



Stephanie A. Cuello
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June 8, 2022

VIA ELECTRONIC FILING

Adam J. Teitzman, 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. 20220001-EI*

Dear Mr. Teitzman:

On behalf of Duke Energy Florida, LLC (“DEF”), please find enclosed for electronic filing in the above-referenced docket, an Amended Petition for Approval of Fuel Cost Recovery and Capacity Cost Recovery with Generating Performance Incentive Factor Actual True-Ups for the Period Ending December 2021. The amendment filed is to correct total amounts that were in the original Petition and the Witness Testimony and Exhibit sponsored by Gary P. Dean.

In DEF’s True-Up filing dated April 1, 2022, DEF inadvertently used an incorrect total Prior Period Balance Over Recovered amount of \$6,533,167 versus \$6,070,083 on Exhibit GPD-2T, Sheet 2 of 3, line 40. This impacted the totals on lines 42 and 43 of the same Exhibit. The correct Net Capacity True-Up Over Recovered amount shown on Exhibit GPD-2T, Sheet 2 of 3, line 43 should be \$5,568,698, which is also shown on Exhibit GPD-2T, Sheet 1 of 3, line 7, and foots to line 9. The corrected number has been updated in the Petition and the Testimony and Exhibits of Witness Dean.

This filing will replace the previously filed Petition for Approval of Fuel Cost Recovery and Capacity Cost Recovery with Generating Performance Incentive Factor Actual True-Ups for the Period Ending December 2021, identified as DN 02229-2022. No other changes have been made to the filing. The redacted Testimony and Exhibits of Witness Anthony Salvarezza shall hereby be incorporated by reference to the original April 1st filing

Thank you for your assistance in this matter and if you have any questions, please feel free to contact me at (850) 521-1425.

Sincerely,

s/ Stephanie A. Cuello

Stephanie A. Cuello

SAC/mw
Enclosure

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Fuel and Purchase Power
Cost Recovery Clause with Generating
Performance Incentive Factor

Docket No. 20220001-EI

Filed: June 8, 2022

**AMENDED PETITION FOR APPROVAL OF FUEL COST RECOVERY AND
CAPACITY COST RECOVERY WITH GENERATING PERFORMANCE INCENTIVE
FACTOR ACTUAL TRUE-UPS FOR THE PERIOD ENDING DECEMBER 2021**

Duke Energy Florida, LLC (“DEF”), hereby petitions the Florida Public Service Commission (“FPSC” or “Commission”) for approval of DEF’s actual Fuel and Purchased Power Cost Recovery (“FCR”) true-up amount of \$412,524,152 under-recovery and actual Capacity Cost Recovery (“CCR”) true-up amount of \$5,568,698 over-recovery for the period ending December 2021. In support of this Amended Petition, DEF states as follows:

1. The actual \$412,524,152 FCR under-recovery for the period January 2021 through December 2021 was calculated in accordance with the methodology set forth in Schedule 1, page 2 of 2, attached to Order No. 10093, dated June 19, 1981. This calculation and the supporting documentation are contained in the prepared Amended testimony and exhibits of DEF witness Gary P. Dean, which is being filed together with the Amended Petition and is incorporated herein by reference.

2. By Order No. PSC-2022-0061-PCO-EI, the Commission approved DEF’s total estimated 2021 period-ending under-recovery of \$415,458,323. The actual FCR under-recovery including interest for the period January 2021 through December 2021 is \$412,524,152. The \$412,524,152 actual under-recovery, less the actual/estimated under-recovery of \$415,458,323, results in a total over-recovery of \$2,934,170.

3. The actual \$5,568,698 CCR over-recovery for the period January 2021 through December 2021 was calculated in accordance with the methodology set forth in Order No. 25773, dated February 24, 1992. This calculation and the supporting documentation are contained in the prepared Amended testimony and exhibits of DEF witness Gary P. Dean.

4. By Order Nos. PSC-2021-0442-FOF-EI and PSC-2021-0442A-FOF-EI, the Commission approved CCR Factors for the 12-month period commencing January 2022. These factors reflected an actual/estimated over-recovery, including interest, for the period January 2021 through December 2021 of \$2,718,273. The actual over-recovery, including interest, for the period January 2021 through December 2021 is \$5,568,698. The \$5,568,698 actual over-recovery, less the actual/estimated over-recovery of \$2,718,273, which is currently reflected in charges for the period beginning January 2022, results in a total over-recovery of \$2,850,425.

WHEREFORE, DEF respectfully requests the Commission to approve the net \$2,934,170 FCR over-recovery as the actual true-up amount for the period ending December 2021; and to approve the net \$2,850,425 CCR over-recovery as the actual true-up amount for the period ending December 2021.

Respectfully submitted,

s/Stephanie Cuello

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CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 8th day of June, 2022.

s/Stephanie Cuello

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DUKE ENERGY FLORIDA, LLC

DOCKET No. 20220001-EI

**Fuel and Capacity Cost Recovery
Actual True-Up for the Period
January 2021 - December 2021**

**AMENDED DIRECT TESTIMONY OF
Gary P. Dean**

May 18, 2022

1 **Q. Please state your name and business address.**

2 A. My name is Gary P. Dean. My business address is 299 First Avenue North,
3 St. Petersburg, Florida 33701.

4

5 **Q. By whom are you employed and in what capacity?**

6 A. I am employed by Duke Energy Florida, LLC (“DEF” or the “Company”), as
7 Rates and Regulatory Strategy Manager.

8

9 **Q. What are your responsibilities in that position?**

10 A. I am responsible for regulatory planning and cost recovery for DEF. These
11 responsibilities include completion of regulatory financial reports and
12 analysis of state, federal and local regulations and their impacts on DEF. In
13 this capacity, I am responsible for DEF’s Final True-Up, Actual/Estimated
14 Projection and Projection Filings in the Fuel Adjustment Clause, Capacity
15 Cost Recovery Clause and Environmental Cost Recovery Clause.

16

17 **Q. Please describe your educational background and professional
18 experience.**

1 A. I joined DEF on April 27, 2020 as the Rates and Regulatory Strategy
2 Manager. Prior to working at DEF, I was the Senior Manager, Optimization
3 for Chesapeake Utilities Corporation (“CUC”). In this role, I was
4 responsible for all pricing related to the company’s natural gas retail
5 business. Prior to working at CUC, I was the General Manager, Electric
6 Operations for South Jersey Energy Company (“SJEC”). In that capacity I
7 held P&L and strategic development responsibility for the company’s
8 electric retail book. Prior to working at SJEC I had various positions
9 associated with rates and regulatory affairs. In these positions I was
10 responsible for all rate and regulatory matters, including tariff and rate
11 design, financial modeling and analysis, and ensuring accurate rates for
12 billing. I received a Master of Business Administration from Rutgers
13 University and a Bachelor of Science degree in Commerce and
14 Engineering, majoring in Finance, from Drexel University.

15
16 **Q. What is the purpose of your testimony?**

17 A. The purpose of my testimony is to provide DEF’s Fuel Adjustment Clause
18 final true-up amount for the period of January 2021 through December 2021,
19 and DEF’s Capacity Cost Recovery Clause final true-up amount for the same
20 period.

21
22 **Q. Have you prepared exhibits to your testimony?**

1 A. Yes, I have prepared and attached to my true-up testimony as Exhibit No.
2 ____(GPD-1T), a Fuel Adjustment Clause true-up calculation and related
3 schedules; Exhibit No. ____(GPD-2T), a Capacity Cost Recovery Clause true-
4 up calculation and related schedules; Exhibit No. ____(GPD-3T), Schedules A1
5 through A3, A6, and A12 for December 2021, year-to-date; and Exhibit No.
6 ____(GPD-4T), with DEF's capital structure and cost rates. Schedules A1
7 through A9, and A12 for the year ended December 31, 2021, were filed with
8 the Commission on January 20, 2022.

9

10 **Q. What is the source of the data that you will present by way of testimony**
11 **or exhibits in this proceeding?**

12 A. Unless otherwise indicated, the actual data is taken from the books and
13 records of the Company. The books and records are kept in the regular
14 course of business in accordance with generally accepted accounting
15 principles and practices, and provisions of the Uniform System of Accounts
16 as prescribed by the Federal Energy Regulatory Commission, and any
17 accounting rules and orders established by this Commission. The Company
18 relies on the information included in this testimony and exhibits in the conduct
19 of its affairs.

20

21 **Q. Would you please summarize your testimony?**

22 A. Per Order No. PSC-2022-0061-PCO-EI, the total estimated 2021 period-
23 ending fuel under-recovery is \$415.46 million. The actual under-recovery for

1 2021 is \$412.52 million, resulting in a final fuel adjustment true-up over-
2 recovery amount of \$2.94 million. Exhibit No. __ (GPD-1T).

3
4 Per Order Nos. PSC-2021-0442-FOF-EI and PSC-2021-0442A-FOF-EI, the
5 estimated 2021 capacity cost recovery true-up amount was an over-recovery
6 of \$2.7 million. The actual amount for 2021 was an over-recovery of \$5.6
7 million, resulting in a final capacity true-up over-recovery amount of \$2.9
8 million. Exhibit No. __ (GPD-2T).

9

10 **FUEL COST RECOVERY**

11 **Q. What is DEF's jurisdictional ending balance as of December 31, 2021**
12 **for fuel cost recovery?**

13 A. The actual ending balance as of December 31, 2021 for true-up purposes is
14 an under-recovery of \$412,524,152, as shown on Exhibit No. __ (GPD-1T).

15

16 **Q. How does this amount compare to DEF's estimated 2021 ending**
17 **balance included in the Company's December 17, 2021 Midcourse**
18 **Filing?**

19 A. The actual true-up amount for the January 2021 - December 2021 period is
20 an under-recovery of \$412,524,152, which is \$2,934,170 lower than the re-
21 projected year end under-recovery balance of \$415,458,323, as shown on
22 Exhibit No. __ (GPD-1T).

23

1 **Q. How was the final true-up ending balance determined?**

2 A. The amount was determined in the manner set forth on Schedule A2 of the
3 Commission's standard forms previously submitted by the Company monthly,
4 updated to reflect the True-Up WACC as prescribed in Order No. PSC-2020-
5 0165-PAA-EU.

6

7 **Q. What factors contributed to the period-ending jurisdictional net over-**
8 **recovery of \$2,934,170 shown on your Exhibit No. __ (GPD-1T)?**

9 A. The \$2.9 million is driven primarily by increased generation and purchased
10 power costs of \$7.1 million and \$2.3 million, respectively, offset by \$9.2
11 million higher sales.

12

13 **Q. Please explain the components shown on Exhibit No. __ (GPD-1T),**
14 **sheet 6 of 6, which helps to explain the \$3.5 million unfavorable system**
15 **variance from the projected cost of fuel and net purchased power**
16 **transactions.**

17 A. Exhibit No. __ (GPD-1T), sheet 6 of 6 is an analysis of the system dollar
18 variance for each energy source in terms of three interrelated components;
19 (1) changes in the amount (mWh's) of energy required; (2) changes in the
20 heat rate of generated energy (BTU's per kWh); and (3) changes in the
21 unit price of either fuel consumed for generation (\$ per million BTU) or energy
22 purchases and sales (cents per kWh). The \$3.5 million unfavorable system
23 variance is mainly attributable to higher natural gas generation and firm

1 purchases, partially offset by lower coal generation and qualifying facilities
2 costs.

3

4 **Q. Does this period ending true-up balance include any noteworthy**
5 **adjustments to fuel expense?**

6 A. Yes. Noteworthy adjustments are shown on Exhibit No. ____(GPD-3T) in the
7 footnote to line 6b on page 1 of 2, Schedule A2.

8

9 Consistent with Order No. PSC-2018-0240-PAA-EQ dated May 8, 2018, DEF
10 included an adjustment of approximately \$13.20 million system (\$13.13
11 million retail) for amortization of the Florida Power Development, LLC
12 qualifying facility regulatory asset partially offset by a credit of approximately
13 \$7.21 million system (\$7.21 million retail) related to Crystal River 4
14 replacement power costs approved in Order No. PSC-2021-0466-FOF-EI.
15 These adjustments are shown on Exhibit No. ____ (GPD-3T), in the footnotes
16 to Line 6b on page 1 of 2, Schedule A2, and on line 3, page 1 of 2, Schedule
17 A1.

18

19 **Q. Did DEF make an adjustment for changes in coal inventory based on an**
20 **Aerial Survey?**

21 A. Yes. DEF included an adjustment of \$4.7 million to coal inventory attributable
22 to the semi-annual aerial surveys conducted on May 4, 2021 and October 26,
23 2021, in accordance with Order No. PSC-1997-0359-FOF-EI, Docket No.

1 19970001-EI. This adjustment represents 2.85% of the total coal consumed
2 at the Crystal River facility in 2021.

3

4 **Q. Did DEF exceed the economy sales threshold in 2021?**

5 A. Yes. DEF did exceed the gain on economy sales threshold of \$1.7 million in
6 2021. As reported on Schedule A1-2, Line 11a, the gain for the year-to-date
7 period through December 2021 was \$2.9 million. Consistent with Order No.
8 PSC-01-2371-FOF-EI, shareholders retain 20% of the gain in excess of the
9 three-year rolling average. For 2021, that amount is approximately \$0.2
10 million.

11

12 **Q. Has the three-year rolling average gain on economy sales included in**
13 **the Company's filing for the November 2021 hearings been updated to**
14 **incorporate actual data for all of year 2021?**

15 A. Yes. DEF has calculated its three-year rolling average gain on economy
16 sales, based entirely on actual data for calendar years 2019 through 2021,
17 as follows:

18

	<u>Year</u>	<u>Actual Gain</u>
	2019	\$ 1,649,136
	2020	\$ 1,223,709
	2021	<u>\$ 2,855,389</u>
23	Three-Year Average	<u>\$ 1,909,411</u>

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CAPACITY COST RECOVERY

Q. What is the Company's jurisdictional ending balance as of December 31, 2021 for capacity cost recovery?

A. The actual ending balance as of December 31, 2021 for true-up purposes is an over-recovery of \$5,568,698, as shown on Exhibit No. __ (GPD-2T).

Q. How does this amount compare to the estimated 2021 ending balance included in the Company's Actual/Estimated Filing?

A. When the estimated 2021 over-recovery of \$2,718,273 is compared to the \$5,568,698 actual over-recovery, the final capacity true-up for the twelve-month period ended December 2021 is an over-recovery of \$2,850,425, as shown on Exhibit No. __ (GPD-2T).

Q. Is this true-up calculation consistent with the true-up methodology used for the other cost recovery clauses?

A. Yes. The calculation of the final net true-up amount follows the procedures established by the Commission.

Q. What factors contributed to the actual period-end capacity over-recovery of \$2.9 million?

1 A. Exhibit No. __ (GPD-2T, sheet 1 of 3) compares actual results to the original
2 projection for the period. The \$2.9 million over-recovery is primarily due to
3 lower capacity costs.

4

5

OTHER MATTERS

6

7 **Q. What capital structure and cost rates did DEF rely on to calculate the**
8 **revenue requirement rate of return for the period January 2021 through**
9 **December 2021?**

10 A. DEF used the capital structure and cost rates consistent with the language in
11 Order No. PSC-2020-0165-PAA-EU. The capital structure and cost rates
12 relied on to calculate the revenue requirement rate of return for the period
13 January 2021 through December 2021 are shown on Exhibit No. __ (GPD-
14 4T).

15

16 **Q. Does this conclude your direct true-up testimony?**

17 A. Yes.

18

19

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22

23

Duke Energy Florida, LLC
 Fuel Adjustment Clause
 Summary of Actual True-Up Amount
 January 2021 - December 2021

Line No.	Description	Contribution to Over/(Under) Recovery Period to Date
	KWH Sales:	
1	Jurisdictional kWh Sales - Difference	142,117,132
2	Non-Jurisdictional kWh Sales - Difference	54,994,513
3	Total System kWh Sales - Difference Schedule A2, pg 1 of 2, line B3	<u>197,111,645</u>
	System:	
4	Fuel and Net Purchased Power Costs - Difference Schedule A2, page 2 of 2, line C4	<u>\$ 173,018,339</u>
	Jurisdictional:	
5	Fuel Revenues - Difference Schedule A2, page 2 of 2, line C3	4,579,516
6	Fuel and Net Purchased Power Costs - Difference Schedule A2, page 2 of 2, line C6 - C12 - C7	<u>416,992,542</u>
7	True-Up Amount for the Period	(412,413,026)
8	True-Up for the Prior Period Schedule A2, page 2 of 2, line C9	21,579,587
9	True-Up Collected/(Refunded) in Current Period	(21,579,586)
10	Interest Provision Schedule A2, page 2 of 2, line C8	<u>(111,128)</u>
11	Actual True-Up Ending Balance for the Period January 2021 through December 2021 Schedule A2, page 2 of 2, line C13	(412,524,152)
12	Estimated True-Up Ending Balance for the Period January 2021 through December 2021 as approved in Order No. PSC-2022-0061-PCO-EI *	(415,458,323)
13	Total True-Up for the Period January 2021 through December 2021	<u>\$ 2,934,170</u>

* Line 12 includes approximately \$246.8M approved by the Commission as part of DEF's Rate Mitigation Plan in Order No. PSC-2021-0425-FOF-EI with the remaining balance of approximately \$168.7M approved for recovery in DEF's Mid-course Correction Order No. PSC-2022-0061-PCO-EI.

Duke Energy Florida, LLC
Fuel Adjustment Clause
Calculation of Actual True-up
January 2021 - December 2021

		JAN ACTUAL	FEB ACTUAL	MAR ACTUAL	APR ACTUAL	MAY ACTUAL	JUN ACTUAL	6 MONTH SUB- TOTAL	
A	1	Fuel Cost of System Generation	\$ 91,130,395	\$ 89,669,082	\$ 92,086,502	\$ 91,479,028	\$ 116,809,348	\$ 123,000,789	\$ 604,175,144
	2	Fuel Cost of Power Sold	(6,980,349)	(2,343,139)	(2,503,060)	(3,313,839)	(8,802,456)	(8,990,972)	(32,933,814)
	3	Fuel Cost of Purchased Power	1,098,076	3,598,830	12,098,754	5,959,317	10,846,159	13,023,594	46,624,731
	3a	Demand and Non-Fuel Cost of Purchased Power	-	-	-	-	-	-	-
	3b	Energy Payments to Qualified Facilities	7,548,154	7,301,243	8,097,325	7,109,630	8,508,302	9,152,559	47,717,214
	4	Energy Cost of Economy Purchases	541,456	928,870	1,048,067	1,424,838	4,071,775	3,333,096	11,348,103
	5	Adjustments to Fuel Cost	1,287,414	1,129,037	1,088,154	1,105,338	1,102,029	3,040,212	8,752,184
	6	TOTAL FUEL & NET POWER TRANSACTIONS	<u>94,625,147</u>	<u>100,283,924</u>	<u>111,915,742</u>	<u>103,764,312</u>	<u>132,535,158</u>	<u>142,559,279</u>	<u>685,683,562</u>
		(Sum of Lines A1 Through A5)							
B	1	Jurisdictional MWH Sales	2,883,090	2,745,686	2,893,187	2,950,824	3,156,780	3,692,154	18,321,719
	2	Non-Jurisdictional MWH Sales	17	15,027	1,840	1,128	1,780	19,330	39,122
	3	TOTAL SALES (Lines B1 + B2)	<u>2,883,105</u>	<u>2,760,713</u>	<u>2,895,026</u>	<u>2,951,953</u>	<u>3,158,561</u>	<u>3,711,484</u>	<u>18,360,842</u>
	4	Jurisdictional % of Total Sales (Line B1/B3)	100.00%	99.46%	99.94%	99.96%	99.94%	99.48%	99.79%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	87,983,471	83,155,269	87,192,862	89,476,925	96,745,142	114,558,977	559,112,646
	2	True-Up Provision	5,090,285	5,090,285	5,090,285	5,090,285	5,090,285	5,090,285	30,541,710
	2a	Incentive Provision	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(2,203,856)
	3	FUEL REVENUE APPLICABLE TO PERIOD	<u>92,706,447</u>	<u>87,878,245</u>	<u>91,915,838</u>	<u>94,199,901</u>	<u>101,468,118</u>	<u>119,281,953</u>	<u>587,450,500</u>
		(Sum of Lines C1 Through C2a)							
	4	Fuel & Net Power Transactions (Line A6)	94,625,147	100,283,924	111,915,742	103,764,312	132,535,158	142,559,279	685,683,562
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>94,654,481</u>	<u>99,770,319</u>	<u>111,879,910</u>	<u>103,751,849</u>	<u>132,492,725</u>	<u>141,857,680</u>	<u>684,406,963</u>
	6	Over/(Under) Recovery (Line 3 - Line 5)	(1,948,034)	(11,892,074)	(19,964,072)	(9,551,948)	(31,024,607)	(22,575,727)	(96,956,463)
	7	Interest Provision	1,625	545	(1,197)	(2,785)	(3,010)	(4,605)	(9,427)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>(1,946,408)</u>	<u>(11,891,529)</u>	<u>(19,965,268)</u>	<u>(9,554,733)</u>	<u>(31,027,617)</u>	<u>(22,580,329)</u>	<u>(96,965,887)</u>
	9	Plus: Prior Period Balance	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587
	10	Plus: Cumulative True-Up Provision	(5,090,285)	(10,180,570)	(15,270,855)	(20,361,139)	(25,451,425)	(30,541,710)	(30,541,710)
	11	Subtotal Prior Period True-up	<u>16,489,302</u>	<u>11,399,017</u>	<u>6,308,732</u>	<u>1,218,448</u>	<u>(3,871,838)</u>	<u>(8,962,122)</u>	<u>(8,962,122)</u>
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	<u>14,542,894</u>	<u>(2,438,921)</u>	<u>(27,494,476)</u>	<u>(\$42,139,494)</u>	<u>(\$78,257,396)</u>	<u>(\$105,928,013)</u>	<u>(105,928,013)</u>

Duke Energy Florida, LLC
Fuel Adjustment Clause
Calculation of Actual True-up
January 2021 - December 2021

		JUL ACTUAL	AUG ACTUAL	SEPT ACTUAL	OCT ACTUAL	NOV ACTUAL	DEC ACTUAL	12 MONTH PERIOD	
A	1	Fuel Cost of System Generation	\$ 148,931,960	\$ 165,169,460	\$ 158,793,245	\$ 185,424,072	\$ 156,689,007	\$ 146,830,015	\$ 1,566,012,904
	2	Fuel Cost of Power Sold	(11,387,686)	(12,767,865)	(14,917,255)	(19,177,440)	(11,072,299)	(10,739,821)	(112,996,180)
	3	Fuel Cost of Purchased Power	10,776,054	14,150,545	15,835,079	15,320,134	2,150,189	5,188,901	110,045,633
	3a	Demand and Non-Fuel Cost of Purchased Power	-	-	-	-	-	-	-
	3b	Energy Payments to Qualified Facilities	8,708,077	9,031,911	8,952,041	8,982,700	7,770,730	9,723,679	100,886,353
	4	Energy Cost of Economy Purchases	4,321,612	3,611,096	8,320,941	5,227,466	382,864	1,088,119	34,300,202
	5	Adjustments to Fuel Cost	1,109,677	1,121,003	107,024	1,083,801	(6,133,298)	3,779,665	9,820,056
	6	TOTAL FUEL & NET POWER TRANSACTIONS	<u>162,459,696</u>	<u>180,316,150</u>	<u>177,091,076</u>	<u>196,860,734</u>	<u>149,787,195</u>	<u>155,870,558</u>	<u>1,708,068,970</u>
		(Sum of Lines A1 Through A5)							
B	1	Jurisdictional MWH Sales	3,774,783	3,758,053	4,155,474	3,724,431	2,547,394	3,171,756	39,453,609
	2	Non-Jurisdictional MWH Sales	48,760	95,797	41,053	580	2,538	567	228,418
	3	TOTAL SALES (Lines B1 + B2)	<u>3,823,543</u>	<u>3,853,850</u>	<u>4,196,526</u>	<u>3,725,011</u>	<u>2,549,932</u>	<u>3,172,322</u>	<u>39,682,027</u>
	4	Jurisdictional % of Total Sales (Line B1/B3)	98.72%	97.51%	99.02%	99.98%	99.90%	99.98%	99.42%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	117,399,908	117,267,313	147,489,868	131,011,067	88,131,897	108,553,472	1,268,966,170
	2	True-Up Provision	5,090,285	5,090,285	5,090,285	(8,077,661)	(8,077,661)	(8,077,661)	21,579,586
	2a	Incentive Provision	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(4,407,712)
	3	FUEL REVENUE APPLICABLE TO PERIOD	<u>122,122,884</u>	<u>121,990,289</u>	<u>152,212,844</u>	<u>122,566,097</u>	<u>79,686,927</u>	<u>100,108,502</u>	<u>1,286,138,044</u>
		(Sum of Lines C1 Through C2a)							
	4	Fuel & Net Power Transactions (Line A6)	162,459,696	180,316,150	177,091,076	196,860,734	149,787,195	155,870,558	1,708,068,972
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>160,425,118</u>	<u>175,875,509</u>	<u>175,404,683</u>	<u>196,876,472</u>	<u>149,679,306</u>	<u>155,883,019</u>	<u>1,698,551,071</u>
	6	Over/(Under) Recovery (Line 3 - Line 5)	(38,302,235)	(53,885,220)	(23,191,838)	(74,310,375)	(69,992,380)	(55,774,517)	(412,413,028)
	7	Interest Provision	(7,657)	(8,941)	(11,123)	(16,183)	(26,705)	(31,092)	(111,128)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>(38,309,892)</u>	<u>(53,894,161)</u>	<u>(23,202,961)</u>	<u>(74,326,558)</u>	<u>(70,019,085)</u>	<u>(55,805,609)</u>	<u>(412,524,155)</u>
	9	Plus: Prior Period Balance	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587
	10	Plus: Cumulative True-Up Provision	(35,631,995)	(40,722,281)	(45,812,566)	(37,734,905)	(29,657,245)	(21,579,584)	(21,579,584)
	11	Subtotal Prior Period True-up	(14,052,408)	(19,142,694)	(24,232,979)	(16,155,318)	(8,077,658)	3	3
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	<u>(\$149,328,190)</u>	<u>(\$208,312,636)</u>	<u>(\$236,605,883)</u>	<u>(\$302,854,780)</u>	<u>(\$364,796,204)</u>	<u>(\$412,524,152)</u>	<u>(412,524,152)</u>

Duke Energy Florida, LLC
Fuel Adjustment Clause
Calculation of 2021 Actual/Estimated True-up
January 2021 - December 2021 (Filed 12/17/21 - Midcourse Filing)

		JAN ACTUAL	FEB ACTUAL	MAR ACTUAL	APR ACTUAL	MAY ACTUAL	JUN ACTUAL	6 MONTH SUB- TOTAL	
A	1	Fuel Cost of System Generation	\$ 91,130,395	\$ 89,669,082	\$ 92,086,502	\$ 91,479,028	\$ 116,809,348	\$ 123,000,789	\$ 604,175,144
	2	Fuel Cost of Power Sold	(6,980,349)	(2,343,139)	(2,503,060)	(3,313,839)	(8,802,456)	(8,990,972)	(32,933,814)
	3	Fuel Cost of Purchased Power	1,098,076	3,598,830	12,098,754	5,959,317	10,846,159	13,023,594	46,624,731
	3a	Demand and Non-Fuel Cost of Purchased Power	-	-	-	-	-	-	-
	3b	Energy Payments to Qualified Facilities	7,548,154	7,301,243	8,097,325	7,109,630	8,508,302	9,152,559	47,717,214
	4	Energy Cost of Economy Purchases	541,456	928,870	1,048,067	1,424,838	4,071,775	3,333,096	11,348,103
	5	Adjustments to Fuel Cost	1,287,414	1,129,037	1,088,154	1,105,338	1,102,029	3,040,212	8,752,184
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	<u>94,625,147</u>	<u>100,283,924</u>	<u>111,915,742</u>	<u>103,764,312</u>	<u>132,535,158</u>	<u>142,559,279</u>	<u>685,683,562</u>
B	1	Jurisdictional MWH Sales	2,883,089	2,745,686	2,893,186	2,950,824	3,156,781	3,692,154	18,321,720
	2	Non-Jurisdictional MWH Sales	17	15,027	1,840	1,128	1,780	19,330	39,122
	3	TOTAL SALES (Lines B1 + B2)	<u>2,883,105</u>	<u>2,760,713</u>	<u>2,895,026</u>	<u>2,951,952</u>	<u>3,158,561</u>	<u>3,711,484</u>	<u>18,360,842</u>
	4	Jurisdictional % of Total Sales (Line B1/B3)	100.00%	99.46%	99.94%	99.96%	99.94%	99.48%	99.79%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	87,983,471	83,155,269	87,192,862	89,476,925	96,745,142	114,558,977	559,112,646
	2	True-Up Provision	5,090,285	5,090,285	5,090,285	5,090,285	5,090,285	5,090,285	30,541,710
	2a	Incentive Provision	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(2,203,854)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	<u>92,706,447</u>	<u>87,878,245</u>	<u>91,915,838</u>	<u>94,199,901</u>	<u>101,468,118</u>	<u>119,281,953</u>	<u>587,450,502</u>
	4	Fuel & Net Power Transactions (Line A6)	94,625,147	100,283,924	111,915,742	103,764,312	132,535,158	142,559,279	685,683,562
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>94,654,481</u>	<u>99,770,319</u>	<u>111,879,910</u>	<u>103,751,849</u>	<u>132,492,725</u>	<u>141,857,680</u>	<u>684,406,963</u>
	6	Over/(Under) Recovery (Line 3 - Line 5)	(1,948,034)	(11,892,074)	(19,964,072)	(9,551,948)	(31,024,607)	(22,575,727)	(96,956,461)
	7	Interest Provision	1,625	545	(1,197)	(2,785)	(3,010)	(4,605)	(9,427)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>(1,946,408)</u>	<u>(11,891,529)</u>	<u>(19,965,269)</u>	<u>(9,554,733)</u>	<u>(31,027,617)</u>	<u>(22,580,331)</u>	<u>(96,965,888)</u>
	9	Plus: Prior Period Balance	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587
	10	Plus: Cumulative True-Up Provision	(5,090,285)	(10,180,570)	(15,270,855)	(20,361,140)	(25,451,425)	(30,541,710)	(30,541,710)
	11	Subtotal Prior Period True-up	16,489,302	11,399,017	6,308,732	1,218,447	(3,871,838)	(8,962,123)	(8,962,123)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	<u>\$14,542,893</u>	<u>(\$2,438,921)</u>	<u>(\$27,494,475)</u>	<u>(\$42,139,493)</u>	<u>(\$78,257,395)</u>	<u>(\$105,928,010)</u>	<u>(105,928,010)</u>

Duke Energy Florida, LLC
Fuel Adjustment Clause
Calculation of 2017 Actual/Estimated True-up
January 2021 - December 2021 (Filed 12/17/21 - Midcourse Filing)

		JUL ACTUAL	AUG ACTUAL	SEPT ACTUAL	OCT ACTUAL	NOV ACTUAL	DEC ESTIMATED	12 MONTH PERIOD	
A	1	Fuel Cost of System Generation	\$ 148,931,960	\$ 165,169,460	\$ 158,793,245	\$ 185,424,072	\$ 156,689,007	\$ 139,734,801	\$ 1,558,917,690
	2	Fuel Cost of Power Sold	(11,387,686)	(12,767,865)	(14,917,255)	(19,177,440)	(11,072,297)	(4,800,356)	(107,056,713)
	3	Fuel Cost of Purchased Power	10,776,054	14,150,545	15,835,079	15,320,134	2,150,189	55,778	104,912,510
	3a	Demand and Non-Fuel Cost of Purchased Power	-	-	-	-	-	-	-
	3b	Energy Payments to Qualified Facilities	8,708,077	9,031,911	8,952,041	8,982,700	7,770,730	13,221,196	104,383,869
	4	Energy Cost of Economy Purchases	4,321,612	3,611,096	8,320,941	5,227,466	382,864	390,106	33,602,189
	5	Adjustments to Fuel Cost	1,109,677	1,121,003	107,024	1,083,801	(6,133,298)	1,076,898	7,117,289
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	<u>162,459,696</u>	<u>180,316,150</u>	<u>177,091,076</u>	<u>196,860,734</u>	<u>149,787,195</u>	<u>149,678,423</u>	<u>1,701,876,835</u>
B	1	Jurisdictional MWH Sales	3,774,783	3,758,052	4,155,473	3,724,431	2,547,394	2,830,489	39,112,342
	2	Non-Jurisdictional MWH Sales	48,760	95,797	41,053	580	2,538	1,255	229,105
	3	TOTAL SALES (Lines B1 + B2)	<u>3,823,543</u>	<u>3,853,850</u>	<u>4,196,526</u>	<u>3,725,010</u>	<u>2,549,933</u>	<u>2,831,743</u>	<u>39,341,448</u>
	4	Jurisdictional % of Total Sales (Line B1/B3)	98.72%	97.51%	99.02%	99.98%	99.90%	99.96%	99.42%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	117,399,908	117,267,313	147,489,868	131,011,067	88,131,897	99,396,843	1,259,809,541
	2	True-Up Provision	5,090,285	5,090,285	5,090,285	(8,077,661)	(8,077,661)	(8,077,656)	21,579,592
	2a	Incentive Provision	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(367,313)	(4,407,712)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	<u>122,122,884</u>	<u>121,990,289</u>	<u>152,212,844</u>	<u>122,566,097</u>	<u>79,686,927</u>	<u>90,951,874</u>	<u>1,276,981,421</u>
	4	Fuel & Net Power Transactions (Line A6)	162,459,696	180,316,150	177,091,076	196,860,734	149,787,195	149,678,423	1,701,876,835
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>160,425,118</u>	<u>175,875,509</u>	<u>175,404,683</u>	<u>196,876,471</u>	<u>149,679,306</u>	<u>149,660,445</u>	<u>1,692,328,495</u>
	6	Over/(Under) Recovery (Line 3 - Line 5)	(38,302,235)	(53,885,220)	(23,191,838)	(74,310,375)	(69,992,380)	(58,708,570)	(415,347,079)
	7	Interest Provision	(7,657)	(8,941)	(11,123)	(16,183)	(26,705)	(31,206)	(111,242)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>(38,309,892)</u>	<u>(53,894,161)</u>	<u>(23,202,961)</u>	<u>(74,326,558)</u>	<u>(70,019,085)</u>	<u>(58,739,776)</u>	<u>(415,458,321)</u>
	9	Plus: Prior Period Balance	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587
	10	Plus: Cumulative True-Up Provision	(35,631,995)	(40,722,280)	(45,812,565)	(37,734,904)	(29,657,243)	(21,579,591)	(21,579,591)
	11	Subtotal Prior Period True-up	(14,052,408)	(19,142,693)	(24,232,978)	(16,155,318)	(8,077,657)	(5)	(5)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	<u>(\$149,328,189)</u>	<u>(\$208,312,635)</u>	<u>(\$236,605,881)</u>	<u>(\$302,854,778)</u>	<u>(\$364,796,202)</u>	<u>(\$415,458,323)</u>	<u>(415,458,323)</u>

Duke Energy Florida, LLC
 Fuel Adjustment Clause
 Fuel and Net Power Cost Variance Analysis
 January 2021 - December 2021

(A)	(B)	(C)	(D)	(E)
Energy Source	MWH Variances	Heat Rate Variances	Price Variances	Total
1 Heavy Oil	0	0	0	0
2 Light Oil	(1,011,117)	803,741	34,227	(173,149)
3 Coal	(4,007,672)	221,462	(1,646,462)	(5,432,672)
4 Gas	9,619,914	5,792,754	(2,711,633)	12,701,035
5 Nuclear	0	0	0	0
6 Other Fuel	0	0	0	0
7 Total Generation	<u>4,601,126</u>	<u>6,817,957</u>	<u>(4,323,868)</u>	<u>7,095,214</u>
8 Firm Purchases	4,007,813	0	1,125,310	5,133,123
9 Economy Purchases	749,162	0	(51,150)	698,013
10 Schedule E Purchases	0	0	0	0
11 Qualifying Facilities	(1,216,788)	0	(2,280,729)	(3,497,516)
12 Total Purchases	<u>3,540,187</u>	<u>0</u>	<u>(1,206,568)</u>	<u>2,333,619</u>
13 Economy Sales	0	0	0	0
14 Other Power Sales	(2,552,564)	0	7,518	(2,545,046)
15 Supplemental Sales	(4,298,319)	0	903,900	(3,394,420)
16 Total Sales	<u>(6,850,883)</u>	<u>0</u>	<u>911,418</u>	<u>(5,939,465)</u>
17 Total Fuel and Net Power Cost Variance	<u><u>1,290,430</u></u>	<u><u>6,817,957</u></u>	<u><u>(4,619,018)</u></u>	<u><u>3,489,368</u></u>

Duke Energy Florida, LLC
 Capacity Cost Recovery Clause
 Summary of Actual True-Up Amount
 January 2021 - December 2021

Line No.	Description	Actual	Actual/Estimated	Variance
	Jurisdictional:			
1	Capacity Cost Recovery Revenues Sheet 2 of 3, Line 35 & Sheet 3 of 3, Line 35	\$ 483,783,463	\$ 484,578,871	\$ (795,408)
2	Capacity Cost Recovery Expenses Sheet 2 of 3, Line 31 & Sheet 3 of 3, Line 31	484,743,860	488,389,201	(3,645,341)
3	Plus/(Minus) Interest Provision Sheet 2 of 3, Line 38 & Sheet 3 of 3, Line 38	<u>(4,072)</u>	<u>(4,567)</u>	<u>495</u>
4	Sub-Total Current Period Over/(Under) Recovery Sheet 2 of 3, Line 39 & Sheet 3 of 3, Line 39	\$ (964,469)	\$ (3,814,896)	\$ 2,850,427
5	Prior Period True-up - January through December 2020 - Over/(Under) Recovery Sheet 2 of 3, Line 40 & Sheet 3 of 3, Line 40	6,070,083	6,070,083	0
6	Prior Period True-up - January through December 2020 - (Refunded)/Collected Sheet 2 of 3, Line 41 & Sheet 3 of 3, Line 41	<u>463,084</u>	<u>463,084</u>	<u>0</u>
7	Actual True-Up Ending Balance Over/(Under) Recovery for the Period January through December 2021 Sheet 2 of 3, Line 43 & Sheet 3 of 3, Line 43	\$ 5,568,698	\$ 2,718,273	\$ 2,850,425
8	Estimated True-Up Ending Balance for the Period Included in the Filing of Levelized Fuel Cost Factors January through December 2022 per Order No. PSC-2021-0442-FOF-EI (Sheet 3 of 3, Line 43)	\$2,718,273		
9	Total Over/(Under) Recovery for the Period January through December 2021 (Line 7 - Line 8)	<u>\$ 2,850,425</u>		

Duke Energy Florida, LLC
 Capacity Cost Recovery Clause
 Calculation of Actual True-Up
 January 2021 - December 2021

	ACT Jan-21	ACT Feb-21	ACT Mar-21	ACT Apr-21	ACT May-21	ACT Jun-21	ACT Jul-21	ACT Aug-21	ACT Sep-21	ACT Oct-21	ACT Nov-21	ACT Dec-21	Total	
1 Base Production Level Capacity Costs														
2 Orange Cogen (ORANGECO)	6,181,528	6,196,226	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,094,746	74,172,395	
3 Orlando Cogen Limited (ORLACOGL)	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	74,711,198	
4 Pasco County Resource Recovery (PASCOUNT)	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	27,412,320	
5 Pinellas County Resource Recovery (PINCOUNT)	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	65,253,240	
6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	101,978,675	
7 Subtotal - Base Level Capacity Costs	28,627,814	28,642,512	28,635,163	28,635,163	28,635,163	28,635,163	28,635,163	28,635,163	28,635,163	28,635,163	28,635,163	28,541,033	343,527,827	
8 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%	92.885%	
9 Base Level Jurisdictional Capacity Costs	26,590,945	26,604,598	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,510,338	319,085,824	
10 Intermediate Production Level Capacity Costs														
11 Southern Franklin	4,832,347	4,988,816	2,913,671	2,914,969	3,198,304	(755,104)	0	0	0	0	0	79,292	18,172,295	
12 Schedule H Capacity Sales	(5,587)	0	0	0	0	225,736	244,901	0	0	0	0	(21,852)	515,997	
13 Subtotal - Intermediate Level Capacity Costs	4,826,760	4,988,816	2,913,671	2,914,969	3,198,304	(529,369)	244,901	0	0	0	0	72,800	18,688,292	
14 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%	72.703%	
15 Intermediate Level Jurisdictional Capacity Costs	3,509,199	3,627,019	2,118,327	2,119,270	2,325,263	(384,867)	178,050	0	0	0	0	52,928	41,760	13,586,948
16 Peaking Production Level Capacity Costs														
17 Shady Hills	1,976,940	1,976,940	1,976,940	804,060	1,916,460	3,896,100	4,825,132	2,675,452	597,532	799,264	940,024	1,779,955	24,164,799	
18 Vandolah	3,033,279	2,968,686	2,017,074	1,998,157	2,873,617	5,948,748	3,950,401	5,847,436	2,792,890	1,973,594	2,072,642	3,028,955	38,505,479	
19 Other														
20 Subtotal - Peaking Level Capacity Costs	5,010,219	4,945,626	3,994,014	2,802,217	4,790,077	9,844,848	8,775,533	8,522,888	3,390,422	2,772,858	3,012,666	4,808,911	62,670,277	
21 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%	95.924%	
22 Peaking Level Jurisdictional Capacity Costs	4,806,003	4,744,042	3,831,218	2,687,999	4,594,833	9,443,572	8,417,842	8,175,495	3,252,228	2,659,837	2,889,869	4,612,899	60,115,837	
23 Other Capacity Costs														
24 Retail Wheeling	0	(19,418)	(4,147)	(1,634)	0	0	0	0	0	0	(175,299)	(307,940)	(508,438)	
25 Ridge Generating Station L.P. Termination ¹	670,785	667,189	656,848	657,880	654,349	650,819	647,288	643,758	640,228	636,697	633,167	625,726	7,784,734	
26 State Corporate Income Tax Change ²	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(2,793,312)	
27 CR1&2 NBV ³	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	80,592,431	
28 Total Other Capacity Costs	7,154,045	7,131,031	7,135,961	7,139,506	7,137,609	7,134,079	7,130,548	7,127,018	7,123,488	7,119,957	6,941,128	6,801,046	85,075,415	
29 Total Capacity Costs (line 9+15+22+28)	42,060,192	42,106,689	39,683,277	38,544,545	40,655,476	42,790,556	42,324,212	41,900,284	36,973,487	36,377,565	36,481,697	37,966,044	477,864,024	
30 ISFSI Revenue Requirement³	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	6,879,837	
31 Total Recoverable Capacity & ISFSI Costs (line 29+30)	42,633,512	42,680,009	40,256,597	39,117,864	41,228,795	43,363,876	42,897,531	42,473,604	37,546,807	36,950,885	37,055,017	38,539,363	484,743,860	
32 Capacity Revenues:														
33 Capacity Cost Recovery Revenues (net of tax)	35,903,840	34,543,316	35,777,609	36,135,702	39,269,964	45,215,250	46,088,175	45,797,326	50,153,126	45,022,522	32,139,196	38,200,521	484,246,547	
34 Prior Period True-Up Provision Over/(Under) Recovery	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(463,084)	
35 Current Period CCR Revenues (net of tax)	35,865,250	34,504,726	35,739,018	36,097,112	39,231,373	45,176,659	46,049,585	45,758,736	50,114,536	44,983,932	32,100,605	38,161,931	483,783,463	
36 True-Up Provision														
37 True-Up Provision - Over/(Under) Recov (Line 35-31)	(6,768,262)	(8,175,284)	(4,517,578)	(3,020,753)	(1,997,422)	1,812,785	3,152,052	3,285,132	12,567,729	8,033,047	(4,954,412)	(377,434)	(960,397)	
38 Interest Provision for the Month	249	(425)	(883)	(1,181)	(862)	(865)	(886)	(576)	(178)	407	669	459	(4,072)	
39 Current Cycle Balance - Over/(Under)	(6,768,013)	(14,943,723)	(19,462,183)	(22,484,118)	(24,482,402)	(22,670,482)	(19,519,316)	(16,234,760)	(3,667,208)	4,366,246	(587,497)	(964,471)	(964,471)	
40 Prior Period Balance - Over/(Under) Recovered	6,070,083	6,108,673	6,147,264	6,185,854	6,224,444	6,263,035	6,301,625	6,340,215	6,378,806	6,417,396	6,455,986	6,494,577	6,070,083	
41 Prior Period Cumulative True-Up Collected/(Refunded)	38,590	38,590	38,590	38,590	38,590	38,590	38,590	38,590	38,590	38,590	38,590	38,590	463,084	
42 Prior Period True-up Balance - Over/(Under)	6,108,673	6,147,264	6,185,854	6,224,444	6,263,035	6,301,625	6,340,215	6,378,806	6,417,396	6,455,986	6,494,577	6,533,167	6,533,167	
43 Net Capacity True-up Over/(Under) (Line 39+42)	(659,340)	(8,796,459)	(13,276,330)	(16,259,674)	(18,219,367)	(16,368,857)	(13,179,101)	(9,855,954)	2,750,188	10,822,232	5,907,080	5,568,698	5,568,698	

¹ Approved in Order No. PSC-2018-0532-PAA-EQ.

² Approved in Order No. PSC-2021-0024-FOF-EI.

³ As set forth in DEF's 2017 Settlement approved in Commission Order No. PSC-2017-0451-AS-EU.

Duke Energy Florida, LLC
 Capacity Cost Recovery Clause
 Calculation of Actual/Estimated True-Up
 January 2021 - December 2021 (Filed 9/3/21)

	ACT Jan-21	ACT Feb-21	ACT Mar-21	ACT Apr-21	ACT May-21	ACT Jun-21	ACT Jul-21	EST Aug-21	EST Sep-21	EST Oct-21	EST Nov-21	EST Dec-21	Total
1 Base Production Level Capacity Costs													
2 Orange Cogen (ORANGE CO)	6,181,528	6,196,226	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	74,266,524
3 Orlando Cogen Limited (ORLACOGL)	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	74,711,197
4 Pasco County Resource Recovery (PASCOUNT)	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	27,412,320
5 Pinellas County Resource Recovery (PINCOUNT)	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	65,253,240
6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	101,978,673
7 Subtotal - Base Level Capacity Costs	28,627,814	28,642,512	28,635,163	28,635,163	28,635,163	28,635,163	28,635,163	28,635,162	28,635,162	28,635,162	28,635,162	28,635,162	343,621,954
8 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%	92.885%
9 Base Level Jurisdictional Capacity Costs	26,590,945	26,604,597	26,597,770	26,597,770	26,597,770	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	319,173,247
10 Intermediate Production Level Capacity Costs													
11 Southern Franklin	4,832,347	4,988,816	2,913,671	2,914,969	3,198,304	(755,104)	0	0	0	0	0	0	18,093,003
12 Schedule H Capacity Sales	(5,587)	0	0	0	0	225,736	244,901	0	0	0	0	0	465,050
13 Subtotal - Intermediate Level Capacity Costs	4,826,760	4,988,816	2,913,671	2,914,969	3,198,304	(529,369)	244,901	-	-	-	-	-	18,558,052
14 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%	72.703%
15 Intermediate Level Jurisdictional Capacity Costs	3,509,199	3,627,019	2,118,327	2,119,270	2,325,264	(384,867)	178,050	-	-	-	-	-	13,492,262
16 Peaking Production Level Capacity Costs													
17 Shady Hills	1,976,940	1,976,940	1,976,940	804,060	1,916,460	3,896,100	4,825,132	3,901,540	1,820,718	1,370,811	1,370,811	1,978,186	27,814,638
18 Vandolah (NSG)	3,033,279	2,968,686	2,017,074	1,998,157	2,873,617	5,948,748	3,950,401	5,649,696	2,702,911	1,990,514	2,036,254	2,865,669	38,035,006
19 Other	-	-	-	-	-	-	-	5,793	8,981	24,821	39,349	36,727	90,471
20 Subtotal - Peaking Level Capacity Costs	5,010,219	4,945,626	3,994,014	2,802,217	4,790,077	9,844,848	8,775,533	9,551,235	4,523,630	3,361,326	3,407,065	4,843,855	65,849,644
21 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%	95.924%
22 Peaking Level Jurisdictional Capacity Costs	4,806,003	4,744,042	3,831,218	2,687,999	4,594,833	9,443,572	8,417,842	9,161,927	4,339,247	3,224,318	3,268,193	4,646,419	63,165,613
23 Other Capacity Costs													
24 Retail Wheeling	-	(19,418)	(4,147)	(1,634)	-	-	-	5,793	8,981	24,821	39,349	36,727	90,471
25 Ridge Generating Station L.P. Termination ¹	670,785	667,189	656,848	657,880	654,349	650,819	647,288	643,758	640,228	636,697	633,167	629,636	7,788,644
26 State Corporate Income Tax Change ²	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(2,793,310)
27 CR1&2 NBV ³	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	80,592,431
28 Total Other Capacity Costs	7,154,045	7,131,031	7,135,961	7,139,506	7,137,609	7,134,079	7,130,548	7,132,811	7,132,469	7,144,779	7,155,776	7,149,624	85,678,237
29 Total Capacity Costs (line 9+15+22+28)	42,060,192	42,106,690	39,683,277	38,544,546	40,655,476	42,790,555	42,324,211	42,892,509	38,069,487	36,966,868	37,021,740	38,393,814	481,509,364
30 ISFSI Revenue Requirement³	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	6,879,837
31 Total Recoverable Capacity & ISFSI Costs (line 29+30)	42,633,512	42,680,009	40,256,596	39,117,865	41,228,796	43,363,875	42,897,531	43,465,829	38,642,807	37,540,187	37,595,060	38,967,133	488,389,201
32 Capacity Revenues													
33 Capacity Cost Recovery Revenues (net of tax)	35,903,840	34,543,316	35,777,609	36,135,702	39,269,964	45,215,250	46,088,175	48,407,053	47,602,322	44,377,097	36,846,812	34,874,816	485,041,956
34 Prior Period True-Up Provision Over/(Under) Recovery	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(463,084)
35 Current Period Revenues (net of tax)	35,865,250	34,504,726	35,739,018	36,097,112	39,231,373	45,176,659	46,049,585	48,368,462	47,563,732	44,338,507	36,808,222	34,836,226	484,578,871
36 True-Up Provision													
37 True-Up Provision - Over/(Under) Recov (Line 35-31)	(6,768,262)	(8,175,284)	(4,517,578)	(3,020,753)	(1,997,422)	1,812,785	3,152,054	4,902,633	8,920,925	6,798,319	(786,838)	(4,130,908)	(3,810,329)
38 Interest Provision for the Month	249	(425)	(883)	(1,181)	(862)	(865)	(886)	(247)	22	227	204	82	(4,567)
39 Current Cycle Balance - Over/(Under)	(6,768,012)	(14,943,722)	(19,462,182)	(22,484,117)	(24,482,400)	(22,670,480)	(19,519,312)	(14,616,927)	(5,695,981)	1,102,563	315,930	(3,814,896)	(3,814,896)
40 Prior Period Balance - Over/(Under) Recovered	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083
41 Prior Period Cumulative True-Up Collected/(Refunded)	38,590	77,181	115,771	154,361	192,952	231,542	270,133	308,723	347,313	385,904	424,494	463,084	463,084
42 Prior Period True-up Balance - Over/(Under)	6,108,673	6,147,264	6,185,854	6,224,445	6,263,035	6,301,625	6,340,216	6,378,806	6,417,396	6,455,987	6,494,577	6,533,167	6,533,167
43 Net Capacity True-up Over/(Under) (Line 39+42)	(\$659,339)	(\$8,796,458)	(\$13,276,329)	(\$16,259,673)	(\$18,219,367)	(\$16,368,857)	(\$13,179,100)	(\$8,238,121)	\$721,416	\$7,558,552	\$6,810,509	\$2,718,273	\$2,718,273

¹ Approved in Order No. PSC-2018-0532-PAA-EQ.

² Approved in Order No. PSC-2021-0024-FOF-EI.

³ As set forth in DEF's 2017 Settlement approved in Commission Order No. PSC-2017-0451-AS-EU.

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	146,830,015	111,023,612	35,806,403	32.3	3,029,903	2,942,579	87,324	3.0	4.8460	3.7730	1.0730	28.4
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	3,779,665	1,076,898	2,702,767	251.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	150,609,680	112,100,510	38,509,170	34.4	3,029,903	2,942,579	87,324	3.0	4.9708	3.8096	1.1612	30.5
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	5,188,901	55,385	5,133,516	9,268.8	60,319	140	60,179	42,985.0	8.6024	39.5607	(30.9583)	(78.3)
6 ENERGY COST OF SCH C.X ECONOMY PURCH - BROKER (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	1,088,119	377,939	710,180	187.9	21,173	8,432	12,741	151.1	5.1391	4.4822	0.6569	14.7
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	9,723,679	10,234,007	(510,327)	(5.0)	212,571	237,161	(24,590)	(10.4)	4.5743	4.3152	0.2591	6.0
9 TOTAL COST OF PURCHASED POWER	16,000,699	10,667,331	5,333,369	50.0	294,064	245,733	48,331	19.7	5.4412	4.3410	1.1002	25.3
10 TOTAL AVAILABLE MWH					3,323,967	3,188,312	135,655	4.3				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(2,267,017)	(582,137)	(1,684,880)	289.4	(87,843)	(16,991)	(70,852)	417.0	2.5808	3.4262	(0.8454)	(24.7)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(969,071)	(157,770)	(811,301)	514.2	(87,843)	(16,991)	(70,852)	417.0	1.1032	0.9286	0.1746	18.8
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	193,814	0	193,814	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(7,697,548)	(3,208,952)	(4,488,596)	139.9	(217,209)	(86,231)	(130,978)	151.9	3.5438	3.7213	(0.1775)	(4.8)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(10,739,821)	(3,948,859)	(6,790,963)	172.0	(305,052)	(103,222)	(201,830)	195.5	3.5207	3.8256	(0.3049)	(8.0)
14 NET INADVERTENT AND WHEELED INTERCHANGE					13,936	0	13,936					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	155,870,558	118,818,982	37,051,576	31.2	3,032,851	3,085,089	(52,239)	(1.7)	5.1394	3.8514	1.2880	33.4
16 NET UNBILLED	(28,984,244)	2,903,637	(31,887,881)	(1,098.2)	563,961	(75,392)	639,353	(848.0)	(0.9137)	0.1025	(1.0162)	(991.4)
17 COMPANY USE	744,705	579,884	164,821	28.4	(14,490)	(15,056)	566	(3.8)	0.0235	0.0205	0.0030	14.6
18 T & D LOSSES	21,071,509	6,273,841	14,797,668	235.9	(409,999)	(162,898)	(247,101)	151.7	0.6642	0.2216	0.4426	199.7
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	155,870,558	118,818,982	37,051,576	31.2	3,172,322	2,831,743	340,579	12.0	4.9135	4.1960	0.7175	17.1
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(31,174)	(47,528)	16,353	(34.4)	(567)	(1,255)	688	(54.8)	5.4987	3.7886	1.7101	45.1
21 JURISDICTIONAL KWH SALES	155,839,384	118,771,454	37,067,930	31.2	3,171,756	2,830,489	341,267	12.1	4.9133	4.1961	0.7172	17.1
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	155,883,019	118,804,710	37,078,309	31.2	3,171,756	2,830,489	341,267	12.1	4.9147	4.1973	0.7174	17.1
23 PRIOR PERIOD TRUE-UP	8,077,661	8,077,661	(0)	0.0	3,171,756	2,830,489	341,267	12.1	0.2547	0.2854	(0.0307)	(10.8)
24 TOTAL JURISDICTIONAL FUEL COST	163,960,680	126,882,371	37,078,308	29.2	3,171,756	2,830,489	341,267	12.1	5.1694	4.4827	0.6867	15.3
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									5.1731	4.4859	0.6872	15.3
27 GPIF	367,309	367,309			3,171,756	2,830,489			0.0116	0.0130	(0.0014)	(10.8)
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									5.185	4.499	0.686	15.2

*Line 15a. MWH Data for Informational Purposes Only

Note: Schedules A1/A2 have been updated from the versions filed on January 20, 2022 to reflect the True-Up WACC as prescribed in Order No. PSC-2020-0165-PAA-EU.

DUKE ENERGY FLORIDA, LLC
 FUEL AND PURCHASED POWER
 COST RECOVERY CLAUSE CALCULATION
 YEAR TO DATE - DECEMBER 2021

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	1,566,012,904	1,404,339,921	161,672,983	11.5	40,562,710	40,465,354	97,355	0.2	3.8607	3.4705	0.3902	11.2
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	9,820,056	15,303,717	(5,483,661)	(35.8)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	1,575,832,960	1,419,643,639	156,189,322	11.0	40,562,710	40,465,354	97,355	0.2	3.8849	3.5083	0.3766	10.7
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	110,045,633	75,611,032	34,434,601	45.5	1,635,009	1,209,413	425,597	35.2	6.7306	6.2519	0.4787	7.7
6 ENERGY COST OF SCH C.X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	34,300,202	18,592,667	15,707,535	84.5	638,193	374,636	263,558	70.4	5.3746	4.9629	0.4117	8.3
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	100,886,353	106,418,835	(5,532,483)	(5.2)	2,413,486	2,541,596	(128,110)	(5.0)	4.1801	4.1871	(0.0070)	(0.2)
9 TOTAL COST OF PURCHASED POWER	245,232,188	200,622,535	44,609,654	22.2	4,686,689	4,125,644	561,044	13.6	5.2325	4.8628	0.3697	7.6
10 TOTAL AVAILABLE MWH					45,249,398	44,590,999	658,400	1.5				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(10,417,360)	(5,750,637)	(4,666,723)	81.2	(400,762)	(231,178)	(169,584)	73.4	2.5994	2.4875	0.1119	4.5
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(2,855,389)	(1,351,382)	(1,504,007)	111.3	(400,762)	(231,178)	(169,584)	73.4	0.7125	0.5846	0.1279	21.9
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	228,227	0	228,227	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(99,951,656)	(78,113,524)	(21,838,132)	28.0	(3,073,252)	(2,623,343)	(449,909)	17.2	3.2523	2.9776	0.2747	9.2
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(112,996,178)	(85,215,543)	(27,780,636)	32.6	(3,474,014)	(2,854,520)	(619,494)	21.7	3.2526	2.9853	0.2673	9.0
14 NET INADVERTENT AND WHEELED INTERCHANGE					215,318	128,396	86,922					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	1,708,068,970	1,535,050,631	173,018,339	11.3	41,990,702	41,864,874	125,828	0.3	4.0677	3.6667	0.4010	10.9
16 NET UNBILLED	(41,676,247)	(6,433,472)	(35,242,775)	547.8	748,570	178,182	570,388	320.1	(0.1050)	(0.0163)	(0.0887)	544.2
17 COMPANY USE	6,503,505	5,960,634	542,871	9.1	(160,656)	(162,168)	1,513	(0.9)	0.0164	0.0151	0.0013	8.6
18 T & D LOSSES	118,584,121	87,015,406	31,568,715	36.3	(2,896,589)	(2,395,973)	(500,617)	20.9	0.2988	0.2204	0.0784	35.6
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,708,068,970	1,535,050,631	173,018,339	11.3	39,682,028	39,484,915	197,112	0.5	4.3044	3.8877	0.4167	10.7
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(9,996,200)	(7,165,703)	(2,830,497)	39.5	(228,418)	(173,423)	(54,995)	31.7	4.3763	4.1319	0.2444	5.9
21 JURISDICTIONAL KWH SALES	1,698,072,770	1,527,884,928	170,187,842	11.1	39,453,610	39,311,492	142,118	0.4	4.3040	3.8866	0.4174	10.7
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	1,698,551,069	1,528,315,574	170,235,495	11.1	39,453,610	39,311,492	142,118	0.4	4.3052	3.8877	0.4175	10.7
23 PRIOR PERIOD TRUE-UP	(21,579,586)	(21,579,582)	(4)	0.0	39,453,610	39,311,492	142,118	0.4	(0.0547)	(0.0549)	0.0002	(0.4)
24 TOTAL JURISDICTIONAL FUEL COST	1,676,971,483	1,506,735,992	170,235,491	11.3	39,453,610	39,311,492	142,118	0.4	4.2505	3.8328	0.4177	10.9
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.2536	3.8356	0.4180	10.9
27 GPIF	4,407,712	4,407,708			39,453,610	39,311,492			0.0112	0.0112	0.0000	100.0
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.265	3.847	0.418	10.9

*Line 15a. MWH Data for Infomational Purposes Only

Note: Schedules A1/A2 have been updated from the versions filed on January 20, 2022 to reflect the True-Up WACC as prescribed in Order No. PSC-2020-0165-PAA-EU.

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
A . FUEL COSTS AND NET POWER TRANSACTIONS								
1. FUEL COST OF SYSTEM NET GENERATION	\$146,830,015	111,023,612	\$35,806,403	32.3	\$1,566,012,904	\$1,404,339,921	\$161,672,983	11.5
1a. COAL CAR SALE	-	0	0	0.0	0	0	0	0.0
2. FUEL COST OF POWER SOLD	(2,267,017)	(582,137)	(1,684,880)	289.4	(10,417,360)	(5,750,637)	(4,666,723)	81.2
2a. GAIN ON POWER SALES	(775,257)	(157,770)	(617,487)	391.4	(2,627,162)	(1,351,382)	(1,275,780)	94.4
3. FUEL COST OF PURCHASED POWER	5,188,901	55,385	5,133,516	9,268.8	110,045,633	75,611,032	34,434,601	45.5
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	9,723,679	10,234,007	(510,327)	(5.0)	100,886,353	106,418,835	(5,532,483)	(5.2)
4. ENERGY COST OF ECONOMY PURCHASES	1,088,119	377,939	710,180	187.9	34,300,202	18,592,667	15,707,535	84.5
5. TOTAL FUEL & NET POWER TRANSACTIONS	159,788,441	120,951,036	38,837,405	32.1	1,798,200,570	1,597,860,438	200,340,133	12.5
6. ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(7,697,548)	(3,208,952)	(4,488,596)	139.9	(99,951,656)	(78,113,524)	(21,838,132)	28.0
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	3,779,665	1,076,898	2,702,767	251.0	9,820,056	15,303,717	(5,483,661)	(35.8)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7. ADJUSTED TOTAL FUEL & NET PWR TRNS	\$155,870,558	\$118,818,982	\$37,051,576	31.2	\$1,708,068,970	\$1,535,050,631	\$173,018,339	11.3

FOOTNOTE: DETAIL OF LINE 6b ABOVE

N/A - Not used	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N/A - Not used	0	0	0	0	0	0	0
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion)	20	0	20	6,110	0	6,110	0
WHOLESALE ALLOCATION ADJUSTMENT	0	0	0	0	0	0	0
TANK BOTTOM ADJUSTMENT	0	0	0	(991,828)	0	(991,828)	0
AERIAL SURVEY ADJUSTMENT (Coal Pile)	2,723,275	0	2,723,275	4,659,470	0	4,659,470	0
FPD AGREEMENT TERMINATION	1,056,369	0	1,056,369	13,199,402	0	13,199,402	0
RAIL CAR SALE PROCEEDS	0	0	0	0	0	0	0
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0	0	0	0	0
NET METER SETTLEMENT	0	0	0	161,397	0	161,397	0
CR4 OUTAGE REPLACEMENT POWER **	0	0	0	(7,214,495)	0	(7,214,495)	0
Derivative Collateral Interest	0	0	0	0	0	0	0
SUBTOTAL LINE 6b SHOWN ABOVE	\$3,779,665	\$0	\$3,779,665	\$9,820,056	\$0	\$9,820,056	

** Represents \$7,207,280.38 retail as approved at 12/7/2021 Commission agenda grossed up by 99.90% November jurisdictional factor.

B. KWH SALES								
1. JURISDICTIONAL SALES	3,171,755,628	2,830,488,729	341,266,899	12.1	39,453,609,202	39,311,492,069	142,117,132	0.4
2. NON JURISDICTIONAL (WHOLESALE) SALES	566,941	1,254,500	(687,559)	(54.8)	228,417,639	173,423,126	54,994,513	31.7
3. TOTAL SALES	3,172,322,569	2,831,743,229	340,579,340	12.0	39,682,026,841	39,484,915,195	197,111,645	0.5
4. JURISDICTIONAL SALES % OF TOTAL SALES	99.98	99.96	0.02	0.0	99.42	99.56	(0.14)	(0.1)

Note: Schedules A1/A2 have been updated from the versions filed on January 20, 2022 to reflect the True-Up WACC as prescribed in Order No. PSC-2020-0165-PAE-EU.

DUKE ENERGY FLORIDA, LLC
 CALCULATION OF TRUE-UP AND INTEREST PROVISION
 DECEMBER 2021

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$108,553,472	\$99,396,843	\$9,156,629	9.2	\$1,268,966,170	\$1,264,386,654	\$4,579,516	0.4
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(8,077,661)	(8,077,661)	0	0.0	21,579,586	21,579,582	4	0.0
2b. INCENTIVE PROVISION	(367,309)	(367,309)	(0)	0.0	(4,407,712)	(4,407,708)	(4)	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	100,108,502	90,951,873	9,156,629	10.1	1,286,138,044	1,281,558,528	4,579,516	0.4
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	155,870,558	118,818,982	37,051,576	31.2	1,708,068,970	1,535,050,631	173,018,339	11.3
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.98	99.96	0.02	0.0	99.42	99.56	(0.14)	(0.1)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00028 LOSS MULTIPLIER)	155,883,019	118,804,710	37,078,309	31.2	1,698,551,069	1,528,315,574	170,235,495	11.1
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(55,774,517)	(27,852,837)	(27,921,680)	100.3	(412,413,026)	(246,757,047)	(165,655,979)	67.1
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(31,092)	(14,214)	(16,878)	118.7	(111,128)	(80,529)	(30,599)	38.0
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(364,796,204)	(227,048,182)	(137,748,023)	60.7	21,579,587	21,579,587	0	0.0
10. TRUE UP COLLECTED (REFUNDED)	8,077,661	8,077,661	(0)	0.0	(21,579,586)	(21,579,582)	(4)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(412,524,152)	(246,837,571)	(165,686,581)	67.1	(412,524,152)	(246,837,571)	(165,686,581)	67.1
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$412,524,152)	(246,837,571)	(165,686,581)	67.1	(\$412,524,152)	(246,837,571)	(165,686,581)	67.1

D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$364,796,204)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(412,493,061)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(777,289,265)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(388,644,633)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.110	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.080	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.190	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.095	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.008	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$31,092)	N/A	--	--				

Note: Schedules A1/A2 have been updated from the versions filed on January 20, 2022 to reflect the True-Up WACC as prescribed in Order No. PSC-2020-0165-PAE-EU.

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Docket No. 20220001-EI
 Witness: Dean
 Amended Exhibit No. (GPD-3T)
 Schedule: A3-1
 Sheet 5 of 9

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	22,218,993	22,392,143	(173,149)	(0.8 %)
3 - COAL	163,564,338	168,997,010	(5,432,672)	(3.2 %)
4 - GAS	1,380,229,573	1,367,528,537	12,701,035	0.9 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	1,566,012,904	1,558,917,690	7,095,214	0.5 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	61,413	64,317	(2,904)	(4.5 %)
11 - COAL	5,042,303	5,164,783	(122,480)	(2.4 %)
12 - GAS	34,517,463	34,276,345	241,118	0.7 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	941,532	959,919	(18,387)	(1.9 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	40,562,710	40,465,364	97,347	0.2 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	191,038	192,683	(1,645)	(0.9 %)
19 - COAL (TON)	2,389,754	2,444,014	(54,260)	(2.2 %)
20 - GAS (MCF)	255,328,667	252,875,368	2,453,299	1.0 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	1,096,030	1,106,276	(10,245)	(0.9 %)
26 - COAL	53,903,967	55,139,309	(1,235,341)	(2.2 %)
27 - GAS	261,612,956	258,697,319	2,915,636	1.1 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	316,612,953	314,942,903	1,670,050	0.5 %

Note: Schedule A3 has been updated from the version filed on January 20, 2022 to reflect DEF's Midcourse filing approved in Order No. PSC-2022-0061-PCO-EI

A-3 Generating System Comparative Data Report

Docket No. 20220001-EI
 Witness: Dean
 Amended Exhibit No. (GPD-3T)
 Schedule: A3-1
 Sheet 6 of 9

Duke Energy Florida, LLC

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.0	0.0	0.0 %
33 - LIGHT OIL	0.2	0.2	(0.0)	(4.8 %)
34 - COAL	12.4	12.8	(0.3)	(2.6 %)
35 - GAS	85.1	84.7	0.4	0.5 %
36 - NUCLEAR	0.0	0.0	0.0	0.0 %
37 - SOLAR	2.3	2.4	(0.1)	(2.1 %)
38	0	0	0	0.0 %
39 - TOTAL (% MWH)	100	100	0.0	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	116.31	116.21	0.09	0.1 %
42 - COAL (\$/TON)	68.44	69.15	(0.70)	(1.0 %)
43 - GAS (\$/MCF)	5.41	5.41	(0.00)	(0.0 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	20.27	20.24	0.03	0.2 %
49 - COAL	3.03	3.07	(0.03)	(1.0 %)
50 - GAS	5.28	5.29	(0.01)	(0.2 %)
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	4.95	4.95	(0.00)	(0.1 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	17,847	17,200	647	3.8 %
57 - COAL	10,690	10,676	14	0.1 %
58 - GAS	7,579	7,547	32	0.4 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,806	7,783	22	0.3 %

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A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Docket No. 20220001-EI
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 Sheet 7 of 9

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	36.18	34.82	1.36	3.9 %
65 - COAL	3.24	3.27	(0.03)	(0.9 %)
66 - GAS	4.00	3.99	0.01	0.2 %
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	3.86	3.85	0.01	0.2 %

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(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
ESTIMATED		9,467		9,467	4.340	5.480	410,860	518,820	107,960
ACTUAL									
Exelon Generation Company, LLC	InternationalSwapsDe	13,480		13,480	2.741	3.811	369,465.81	513,718.56	144,252.75
Florida Municipal Power Agency	CR-1	3,275		3,275	2.757	3.851	90,285.50	126,136.00	35,850.50
Macquarie Energy LLC		11,446		11,446	2.627	3.758	300,690.27	430,093.00	129,402.73
Orlando Utilities Commission	Schedule OS	600		600	3.798	5.032	22,786.78	30,192.30	7,405.52
PJM Settlements, Inc	MR1	8,959		8,959	2.487	3.528	222,783.98	316,047.71	93,263.73
Rainbow Energy Marketing Corporation		696		696	2.753	4.475	19,162.88	31,145.32	11,982.44
Reedy Creek Improvement District	CR-1	8,995		8,995	2.227	2.889	200,315.05	259,840.30	59,525.25
Southern Company Services, Inc.	EEl	15,342		15,342	2.993	4.793	459,121.97	735,316.65	276,194.68
The Energy Authority	Schedule OS	25,050		25,050	2.325	3.138	582,405.00	786,024.00	203,619.00
Adjustments									
Macquarie Energy LLC								15.64	15.64
Tennessee Valley Authority								1,900.16	1,900.16
PJM Settlements								6,167.66	6,167.66
Macquarie Energy LLC								(509.42)	(509.42)
Subtotal - Gain on Other Power Sales		87,843		87,843	2.581	3.684	2,267,017.24	3,236,087.88	969,070.64
CURRENT MONTH TOTAL		87,843		87,843	2.581	3.684	2,267,017.24	3,236,087.88	969,070.64
DIFFERENCE		78,376		78,376	(1.759)	(1.797)	1,856,157	2,717,268	861,111
DIFFERENCE %		827.92		827.92	(40.54)	(32.78)	451.77	523.74	797.62
CUMULATIVE ACTUAL		400,762		400,762	2.599	3.312	10,417,360.08	13,272,749.00	2,855,388.92
CUMULATIVE ESTIMATED		322,386		322,386	2.656	3.274	8,561,203	10,555,481	1,994,278
DIFFERENCE		78,376		78,376	(0.056)	0.038	1,856,157	2,717,268	861,111
DIFFERENCE %		24.31		24.31	(2.12)	1.15	21.68	25.74	43.18

Note: Schedule A6 has been updated from the version filed on January 20, 2022 to reflect DEF's Midcourse filing approved in Order No. PSC-2022-0061-PCO-EI

Counterparty	Type	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	6,181,528	6,196,226	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,094,746	74,172,395
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	74,711,198
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	27,412,320
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	65,253,240
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	101,978,675
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Southern purchase - Franklin	PPA	425	6/1/16 - 5/31/21	4,832,347	4,988,816	2,913,671	2,914,969	3,198,304	(755,104)	0	0	0	0	0	79,292	18,172,295
8 Retail Wheeling				0	(19,418)	(4,147)	(1,634)	0	0	0	0	0	0	(175,299)	(307,940)	(508,438)
9 CR1&2 NBV				6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	80,592,431
10 ISFSI Return				573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	6,879,837
11 Vandolah Capacity Purchase	PPA	669	June 2012 - May 2027	3,033,279	2,968,686	2,017,074	1,998,157	2,873,617	5,948,748	3,950,401	5,847,436	2,792,890	1,973,594	2,072,642	3,028,955	38,505,479
12 Capacity Sales and Purchases	Other		on-going no term date	(5,587)	0	0	0	0	225,736	244,901	0	0	0	72,800	(21,852)	515,997
13 Shady Hills Tolling	PPA	517	4/1/07-4/30/24	1,976,940	1,976,940	1,976,940	804,060	1,916,460	3,896,100	4,825,132	2,675,452	597,532	799,264	940,024	1,779,955	24,164,799
14 RidgeGen Agreement Termination				670,785	667,189	656,848	657,880	654,349	650,819	647,288	643,758	640,228	636,697	633,167	625,726	7,784,734
15 Hamilton SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0
16 Columbia SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0
17 Lake Placid SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0
18 Trenton SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0
19 Debary SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0
20 State Corporate Income Tax Change				(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(2,793,312)
TOTAL				46,192,158	46,281,305	43,252,129	42,065,174	44,334,473	45,658,041	45,359,465	44,858,388	39,722,392	39,101,298	39,235,077	40,781,749	516,841,648

Note: Schedule A12 has been updated from the version filed on January 20, 2022 to reflect the True-Up WACC as prescribed in Order No. PSC-2020-0165-PAA-EU.

Duke Energy Florida, LLC
 Fuel and Purchased Power Cost Recovery Clause
 Capital Structure and Cost Rates Applied to Capital Projects
 Actual Capital Structure and Cost Rates

	(1)	(2)	(3)	(4)	(5)	(6)
	Jurisdictional Rate Base	Cap Ratio	Cost Rate	Weighted Cost	Revenue Requirement Rate	Monthly Revenue Requirement Rate
	Adjusted Retail (\$000s)					
1 Common Equity	\$ 6,688,612	43.79%	10.50%	4.60%	6.04%	0.5033%
2 Long Term Debt	5,674,817	37.16%	4.31%	1.60%	1.60%	0.1333%
3 Short Term Debt	260,772	1.71%	0.16%	0.00%	0.00%	0.0000%
4 Cust Dep Active	178,995	1.17%	2.65%	0.03%	0.03%	0.0025%
5 Cust Dep Inactive	1,625	0.01%		0.00%	0.00%	0.0000%
6 Invest Tax Cr	165,584	1.08%	7.66%	0.08%	0.10%	0.0083%
7 Deferred Inc Tax	2,302,312	15.07%		0.00%	0.00%	0.0000%
8 Total \$	15,272,718	100.00%		6.31%	7.77%	0.6475%

	ITC split between Debt and Equity**:	Ratio	Cost Rate	Ratio	Ratio	Deferred Inc Tax	Weighted ITC	After Gross-up	
9	Common Equity	6,688,612	54%	10.5%	5.68%	74.2%	0.08%	0.0593%	0.078%
10	Preferred Equity	-	0%				0.08%	0.0000%	0.000%
11	Long Term Debt	5,674,817	46%	4.31%	1.98%	25.8%	0.08%	0.0207%	0.021%
12		12,363,429	100%		7.66%			0.0800%	0.099%

Breakdown of Revenue Requirement Rate of Return between Debt and Equity:

13	Total Equity Component (Lines 1 and 9)	6.118%
14	Total Debt Component (Lines 2, 3, 4, and 11)	1.651%
15	Total Revenue Requirement Rate of Return	7.769%

Effective Tax Rate: 23.793%

Column:

- (1) Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology
- (2) Column (1) / Total Column (1)
- (3) Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology
Line 6 and Line 12, the cost rate of ITC's is determined under Treasury Regulation section 1.46-6(b)(3)(ii).
- (4) Column (2) x Column (3)
- (5) For equity components: Column (4) / (1-effective income tax rate/100)
- * For debt components: Column (4)
- ** Line 6 is the pre-tax ITC components from Lines 9 and 11
- (6) Column (5) / 12