	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,260,918	6,260,918	4,623,002	2,712,100	2,712,100	3,531,058	49,572,645
	Schedule H Capacity Sales - NSB & RCID	-	-	-	-	-	-	-	-	-	=	-	-	=
16	Subtotal - Intermediate Level Capacity Costs	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,260,918	6,260,918	4,623,002	2,712,100	2,712,100	3,531,058	49,572,645
17	Intermediate Production Jurisdictional Responsibility	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	
18	Intermediate Level Jurisdictional Capacity Costs	3,261,098	3,366,345	1,943,775	1,940,776	2,148,965	4,404,288	4,551,875	4,551,875	3,361,061	1,971,778	1,971,778	2,567,185	36,040,800
19	Peaking Production Level Capacity Costs													
20	Shady Hills	1,954,260	1,954,260	1,395,900	1,374,300	1,924,020	3,912,300	3,856,015	3,856,015	1,799,474	1,354,816	1,354,816	1,955,104	26,691,280
	Vandolah (NSG)	2,924,309	2,889,528	1,965,274	1,943,845	2,795,467	5,785,430	5,539,623	5,495,150	2,629,977	1,937,310	1,981,783	2,788,227	38,675,923
	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal - Peaking Level Capacity Costs	4,878,569	4,843,788	3,361,174	3,318,145	4,719,487	9,697,730	9,395,638	9,351,165	4,429,451	3,292,126	3,336,599	4,743,331	65,367,203
	Peaking Production Jurisdictional Responsibility	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	
25	Peaking Level Jurisdictional Capacity Costs	4,679,718	4,646,355	3,224,173	3,182,897	4,527,121	9,302,450	9,012,672	8,970,012	4,248,907	3,157,939	3,200,600	4,549,993	62,702,836
	Other Capacity Costs													
	Retail Wheeling	(23,615)	(2,605)	(13,552)	(1,023)	(49,903)	(27)	(24,689)	(20,202)	(4,376)	(2,342)	(12,596)	(17,124)	(172,054)
	RRSSA Second Amendment 1													
	Batch-19 Nuclear Fuel ²													
	ASC Servicing Fees ³							(296,269)						(296,269)
31	Total Other Capacity Costs	1,768,743	1,785,790	1,770,879	1,779,445	1,726,601	1,772,514	1,447,620	1,744,413	1,756,275	1,754,346	1,740,128	1,674,699	20,721,452
32	Total Capacity Costs (Line 12+18+25+31)	32,123,817	31,636,198	28,796,378	28,780,217	30,185,172	37,504,198	37,280,776	37,534,909	31,634,852	29,152,673	29,181,116	31,060,484	384,870,792
33	Nuclear Cost Recovery Clause													
	CR3 Uprate Costs	4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
	Total Recoverable Nuclear Costs	4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
36														
37	ISFSI Revenue Requirement ⁴	-	-	-	-	-	-	697,042	710,787	766,141	770,260	771,297	772,653	4,488,180
38	Total Recov Capacity & Nuclear Costs (Line 32+35+37)	36,583,010	36,067,967	33,200,724	33,157,137	34,534,669	41,826,271	42,272,467	42,512,921	36,640,795	34,135,309	34,137,366	35,990,667	441,059,303
39	Capacity Revenues													
40	Capacity Cost Recovery Revenues (net of tax)	28,519,282	29,627,699	28,061,262	31,308,667	35,187,257	38,498,070	41,005,606	42,944,849	41,950,646	38,649,455	32,526,800	30,799,664	419,079,255
41	Prior Period True-Up Provision Over/(Under) Recovery	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	14,665,234
42	Current Period Revenues (net of tax)	29,741,384	30,849,802	29,283,365	32,530,770	36,409,359	39,720,172	42,227,709	44,166,952	43,172,749	39,871,557	33,748,903	32,021,766	433,744,489
43	True-Up Provision													
44	True-Up Provision - Over/(Under) Recov (Line 42-38)	(6,841,625)	(5,218,166)	(3,917,359)	(626,366)	1,874,691	(2,106,099)	(44,758)	1,654,030	6,531,954	5,736,248	(388,463)	(3,968,902)	(7,314,815)
45	Interest Provision for the Month	7,805	3,244	(128)	(2,766)	(3,217)	(4,786)	(3,641)	(3,459)	(1,203)	715	31	(2,176)	(9,582)
46	Current Cycle Balance - Over/(Under)	(6,833,820)	(12,048,743)	(15,966,230)	(16,595,363)	(14,723,889)	(16,834,773)	(16,883,172)	(15,232,600)	(8,701,850)	(2,964,887)	(3,353,319)	(7,324,397)	(7,324,397)
47	Prior Period Balance - Over/(Under) Recovered	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292
47 48	Prior Period Cumulative True-Up Collected/(Refunded)	(1,222,103)	(2,444,206)	(3,666,309)	(4,888,411)	(6,110,514)	(7,332,617)	(8,554,720)	(9,776,823)	(10,998,926)	(12,221,028)	(13,443,131)	(14,665,234)	(14,665,234)
49	Prior Period Cumulative True-op Collected/(Kerunded) Prior Period True-up Balance - Over/(Under)	15,646,189	14,424,086	13,201,983	11,979,880	10,757,777	9,535,675	8,313,572	7,091,469	5,869,366	4,647,263	3,425,160	2,203,058	2,203,058
	, , ,													
50	Net Capacity True-up Over/(Under) (Line 46+49)	8,812,368	2,375,343	(2,764,247)	(4,615,482)	(3,966,111)	(7,299,099)	(8,569,600)	(8,141,131)	(2,832,483)	1,682,376	71,841	(5,121,339)	(5,121,339)

¹ Approved in Commission Order No. PSC-16-0138-FOF-EI

² Approved in Commission Order No. PSC-15-0465-S-EI

Approved in Commission Order No. PSC-15-0537-FOF-EI
 Approved in Commission Order No. PSC-16-0425-PAA-EI

Schedule A12 - Capacity Costs
For the Period January - December 2017

20180001-EI Docket No. Witness: Menendez Exhibit No. (CAM-3T) Schedule A12 Sheet 9 of 9

Counterparty	Туре	MW	Start Date - End Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
1 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	60,858,765
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	5,102,804	5,102,804	5,102,804	5,102,804	5,089,383	5,094,138	5,096,530	5,099,746	5,097,899	4,988,662	5,015,745	5,023,523	60,916,840
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	21,417,600
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	50,983,200
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	6,733,888	6,656,139	6,675,150	6,669,159	6,662,563	6,900,122	6,965,675	6,965,675	6,965,675	6,965,675	6,965,675	6,965,675	82,091,070
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 12/31/23	1,097,143	646,573	648,924	678,961	684,116	705,834	719,623	750,224	765,134	751,969	754,931	755,868	8,959,300
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,236,165	6,252,703	4,638,320	2,750,085	2,698,716	3,488,522	49,537,060
8 Retail Wheeling				(23,615)	(2,605)	(13,552)	(1,023)	(49,903)	(27)	(9,282)	(6,007)	(3,342)	(4,243)	0	(1,766)	(115,365)
9 CR-3 Projected Expense				4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
10 ISFSI Return				0	0	0	0	0	0	724,926	726,807	728,105	735,486	747,111	751,681	4,414,116
11 ASC Servicing Fee				0	0	0	0	0	0	(296,269)	0	(160,182)	0	0	0	(456,451)
SUBTOTAL				32,959,883	32,569,913	30,596,218	30,601,242	30,796,432	34,185,023	34,836,981	35,161,337	33,376,374	31,504,974	31,472,095	32,245,996	390,306,468
Confidential Capacity Contracts (Aggregated):																
Purchases/Sales (Net)		MW	Contracts													
Vandolah Capacity - Northern Star			6/1/12-5/31/27	2,924,309	2,889,528	1,965,274	1,943,845	2,795,467	5,785,430	5,768,280	5,707,232	2,712,726	1,918,109	2,015,348	2,943,834	39,369,382
Schedule H Capacity Sales-City of Tallahassee		-1	on-going no term date	0	0	0	0	0	0	(73,253)	0	0	(75,671)	(6,305)	(37,835)	(193,065)
Shady Hills Tolling		517	4/1/07-4/30/24	1,954,260	1,954,260	1,395,900	1,374,300	1,924,020	3,912,300	3,912,300	3,912,300	1,825,740	1,149,734	1,374,300	1,984,500	26,673,914
EcoGen				0	0	0	(3,000)	(90,000)	(93,000)	(90,000)	(93,000)	(93,000)	(90,000)	(93,000)	(90,000)	(735,000)
Calpine Osprey		515	Oct-14 to Jan-17	92,394	0	0	0	0	0	0	0	0	0	0	0	92,394
RRSSA Second Amendment ¹ Batch-19 Nuclear Fuel ²																
Total		1031		00 700 000	00 000 007	05.744.001	05 000 055	07.000.40.	45 500 00 1	40.400.005	10.150.100	00 500 401	00.100.000	00.404.000	00.004.005	170 500 05 1
Total				39,723,203	39,202,095	35,741,824	35,696,855	37,202,424	45,562,294	46,122,885	46,452,483	39,582,491	36,163,833	36,401,286	38,681,380	476,533,054

Approved in Commission Order No. PSC-16-0138-FOF-EI
 Approved in Commission Order No. PSC-15-0465-S-EI

Exhibit C

DUKE ENERGY FLORIDA Confidentiality Justification Matrix

DOCUMENT/RESPONSES	PAGE/LINE	JUSTIFICATION
Direct Testimony of Jeffrey	Page 3: Line 9-remaining	§366.093(3)(d), F.S.
Swartz; specifically pages 3,	portion of sentence after	The document in question
5, 6, and 7	"failure is" and before	contains confidential
	"After"	information, the disclosure of
		which would impair DEF's
	Page 3: Lines 10 and 11-	efforts to contract for goods or
	all information after	services on favorable terms.
	"determined that" and before "both".	\$266 002(2)(a) E.S.
	before both.	§366.093(3)(e), F.S. The document in question
	Page 5: Lines 19 through	contains confidential
	22- The remaining portion	information relating to
	of sentence after "blades	competitive business interests,
	is".	the disclosure of which would
		impair the competitive
	Page 6: Lines 1 and 2- all	business of the provider/owner
	information before	of the information.
	"Notwithstanding".	
	Page 6: Lines 3 through 8-all information after "OEM"	
	and before "Did".	
	D (X) 12.0	
	Page 6: Lines 13 through 15- all information after	
	"failures" and before	
	"Why".	
	Page 6: Lines 19 and 20-	
	all information after	
	"exception of the" and before "DEF".	
	Page 6: Lines 21 through	
	23- the remaining sentence after "DEF".	
	Page 7: Line 1 and 2 and before "What".	

DOCUMENT/RESPONSES	PAGE/LINE	JUSTIFICATION
Exhibit No (JS-1),	DEF's Root Cause Analysis Report-Bartow Steam Turbine Event -the entire document.	§366.093(3)(d), F.S. The document in question contains confidential information, the disclosure of which would impair DEF's efforts to contract for goods or services on favorable terms. §366.093(3)(e), F.S. The document in question contains confidential information relating to competitive business interests, the disclosure of which would impair the competitive
		business of the provider/owner of the information.
DOCUMENT/RESPONSES	PAGE/LINE	JUSTIFICATION
Exhibit No(CAM-2T) Sheet 2 of 3	All information on rows titled "RRSSA Second Amendment," and "Batch 19 Nuclear Fuel".	§366.093(3)(d), F.S. The document in question contains confidential information, the disclosure of which would impair DEF's efforts to contract for goods or services on favorable terms. §366.093(3)(e), F.S. The document in question contains confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.
DOCUMENT/RESPONSES	PAGE/LINE	JUSTIFICATION
Exhibit No(CAM-2T) Sheet 3 of 3	All information on rows titled "RRSSA Second Amendment," and "Batch 19 Nuclear Fuel"	§366.093(3)(d), F.S. The document in question contains confidential information, the disclosure of which would impair DEF's

		efforts to contract for goods or services on favorable terms. §366.093(3)(e), F.S. The document in question contains confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.
DOCUMENT/RESPONSES	PAGE/LINE	JUSTIFICATION
Exhibit No(CAM-3T) Schedule A12, Sheet 9 of 9	All information on rows titled "RRSSA Second Amendment," and "Batch 19 Nuclear Fuel".	§366.093(3)(d), F.S. The document in question contains confidential information, the disclosure of which would impair DEF's efforts to contract for goods or services on favorable terms. §366.093(3)(e), F.S. The document in question contains confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.

Exhibit D

AFFIDAVIT OF JEFFREY SWARTZ

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.

Docket No. 20180001-EI

Dated: March 2, 2018

AFFIDAVIT OF JEFFREY SWARTZ IN SUPPORT OF DUKE ENERGY FLORIDA'S REQUEST FOR CONFIDENTIAL CLASSIFICATION

STATE OF FLORIDA

COUNTY OF PINELLAS

BEFORE ME, the undersigned authority duly authorized to administer oaths, personally appeared Jeffrey Swartz, who being first duly sworn, on oath deposes and says that:

- 1. My name is Jeffrey Swartz. I am over the age of 18 years old and I have been authorized by Duke Energy Florida (hereinafter "DEF" or the "Company") to give this affidavit in the above-styled proceeding on DEF's behalf and in support of DEF's Request for Confidential Classification (the "Request"). The facts attested to in my affidavit are based upon my personal knowledge.
- I am the Vice President of Florida Generation in the Fossil Hydro
 Operations Department. This section is responsible for overall leadership and strategic
 direction of DEF's power generation fleet.
- 3. As the Vice President of Florida Generation, I am responsible, along with the other members of the section, for strategic and tactical planning to operate and maintain DEF's non-nuclear generation fleet, generation fleet project and additions

recommendations, major maintenance programs, outage and project management, and retirement of generation facilities.

- 4. DEF is seeking confidential classification for portions of my direct testimony, specifically information on pages 3, 5, 6, and 7, and Exhibit No. ___(JS-1) to my direct testimony filed on March 2, 2018 in this docket. The confidential information at issue is contained in confidential Exhibit A to DEF's Request and is outlined in DEF's Justification Matrix that is attached to DEF's Request as Exhibit C. DEF is requesting confidential classification of this information because it contains sensitive business information, the disclosure of which would impair the Company's competitive business interests.
- Analysis Report for the Bartow Steam Turbine Event. Portions of the information contain competitive confidential business information of both DEF and third-party companies, the disclosure of which would impair the Company's competitive business interests and efforts to contract for goods or services on favorable terms. DEF has not publicly disclosed the detailed findings contained in the Root Cause Analysis report. Without DEF's measures to maintain the confidentiality of this sensitive business information, DEF's ability to contract with third-parties would be undermined. Moreover, the process of working to resolve potential claims with third parties is ongoing, and release of this information at this time could impact that process, to the detriment of DEF's competitive business interests and ultimately to the detriment of its customers' interests.
- 6. Upon receipt of its own confidential information, strict procedures are established and followed to maintain the confidentiality of the terms of the documents and information provided, including restricting access to those persons who need the

information to assist the Company, and restricting the number of, and access to the information and contracts. At no time since receiving the information in question has the Company publicly disclosed that information. The Company has treated and continues to treat the information at issue as confidential.

7. This concludes my affidavit.

Further affiant sayeth not.

Dated the 28th day of tessurey, 2018.

Jeffrey Swartz

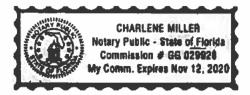
Vice President Florida Generation

Duke Energy Florida, LLC

Florida Regional Headquarters

St. Petersburg, FL

THE FOREGOING INSTRUMENT was sworn to and subscribed before me this day of feeting, 2018 by Jeffrey Swartz. He is personally known to me, or has produced his from driver's license, or his as identification.



(AFFIX NOTARIAL SEAL)

NOTARY PUBLIC, STATE OF Florida

11/12/2020 (Commission Expiration Date)

66 029928

(Serial Number, If Anv)

Exhibit D

AFFIDAVIT OF CHRISTOPHER A. MENENDEZ

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost

recovery clause with generating

performance incentive factor

Docket No. 20180001-EI

Dated: March 2, 2018

AFFIDAVIT OF CHRISTOPHER A. MENENDEZ IN SUPPORT OF DUKE ENERGY FLORIDA'S

REQUEST FOR CONFIDENTIAL CLASSIFICATION

STATE OF FLORIDA

COUNTY OF PINELLAS

BEFORE ME, the undersigned authority duly authorized to administer oaths, personally appeared Christopher A. Menendez, who being first duly sworn, on oath deposes and says that:

- 1. My name is Christopher A. Menendez. I am over the age of 18 years old and I have been authorized by Duke Energy Florida (hereinafter "DEF" or the "Company") to give this affidavit in the above-styled proceeding on DEF's behalf and in support of DEF's Request for Confidential Classification (the "Request"). The facts attested to in my affidavit are based upon my personal knowledge.
- I am the Rates and Regulatory Strategy Manager within the Regulatory Planning Projects department. This department is responsible for regulatory planning and cost recovery for DEF.

- 3. As the Rates and Regulatory Strategy Manager, I am responsible, along with the other members of the section, for the production and review of the regulatory financial reports of DEF and analysis of state, federal and local regulations and their impact on DEF.
- 4. DEF is seeking confidential classification for a portion of Exhibit No. ____ (CAM-2T); Calculation of Actual True-Up, Sheet 2 of 3 and Calculation of Actual/Estimated True Up, Sheet 3 of 3 and Exhibit No. ____ (CAM-3T); Schedule A12, Sheet 9 of 9, to my direct testimony filed on March 2, 2018 in this docket. The confidential information at issue is contained in confidential Exhibit A to DEF's Request and is outlined in DEF's Justification Matrix attached to DEF's Request as Exhibit C. DEF is requesting confidential classification of this information because it contains competitively sensitive contractual confidential business information of capacity suppliers DEF contracts with.
- 5. DEF negotiates with potential capacity suppliers to obtain competitive contracts for capacity purchase options that provide economic value and system reliability to DEF and its customers. In order to obtain such contracts, however, DEF must be able to assure capacity suppliers that sensitive business information, such as the contractual terms, will be kept confidential. DEF enters into contracts that require the information will be protected from disclosure. In order to protect this confidential information, it is also necessary to keep additional information that could be used to compute the confidential information at issue if made public; for example, if costs relating to one contract were held confidential, but all other contractual costs and the resulting subtotal were public, the confidential information would become apparent. For

this reason, DEF has held confidential the remaining information on the subject exhibits that could be used to compute to the confidential information in need of protection.

- 6. Absent such measures, suppliers would run the risk that sensitive business information that they provided in their contracts with DEF would be made available to the public and, as a result, end up in possession of potential competitors. Faced with that risk, persons or companies who otherwise would contract with DEF might decide not to do so if DEF did not keep those terms confidential. Without DEF's measures to maintain the confidentiality of sensitive terms in contracts between DEF and capacity suppliers, the Company's efforts to obtain competitive capacity contracts could be undermined. Additionally, the disclosure of confidential information in DEF's capacity purchases could adversely impact DEF's competitive business interests. If such information was disclosed to DEF's competitors, DEF's efforts to obtain competitive capacity purchase options that provide economic value to both DEF and its customers could be compromised by DEF's competitors changing their consumption or purchasing behavior within the relevant markets.
- 7. Upon receipt of confidential information from capacity suppliers, and with its own confidential information, strict procedures are established and followed to maintain the confidentiality of the terms of the documents and information provided, including restricting access to those persons who need the information to assist the Company, and restricting the number of, and access to the information and contracts. At no time since receiving the contracts and information in question has the Company publicly disclosed that information or contracts. The Company has treated and continues to treat the information and contracts at issue as confidential.

Further affiant sayeth not.						
Dated the 1st day of March, 2018.						
	(Signator) Christopher A. Menendez Rates and Regulatory Strategy Manager Regulatory Planning Projects Duke Energy Florida, LLC 299 1st Avenue South St. Petersburg, FL 33701					
THE FOREGOING INSTRUMENT was sworn to and subscribed before me this day of March, 2018, by Christopher A. Menendez. He is personally known to me, or has produced his driver's license, or his as identification.						
	Sorah Hirschman Libes					
(AFFIX NOTARIAL SEAL)	(Printed Name) NOTARY PUBLIC, STATE OF FLORIDA 3/23/22					
SARAH HIRSCHMAN LIBES Notary Public – State of Florida Commission # GG 180580 My Comm. Expires Mar 23 2022 Bonded through National Notary Assn.	(Commission Expiration Date) 180580 (Serial Number, If Any)					

8.

This concludes my affidavit.