



Gulf Power®

July 26, 2019

Mr. Adam Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Environmental Cost Recovery Clause
Docket No. 20190007-EI

Dear Mr. Teitzman:

Attached is Gulf Power Company's 2019 Estimated Actual Testimony and Exhibit to be filed in the above-referenced docket. The testimonies consist of the following:

1. Prepared direct testimony of Richard M. Markey.
2. Prepared direct testimony and exhibit of C. Shane Boyett.

Pursuant to the Order Establishing Procedure in this docket, electronic copies of Exhibit CSB-2 will be provided to the parties under separate cover.

Sincerely,

A handwritten signature in blue ink that reads "C. Shane Boyett".

C. Shane Boyett
Regulatory, Forecasting and Pricing Manager

md

Attachments

cc: Florida Public Service Commission
Charles Murphy, Sr Attorney, Office of the General Counsel (5 copies)
Gulf Power Company
Russell Badders, Esq., VP & Associate General Counsel
Beggs & Lane

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

ENVIRONMENTAL COST RECOVERY CLAUSE

DOCKET NO. 20190007-EI

**PREPARED DIRECT TESTIMONY OF
Richard M. Markey**

**ESTIMATED/ACTUAL TRUE-UP FILING
FOR THE PERIOD**

JANUARY 2019 - DECEMBER 2019

July 26, 2019



1

GULF POWER COMPANY

2

Before the Florida Public Service Commission
Prepared Direct Testimony of
Richard M. Markey
Docket No. 20190007-EI
Date of Filing: July 26, 2019

3

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- 5
- 6 Q. Please state your name and business address.
7 A. My name is Richard M. Markey, and my business address is One Energy
8 Place, Pensacola, Florida, 32520.

9

- 10 Q. Have you previously filed testimony in this docket?
11 A. Yes, I have.

12

- 13 Q. Mr. Markey, what is the purpose of your testimony?
14 A. The purpose of my testimony is to support Gulf Power Company's
15 Environmental Cost Recovery Clause (ECRC) estimated true-up for the
16 period January through December 2019. This true-up is based on five
17 months of actual data and seven months of estimated data.

18

- 19 Q. Mr. Markey, please compare Gulf's recoverable environmental capital
20 costs included in the estimated true-up calculation for the period January
21 2019 through December 2019 with the approved projected amounts.
22 A. As reflected in Mr. Boyett's Schedule 6E, the recoverable capital costs
23 approved in the original projection total \$155,857,972, as compared to the
24 estimated true-up amount of \$155,146,676. This difference results in a

25

1 variance of \$(711,296) or (0.5%). I will address three projects that
2 contribute to this variance.

3

4 Q. Please explain the capital variance of (\$216,598) or (8.5%) reflected in the
5 Smith Water Conservation Program (Line Item 1.17).

6 A. The variance is primarily due to postponing construction of the Plant Smith
7 Underground Injection Control (UIC) wastewater treatment system and
8 associated pump station from the Spring of 2019 to Fall 2019 due to
9 additional time required for final design and permitting. The new treatment
10 system and permanent pump station are required for Plant Smith to begin
11 using reclaimed water for the Unit 3 cooling tower water supply. Gulf has
12 completed installation of three deep injection wells, piping, and initial
13 equipment needed for the reclaimed water pump station and for current
14 wastewater discharges. The reclaimed water project is anticipated to be a
15 catalyst for other wastewater utilities in the area to promote the re-use of
16 reclaimed water.

17

18 Q. Please explain the capital variance of \$234,674 or 41.9% reflected in the
19 Plant NPDES Permit Compliance Projects (Line Item 1.25).

20 A. This line item variance is primarily due to increased project cost and
21 construction delays associated with the Plant Smith discharge canal
22 project. During 2018, Plant Smith planned to replace its second discharge
23 canal crossover; however, project completion was delayed to 2019 due to
24 Hurricane Michael and design modifications. Design modifications were
25 required to address dewatering as well as installation of a bypass for

1 discharge canal flow around the work area. The second discharge canal
2 crossover is utilized for safe access obtaining main plant discharge
3 samples as required by the Plant Smith NPDES industrial wastewater
4 permit.

5

6 Q. Please explain the capital variance of (\$707,750) or (15.2%) reflected in
7 the Coal Combustion Residual (CCR) (Line Item 1.28).

8 A. The CCR line item variance is primarily due to delays associated with the
9 Plant Daniel CCR projects and the Plant Scholz ash pond closure project.
10 During 2018, Gulf expected final design and construction of the Plant
11 Daniel bottom ash handling and wastewater treatment systems to be
12 completed in the 2019 timeframe; however, construction has been
13 delayed to 2020 due to timing of vendor selection and equipment
14 fabrication. In addition, completion of the Plant Scholz pond closure
15 project has been delayed due to Hurricane Michael related rainfall and
16 cleanup work necessary due to the extreme rainfall event.

17

18 Q. How do the estimated/actual 2019 O&M expenses compare to the original
19 2019 projections?

20 A. Mr. Boyett's Schedule 4E reflects that Gulf's recoverable environmental
21 O&M expenses for the current period are estimated at \$30,651,813, as
22 compared to the amount projected in the 2019 Projection filing of
23 \$33,564,237, which creates a variance of (\$2,912,424) or (8.7%). I will
24 address five O&M projects and programs that contribute to a significant
25 portion of this variance: Air Emission Fees, Groundwater Contamination

1 Investigation, FDEP NOx Reduction Agreement, Air Quality Compliance
2 Program, and Coal Combustion Residuals.

3

4 Q. Please explain the O&M variance of (\$89,076) or (29.2%) in Air Emission
5 Fees (Line Item 1.2).

6 A. The Air Emission Fees line item represents expenses projected for annual
7 fees required by the Clean Air Act Amendments (CAAA) of 1990 that are
8 payable to the FDEP and Mississippi Department of Environmental
9 Quality. The fees are based on annual tons of emissions regulated under
10 the Title V Air Program. The 2019 variance is primarily due to Plant Crist
11 and Plant Daniel fees being less than projected due to the units running
12 less than originally estimated.

13

14 Q. Please explain the O&M variance of (\$554,487) or (19.6%) in
15 Groundwater Contamination Investigation (Line Item 1.7).

16 A. The line item variance is due to lower O&M expenses for the Fort Walton
17 Remediation groundwater remediation system due to installation of a new
18 remediation system, the FDEP revising the schedule for several projects,
19 and reducing cost of outsourcing remediation report preparation and
20 performing more work in-house.

21

22 Q. Please explain the O&M variance of (\$516,082) or (50.5%) in FDEP NOx
23 Reduction Agreement (Line Item 1.19).

24 A. The FDEP NOx Reduction Agreement line item includes costs associated
25 with the Plant Crist Unit 7 Selective Catalytic Reduction (SCR) and the

1 Plant Crist Units 4 and 5 Selective Non-Catalytic Reduction (SNCR)
2 projects that were included as part of the 2002 agreement with FDEP for
3 ozone attainment. The line item variance is primarily due to the quantity of
4 anhydrous ammonia and urea required being less than originally projected
5 as well as reduced maintenance expenses for the Crist Unit 7 SCR and
6 the SNCRs. Gulf is not operating the SNCRs as much as originally
7 projected due to a reduction in coal-fired operations for Units 4 and 5.

8

9 Q. Please explain the O&M variance of (\$2,668,356) or (12.2%) in the Air
10 Quality Compliance Program (Line Item 1.20).

11 A. The Air Quality Compliance Program currently includes O&M expenses
12 associated with the Plant Crist scrubber, the Crist Unit 6 SCR and the
13 Plant Daniel scrubbers, as well as Plant Scherer's baghouse, MATS
14 emissions monitoring equipment, SCR, and scrubber. More specifically,
15 this line item includes the cost of limestone and ammonia, along with
16 general operation and maintenance activities included in Gulf's Air Quality
17 Compliance Program. The projected line item variance is primarily due to
18 a reduction in the projected chemical and maintenance expenses
19 associated with the Plant Crist scrubber. Long-term maintenance
20 activities for the Plant Crist scrubber have been reduced due to plans to
21 increase gas capabilities for Crist Units 6 and 7. In addition, the quantity
22 of limestone, hydrated lime, and anhydrous ammonia required for Plant
23 Crist are less than originally projected due to reduced generation.

24

25

- 1 Q. Please explain the variance of \$974,628 or 30.2% in Coal Combustion
2 Residual (Line Item 1.23).
- 3 A. The Coal Combustion Residual (CCR) line item includes O&M expenses
4 related to the regulation of Coal Combustion Residuals by the United
5 States Environmental Protection Agency (EPA) and the FDEP. For Gulf's
6 generating plants, these regulatory compliance obligations are pursuant
7 either to the CCR rule or to permit requirements added by the State
8 through the National Pollutant Discharge Elimination System (NPDES)
9 permits issued for each of Gulf's generating facilities. The majority of the
10 line item variance is due to costs associated with the Plant Crist and Smith
11 CCR compliance programs being greater than originally projected.
12 Additional groundwater monitoring wells and site investigation activities
13 were required for Gulf's assessment of corrective measures for CCR
14 compliance at Plants Crist and Smith.
- 15
- 16 Q. Does this conclude your testimony?
- 17 A. Yes.
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AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 20190007-EI

Before me, the undersigned authority, personally appeared Richard M. Markey, who being first duly sworn, deposes and says that he is the Environmental Services Director of Gulf Power Company, a Florida corporation, that the foregoing is true and correct to the best of his knowledge and belief. He is personally known to me.

Richard M. Markey

Richard M. Markey
Environmental Services Director

Sworn to and subscribed before me this 26th day of July, 2019.

Melissa Darnes
Notary Public, State of Florida at Large



MELISSA DARNES
MY COMMISSION # FF 912698
EXPIRES: December 17, 2019
Bonded Thru Budget Notary Services

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

ENVIRONMENTAL COST RECOVERY CLAUSE

DOCKET NO. 20190007-EI

**PREPARED DIRECT TESTIMONY
AND EXHIBIT OF
C. SHANE BOYETT**

**ESTIMATED/ACTUAL TRUE-UP FILING
FOR THE PERIOD**

JANUARY 2019 - DECEMBER 2019

July 26, 2019



1

GULF POWER COMPANY

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Before the Florida Public Service Commission
Prepared Direct Testimony of
C. Shane Boyett
Docket No. 20190007-EI
Date of Filing: July 26, 2019

3

4

5 Q. Please state your name, business address and occupation.

6 A. My name is Shane Boyett. My business address is One Energy Place,
7 Pensacola, Florida 32520. I am the Regulatory, Forecasting and Planning
8 Manager for Gulf Power Company. (Gulf or the Company)

9

10 Q. Have you previously filed testimony in this docket?

11 A. Yes I have.

12

13 Q. What is the purpose of your testimony?

14 A. The purpose of my testimony is to present the estimated true-up amount for
15 the period January 2019 through December 2019 for the Environmental Cost
16 Recovery Clause (ECRC).

17

18 Q. Have you prepared any exhibits that contain information to which you will
19 refer in your testimony?

20 A. Yes, I am sponsoring one exhibit. My exhibit consists of ten schedules, nine
21 of which are environmental cost recovery estimated true-up schedules and
22 one of which contains the Scherer/Flint credit calculation, as described later
23 in my testimony. This exhibit was prepared under my direction, supervision,
24 or review.

25

1 Counsel: We ask that Mr. Boyett's
2 exhibit consisting of ten schedules be
3 marked as Exhibit No. _____(CSB-2).

4

5 Q. Have you verified that, to the best of your knowledge and belief, the
6 information contained in these documents is correct?

7 A. Yes, I have. The actual data in these documents is taken from the books
8 and records of Gulf Power Company. The books and records are kept in the
9 regular course of business in accordance with generally accepted accounting
10 principles and practices, and provisions of the Uniform System of Accounts
11 as prescribed by the Florida Public Service Commission (FPSC).

12

13 Q. What has Gulf calculated as the estimated true-up for the January 2019
14 through December 2019 period to be addressed in 2020 ECRC factors?

15 A. The estimated true-up for the current period is an over-recovery of
16 \$4,640,870 as shown on Schedule 1E of Exhibit CSB-2. This amount is
17 based on five months of actual data and seven months of estimated data.
18 The estimated true-up amount will be added to the 2018 final true-up over-
19 recovery amount of \$1,896,136. The resulting total true-up over-recovery of
20 \$6,537,006 will be addressed in Gulf's proposed 2020 ECRC factors. The
21 detailed calculations supporting the estimated true-up for 2019 are contained
22 in Schedules 2E through 10E of Exhibit CSB-2.

23

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- 1 Q. Please describe Schedules 2E and 3E of your Exhibit CSB-2.
- 2 A. Schedule 2E shows the calculation of the estimated over-recovery of
3 environmental costs for the period January 2019 through December 2019.
4 Schedule 3E of this exhibit is the calculation of the interest provision on the
5 average true-up balance. This same method of calculating interest is used in
6 the Fuel Cost Recovery and Purchased Power Capacity Cost Recovery
7 clauses.
- 8
- 9 Q. Please describe Schedules 4E and 5E of your Exhibit CSB-2.
- 10 A. Schedule 4E compares the estimated/actual O&M expenses for the period
11 January 2019 through December 2019 to the projected O&M expenses
12 approved by the Commission in Docket No. 20180007-EI. Schedule 5E shows
13 the monthly O&M expenses by activity, along with the calculation of
14 jurisdictional O&M expenses for the current recovery period. Emission
15 allowance expenses and the amortization of gains on emission allowances are
16 included with O&M expenses. Gulf Witness Markey describes the reasons for
17 the expected variances in O&M expenses in his estimated/actual testimony.
- 18
- 19 Q. Please describe Schedules 6E and 7E of your Exhibit CSB-2.
- 20 A. Schedule 6E for the period January 2019 through December 2019 compares
21 the estimated/actual investment-related recoverable costs to the projected
22 amount approved in Docket No. 20180007-EI. The recoverable costs
23 include the return on investment, depreciation and amortization expense,
24 dismantlement accrual, and property taxes associated with each
25 environmental capital project for the current recovery period. Recoverable

1 costs also include a return on working capital associated with emission
2 allowances and a return on the unamortized balance of the regulatory asset
3 associated with the retirement of Smith Units 1 and 2 established by
4 Commission Order No. PSC-16-0361-PAA-EI in Docket No. 160039-EI,
5 dated August 29, 2016. Mr. Markey discusses variances in recoverable
6 capital costs related to environmental project activities in his estimated/actual
7 testimony. Schedule 7E provides the monthly recoverable revenue
8 requirements associated with each project, along with the calculation of the
9 jurisdictional recoverable revenue requirements.

10

11 Q. Please describe Schedule 8E of your Exhibit CSB-2.

12 A. Schedule 8E includes 35 pages that provide the monthly calculations of
13 recoverable costs associated with each capital project for the current
14 recovery period. As stated earlier, these costs include return on investment,
15 depreciation and amortization expense, dismantlement accrual, property
16 taxes, return on working capital associated with emission allowances and
17 return on unamortized balance of the Smith 1 and 2 regulatory asset. Pages
18 1 through 30 of Schedule 8E show the investment and associated costs
19 related to capital projects, while pages 31 through 34 show the inventory and
20 associated costs related to emission allowances, and page 35 shows the
21 costs related to the regulatory asset for retired Plant Smith Units 1 and 2.

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- 1 Q. What capital structure and cost rates were used to develop the rate of return,
2 applied to calculate revenue requirements, as shown on Schedule 9E of
3 Exhibit CSB-2?
- 4 A. The capital structure and cost rates used for cost recovery clause purposes
5 for the period January 2019 through June 2019 is based on Gulf's May 2018
6 Earnings Surveillance Report. The period July 2019 through December
7 2019 is based on the capital structure and cost rates in the May 2019
8 Earnings Surveillance Report. The capital structure for both periods has
9 been adjusted to achieve a 53.5 percent equity ratio per the terms of the
10 2018 Tax Reform Stipulation and Settlement Agreement, approved by
11 Commission Order No. PSC-2018-0180-FOF-EI in Docket No. 20180039-EI.
12 The weighted average cost of capital (WACC) for both periods includes a
13 10.25 percent return on equity. The resulting revenue requirement rate of
14 return as presented on Schedule 9E is consistent with Commission Order
15 No. PSC-12-0425-PAA-EU dated August 16, 2012, in Docket No. 120007-EI.
- 16
- 17 Q. Please describe Schedule 10E of your exhibit.
- 18 A. Schedule 10E provides the monthly calculation of the total ECRC revenue
19 requirements of Gulf's ownership in Plant Scherer Unit 3 (Scherer 3) and
20 quantifies the incremental portion of Scherer 3 environmental revenue
21 requirements that continues to be committed to a wholesale customer
22 through a long-term contract (Scherer/Flint credit), which will expire
23 December 2019. In accordance with the provisions of the Stipulation and
24 Settlement Agreement approved by the Commission in Order No. PSC-
25 2017-0178-S-EI in consolidated Docket Nos. 20160186-EI and 2016170-EI

1 dated May 16, 2017, Gulf is including the Scherer/Flint credit as an offset to
2 recoverable O&M and capital investment costs until Scherer 3 is no longer
3 partially committed to the wholesale customer. The Scherer/Flint credits
4 appear on Lines 1.29 and 1.30 of Schedules 4E and 5E, as well as on Lines
5 1.36 and 1.37 of Schedules 6E and 7E, of my Exhibit CSB-2. The inclusion
6 of the Scherer/Flint credit, as calculated, results in ECRC being revenue-
7 neutral regarding the incremental portion of Scherer 3 investment and
8 expenses.

9

10 Q. Mr. Boyett, does this conclude your testimony?

11 A. Yes.

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AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 20190007-EI

Before me, the undersigned authority, personally appeared C. Shane Boyett, who being first duly sworn, deposes and says that he is the Regulatory, Forecasting and Pricing Manager of Gulf Power Company, a Florida corporation, that the foregoing is true and correct to the best of his knowledge and belief. He is personally known to me.

C. Shane Boyett
C. Shane Boyett
Regulatory, Forecasting and Pricing Manager

Sworn to and subscribed before me this 36th day of July, 2019.

Melissa Darnes
Notary Public, State of Florida at Large



MELISSA DARNES
MY COMMISSION # FF 912698
EXPIRES: December 17, 2019
Bonded Thru Budget Notary Services

Schedule 1E

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)

Calculation of the Current Period Estimated True-Up Amount

January 2019 - December 2019

<u>Line No.</u>		<u>Period Amount (\$)</u>
1	Over/(Under) Recovery for the Current Period (Schedule 2E, Line 5 + 9)	4,426,632
2	Interest Provision (Schedule 2E, Line 6)	<u>214,239</u>
3	Current Period True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2020 - December 2020 (Lines 1 + 2)	<u>4,640,870</u>

Schedule 2E

Gulf Power Company
 Environmental Cost Recovery Clause (ECRC)

January 2019 - December 2019

Calculation of the Current Period Estimated True-Up Amount
Current Period True-Up Amount
 (in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected December	Projected December	End of Period Amount
1	ECRC Revenues (Net of Revenue Taxes)	13,657,836	10,523,250	11,590,808	11,609,091	15,888,312	17,551,003	18,832,691	16,000,871	13,522,217	11,651,587	13,173,398	172,464,676		
2	True-Up Provision (Order No. PSC-2018-0594-FOF-El)	1,051,379	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	12,616,603		
3	ECRC Revenues Applicable to Period (Lines 1 + 2)	14,709,215	11,374,634	12,642,192	12,660,475	16,939,696	18,602,387	19,884,075	19,714,994	17,052,255	14,573,601	12,702,971	14,224,782	183,081,279	
4	Jurisdictional ECRC Costs														
a	O & M Activities (Schedule 5E, Line 9)	3,049,120	1,766,665	2,466,911	1,741,240	2,502,734	2,154,447	2,648,882	2,670,548	2,890,913	2,729,407	2,483,090	2,741,300	29,845,258	
b	Capital Investment Programs (Schedule 7E, Line 9)	12,457,436	12,459,241	12,496,274	12,531,591	12,530,598	12,533,640	12,601,507	12,616,132	12,629,298	12,641,862	12,649,390	12,662,420	150,809,389	
c	Total Jurisdictional ECRC Costs	15,506,556	14,225,906	14,963,185	14,272,831	15,033,332	14,688,088	15,250,390	15,286,681	15,520,211	15,371,269	15,132,480	15,403,720	180,654,647	
5	Over/(Under) Recovery (Line 3 - Line 4c)	(79,341)	(2,851,271)	(3,320,992)	(1,612,356)	1,906,364	3,914,299	4,633,686	4,428,313	1,532,044	(797,668)	(2,429,508)	(1,178,938)	4,426,632	
6	Interest Provision (Schedule 3E, Line 10)	27,353	21,566	14,519	8,431	6,475	9,992	16,088	22,845	26,617	25,346	20,244	14,763	214,239	
7	Beginning Balance True-Up & Interest Provision														
a	Actual Total for True-Up Period 2018	11,333,073	9,511,706	5,630,617	2,272,760	(382,550)	478,905	3,351,812	6,950,202	10,349,976	10,857,253	9,033,547	5,572,899	11,333,073	
b	Final True-Up from January 2017 - December 2017 (Order No. PSC-2018-0594-FOF-El)	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	
8	True-Up Collected/(Refunded) (see Line 2)	(1,051,379)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(12,616,603)
9	Adjustments													0.00	
10	End of Period Total True-Up (Lines 5 + 6 + 7a + 7b + 8 + 9)	12,691,372	8,810,283	5,452,426	2,797,116	3,658,571	6,531,478	10,129,868	13,529,642	14,036,919	12,213,213	8,752,565	6,537,006	6,537,006	

Schedule 3E

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)

Calculation of the Current Period Estimated True-Up Amount
January 2019 - December 2019

Schedule 4E

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-Up Amount
January 2019 - December 2019

Variance Report of O & M Activities
 (in Dollars)

Line	Description of O & M Activities	(1) Estimated/ <u>Actual</u>	(2) Original Projection	(3) Amount	(4) Variance Percent
1	Description of O & M Activities				
.1	Sulfur	0	0	0	0.0 %
.2	Air Emission Fees	216,023	305,099	(89,076)	(29.2) %
.3	Title V	260,325	293,254	(32,929)	(11.2) %
.4	Asbestos Fees	1,207	1,000	207	21 %
.5	Emission Monitoring	770,225	739,036	31,189	4.2 %
.6	General Water Quality	1,967,116	2,014,654	(47,538)	(2.4) %
.7	Groundwater Contamination Investigation	2,270,787	2,825,274	(554,487)	(19.6) %
.8	State NPDES Administration	42,376	42,000	376	0.9 %
.9	Lead and Copper Rule	0	4,000	(4,000)	(100.0) %
.10	Env Auditing/Assessment	16,005	15,000	1,005	6.7 %
.11	General Solid & Hazardous Waste	1,026,680	1,000,000	26,680	2.7 %
.12	Above Ground Storage Tanks	121,715	92,532	29,183	31.5 %
.13	Low NOx	0	0	0	0.0 %
.14	Ash Pond Diversion Curtains	0	0	0	0.0 %
.15	Mercury Emissions	0	0	0	0.0 %
.16	Sodium Injection	(0)	10,000	(10,000)	(100.0) %
.17	Gulf Coast Ozone Study	0	0	0	0.0 %
.18	SPCC Substation Project	0	0	0	0.0 %
.19	FDEP NOx Reduction Agreement	505,192	1,021,274	(516,082)	(50.5) %
.20	Air Quality Compliance Program	19,145,434	21,813,790	(2,668,356)	(12.2) %
.21	MACT ICR	0	0	0	0.0 %
.22	Crist Water Conservation	390,903	428,542	(37,639)	(8.8) %
.23	Coal Combustion Residual	4,204,267	3,229,639	974,628	30.2 %
.24	Smith Water Conservation	165,289	190,000	(24,711)	(13.0) %
.25	Mercury Allowances	0	0	0	0.0 %
.26	Annual NOx Allowances	1,945	7,214	(5,269)	(73.0) %
.27	Seasonal NOx Allowances	5,103	7,887	(2,784)	(35.3) %
.28	SO2 Allowances	22,643	37,762	(15,119)	(40.0) %
.29	Scherer/Flint Credit - Energy	(472,723)	(513,282)	40,559	(7.9) %
.30	Scherer/Flint Credit - Demand	(8,700)	(438)	(8,262)	1,885.2 %
2	Total O & M Activities	<u>30,651,813</u>	<u>33,564,237</u>	<u>(2,912,424)</u>	(8.7) %
3	Recoverable Costs Allocated to Energy	20,454,167	23,722,034	(3,267,867)	(13.8) %
4	Recoverable Costs Allocated to Demand	10,197,646	9,842,203	355,443	3.6 %

Notes:

Column (1) is the End of Period Totals on Schedule 5E

Column (2) is the approved Projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

Schedule 6E

Gulf Power Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-Up Amount
January 2019 - December 2019

Variance Report of Capital Investment Programs - Recoverable Costs
 (in Dollars)

<u>Line</u>		(1) Estimated/ <u>Actual</u>	(2) Original <u>Projection</u>	(3) Variance <u>Amount</u>	(4) Percent
1	Description of Investment Programs				
.1	Air Quality Assurance Testing	8,579	7,934	645	8.1 %
.2	Crist 5, 6 & 7 Precipitator Projects	3,794,499	3,783,969	10,530	0.3 %
.3	Crist 7 Flue Gas Conditioning	104,137	103,687	450	0.4 %
.4	Low NOx Burners, Crist 6 & 7	1,775,014	1,769,988	5,025	0.3 %
.5	CEMS - Plants Crist, & Daniel	541,040	550,201	(9,160)	(1.7) %
.6	Substation Contamination Remediation	404,453	455,346	(50,893)	(11.2) %
.7	Raw Water Well Flowmeters - Plants Crist & Smith	13,027	12,997	30	0.2 %
.8	Crist Cooling Tower Cell	36,945	36,786	160	0.4 %
.9	Crist Dechlorination System	24,061	24,024	38	0.2 %
.10	Crist Diesel Fuel Oil Remediation	3,889	3,884	5	0.1 %
.11	Crist Bulk Tanker Unload Sec Contain Struc	5,087	5,083	4	0.1 %
.12	Crist IWW Sampling System	2,962	2,960	2	0.1 %
.13	Sodium Injection System	21,647	21,603	44	0.2 %
.14	Smith Stormwater Collection System	173,979	173,796	183	0.1 %
.15	Smith Waste Water Treatment Facility	61,919	69,434	(7,516)	(10.8) %
.16	Daniel Ash Management Project	1,290,480	1,297,351	(6,870)	(0.5) %
.17	Smith Water Conservation	2,335,904	2,552,502	(216,598)	(8.5) %
.18	Underground Fuel Tank Replacement	0	0	0	0.0 %
.19	Crist FDEP Agreement for Ozone Attainment	10,738,513	10,747,440	(8,927)	(0.1) %
.20	SPCC Compliance	76,296	76,138	158	0.2 %
.21	Crist Common FTIR Monitor	4,546	4,537	9	0.2 %
.22	Precipitator Upgrades for CAM Compliance	1,141,221	1,138,727	2,494	0.2 %
.23	Plant Groundwater Contamination	0	0	0	0.0 %
.24	Crist Water Conservation	1,780,736	1,792,231	(11,495)	(0.6) %
.25	Plant NPDES Permit Compliance Projects	795,177	560,503	234,674	41.9 %
.26	Air Quality Compliance Program	126,223,523	126,094,451	129,072	0.1 %
.27	General Water Quality	102,081	109,051	(6,970)	(6.4) %
.28	Coal Combustion Residual	3,944,729	4,652,479	(707,750)	(15.2) %
.29	Steam Electric Effluent Limitations Guidelines	604,453	615,793	(11,339)	(1.8) %
.30	316(b) Cooling Water Intake Structure Regulation	31,863	56,189	(24,326)	(43.3) %
.31	Mercury Allowances	0	0	0	0.0 %
.32	Annual NOx Allowances	445	350	96	27.3 %
.33	Seasonal NOx Allowances	4,592	428	4,164	973.5 %
.34	SO2 Allowances	438,037	434,365	3,671	0.8 %
.35	Regulatory Asset Smith Units 1 & 2	2,757,082	2,751,425	5,656	0.2 %
.36	Scherer/Flint Credit - Energy	(314,942)	(311,360)	(3,582)	(1.2) %
.37	Scherer/Flint Credit - Demand	<u>(3,779,299)</u>	<u>(3,736,320)</u>	<u>(42,979)</u>	<u>(1.2) %</u>
2	Total Investment Programs - Recoverable Costs	<u>155,146,676</u>	<u>155,857,972</u>	<u>(711,296)</u>	<u>(0.5) %</u>
3	Recoverable Costs Allocated to Energy	11,934,360	11,989,075	(54,715)	(0.5) %
4	Recoverable Costs Allocated to Demand	143,212,317	143,868,898	(656,581)	(0.5) %

Notes:

Column (1) is the End of Period Totals on Schedule 7E

Column (2) is the approved Projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

GulfPower Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 Return on Capital Investments, Depreciation and Taxes
 For Program: Air Quality Assurance Testing
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected 12-Month Total
1	Investments		0	0	0	0	83,954	0	0	0	0	0	0	83,954	
a	Expenditures/Additions	0	0	0	0	0	0	83,954	0	0	0	0	0	83,954	
b	Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	83,954	83,954	83,954	83,954	83,954	83,954	
3	Less: Accumulated Depreciation (C)	0	0	0	0	0	0	0	(999)	(999)	(999)	(999)	(999)	(999)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	83,954	83,954	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	0	0	0	0	83,954	83,954	83,954	82,954	81,955	80,956	79,956	78,957	78,957	
6	Average Net Investment	0	0	0	0	41,977	83,954	83,954	83,454	82,455	81,455	80,456	79,456	79,456	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	0	0	0	0	0	194	388	391	388	384	379	374	370	
b	Debt Component (Line 6 x Debt Component x 1/12)	0	0	0	0	48	96	97	97	96	95	93	92	714	
8	Investment Expenses														
a	Depreciation (E)	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)	0	0	0	0	242	484	488	488	1,479	1,473	1,467	1,461	8,579	
a	Recoverable Costs Allocated to Energy	0	0	0	0	19	37	38	38	114	114	113	112	660	
b	Recoverable Costs Allocated to Demand	0	0	0	0	223	447	450	450	1,370	1,365	1,360	1,354	7,919	
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171		
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)	0	0	0	0	0	18	36	37	111	111	110	110	643	
13	Retail Demand-Related Recoverable Costs (I)	0	0	0	0	0	217	434	438	1,332	1,327	1,321	1,316	7,696	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	0	0	0	0	235	470	474	474	1,443	1,437	1,432	1,426	8,339	

Notes:

- (A) Description and reason for Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) PE 1244 has a 7-year amortization period. PE 1006 is fully amortized.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

GulfPower Company

Environmental Cost Recovery Clause (ECRC)

Calculation of the Current Period Estimated True-up Amount

January 2019 - December 2019

Return on Capital Investments Depreciation and Taxes

For Program: Crist 5, 6 & 7 Precipitator Projects

(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected December	12-Month Total
1	Investments															
a	Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B)	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	
3	Less: Accumulated Depreciation (C)	2,421,657	2,310,521	2,199,386	2,088,251	1,977,116	1,865,981	1,754,846	1,643,710	1,532,755	1,421,440	1,310,305	1,199,170	1,088,035	0	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	<u>36,098,980</u>	<u>35,987,844</u>	<u>35,876,709</u>	<u>35,765,574</u>	<u>35,654,439</u>	<u>35,543,304</u>	<u>35,432,169</u>	<u>35,321,033</u>	<u>35,209,988</u>	<u>35,098,763</u>	<u>34,987,628</u>	<u>34,876,493</u>	<u>34,765,358</u>		
6	Average Net Investment	36,043,412	35,932,277	35,821,142	35,710,007	35,598,871	35,487,736	35,376,601	35,265,466	35,154,331	35,043,196	34,932,060	34,820,925			
7	Return on Average Net Investment															
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	166,043	166,043	165,529	165,016	164,502	163,989	164,572	164,055	163,538	163,021	162,504	161,987	1,971,313		
b	Debt Component (Line 6 x Debt Component x 1/12)	41,162	41,035	40,908	40,781	40,654	40,527	41,072	40,943	40,814	40,685	40,556	40,427	489,564		
8	Investment Expenses															
a	Depreciation (E)	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	1,333,622	
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)	318,853	318,213	317,572	316,932	316,291	315,651	316,779	316,133	315,487	314,841	314,195	313,549	313,549	3,794,499	
a	Recoverable Costs Allocated to Energy	24,527	24,478	24,429	24,379	24,330	24,281	24,368	24,318	24,268	24,219	24,169	24,119	291,885		
b	Recoverable Costs Allocated to Demand	294,326	293,735	293,144	292,553	291,961	291,370	292,412	291,815	291,219	290,623	290,026	289,430	3,502,614		
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171			
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277		
12	Retail Energy-Related Recoverable Costs (H)	23,872	23,855	23,811	23,779	23,714	23,719	23,778	23,733	23,669	23,610	23,587	23,436	284,483		
13	Retail Demand-Related Recoverable Costs (I)	286,034	285,460	284,885	284,311	283,736	283,162	284,174	283,394	283,015	282,335	281,856	281,276	3,403,937		
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	<u>309,906</u>	<u>309,315</u>	<u>308,696</u>	<u>308,090</u>	<u>307,451</u>	<u>306,881</u>	<u>307,952</u>	<u>307,327</u>	<u>306,684</u>	<u>306,045</u>	<u>305,363</u>	<u>304,712</u>	<u>3,688,421</u>		

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Schedule 8E
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GulfPower Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 Return on Capital Investments, Depreciation and Taxes
 For Program: Crisis 7 Flue Gas Conditioning
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected 12-Month Total
1	Investments														
a	Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B)	0	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
3	Less: Accumulated Depreciation (C)	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
6	Average Net Investment	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	6,928	6,928	6,928	6,928	6,928	6,928	6,928	6,928	6,928	6,928	6,928	6,928	6,928	
b	Debt Component (Line 6 x Debt Component x 1/12)	1,712	1,712	1,712	1,712	1,712	1,712	1,712	1,712	1,712	1,712	1,712	1,712	1,712	
8	Investment Expenses														
a	Depreciation (E)	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)	8,641	8,641	8,641	8,641	8,641	8,641	8,641	8,641	8,641	8,641	8,641	8,641	8,641	
a	Recoverable Costs Allocated to Energy	665	665	665	665	665	665	665	665	665	665	665	665	665	
b	Recoverable Costs Allocated to Demand	7,976	7,976	7,976	7,976	7,976	7,976	7,976	7,976	7,976	7,976	7,976	7,976	7,976	
10	Energy Jurisdictional Factor														
11	Demand Jurisdictional Factor														
12	Retail Energy-Related Recoverable Costs (H)	647	648	648	648	648	648	648	648	648	648	648	648	648	
13	Retail Demand-Related Recoverable Costs (I)	7,751	7,751	7,751	7,751	7,751	7,751	7,751	7,751	7,751	7,751	7,751	7,751	7,751	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	8,398	8,399	8,399	8,400	8,399	8,400	8,399	8,400	8,399	8,400	8,399	8,400	8,399	

Notes:

- (A) Description and reason for Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11
- (J) Line 10 x Line 11

GulfPower Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 Return on Capital Investments, Depreciation and Taxes
 For Program: Crist Cooling Tower Cell
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected Total
1	Investments														
a	Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Cleanings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation (C)	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	
6	Average Net Investment	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	2,458	2,458	2,458	2,458	2,458	2,458	2,458	2,475	2,475	2,475	2,475	2,475	2,475	
b	Debt Component (Line 6 x Debt Component x 1/12)	607	607	607	607	607	607	607	618	618	618	618	618	7,350	
8	Investment Expenses														
a	Depreciation (E)	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)														
a	Recoverable Costs Allocated to Energy	3,065	3,065	3,065	3,065	3,065	3,065	3,065	3,092	3,092	3,092	3,092	3,092	3,092	
b	Recoverable Costs Allocated to Demand	2,36	2,36	2,36	2,36	2,36	2,36	2,36	238	238	238	238	238	238	
2,830	2,830	2,830	2,830	2,830	2,830	2,830	2,830	2,854	2,854	2,854	2,854	2,854	2,854		
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171		
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)	230	230	230	230	230	230	230	232	232	232	232	231	231	
13	Retail Demand-Related Recoverable Costs (I)	2,750	2,750	2,750	2,750	2,750	2,750	2,750	2,774	2,774	2,774	2,774	2,774	2,774	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	2,979	2,980	2,980	2,980	2,980	2,980	2,980	3,006	3,006	3,006	3,006	3,005	3,5913	

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for 'Other' adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

GulfPower Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 Return on Capital Investments Depreciation and Taxes
 For Program: Crist Dechlorination System
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected 12-Month Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	
a	Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B)	380,697 (243,768)	380,697 (245,024)	380,697 (246,281)	380,697 (247,537)	380,697 (248,793)	380,697 (250,049)	380,697 (251,306)	380,697 (252,562)	380,697 (253,818)	380,697 (255,075)	380,697 (256,331)	380,697 (257,587)	380,697 (258,844)	
3	Less: Accumulated Depreciation (C)	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non Interest Bearing														
5	Net Investment (Lines 2 + 3 + 4) (A)	136,929	135,673	134,416	133,160	131,904	130,648	129,391	128,135	126,879	125,622	124,366	123,110	121,853	
6	Average Net Investment	136,301	135,045	133,788	132,532	131,276	130,019	128,763	127,507	126,251	124,994	123,738	122,482		
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	630	624	618	612	607	601	599	593	587	581	576	570	570	
b	Debt Component (Line 6 x Debt Component x 1/12)	156	154	153	151	150	148	149	148	147	145	144	142	1,787	
8	Investment Expenses														
a	Depreciation (E)	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)	2,042	2,035	2,027	2,020	2,013	2,006	2,005	1,997	1,990	1,983	1,976	1,968	24,061	
a	Recoverable Costs Allocated to Energy	157	157	156	155	155	154	154	154	154	153	153	152	1,851	
b	Recoverable Costs Allocated to Demand	1,885	1,878	1,871	1,865	1,858	1,851	1,851	1,844	1,844	1,837	1,830	1,824	1,817	
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171		
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)	153	153	152	152	151	151	150	150	149	149	148	147	1,804	
13	Retail Demand-Related Recoverable Costs (I)	1,832	1,825	1,819	1,812	1,806	1,799	1,798	1,792	1,785	1,779	1,772	1,766	21,585	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	1,985	1,978	1,971	1,964	1,957	1,950	1,949	1,942	1,935	1,927	1,920	1,913	23,389	

Notes:

- (A) Description and reason for Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

GulfPower Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 Return on Capital Investments Depreciation and Taxes
 For Program: Crist Diesel Fuel Oil Remediation
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected December	12-Month Total
1	Investments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
a	Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B)	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	
3	Less: Accumulated Depreciation (C)	(50,860)	(51,088)	(51,315)	(51,542)	(51,770)	(51,997)	(52,225)	(52,452)	(52,680)	(52,907)	(53,135)	(53,362)	(53,590)	(53,590)	
4	CWP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	18,063	17,835	17,608	17,381	17,153	16,926	16,698	16,471	16,243	16,016	15,788	15,561	15,334	15,334	
6	Average Net Investment	17,949	17,722	17,494	17,267	17,039	16,812	16,584	16,357	16,130	15,902	15,675	15,447	15,447	15,447	
7	Return on Average Net Investment															
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	83	82	81	80	79	78	77	76	75	74	73	72	72	929	
b	Debt Component (Line 6 x Debt Component x 1/12)	20	20	20	20	19	19	19	19	19	18	18	18	18	231	
8	Investment Expenses															
a	Depreciation (E)	227	227	227	227	227	227	227	227	227	227	227	227	227	227	
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)	331	330	328	327	326	324	323	323	321	320	319	317	317	3,889	
a	Recoverable Costs Allocated to Energy	25	25	25	25	25	25	25	25	25	25	25	24	24	2,729	
b	Recoverable Costs Allocated to Demand	305	304	303	302	301	299	298	298	297	295	294	293	293	3,590	
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	0.9705171	0.9705171	
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)	25	25	25	25	24	24	24	24	24	24	24	24	24	292	
13	Retail Demand-Related Recoverable Costs (I)	297	296	294	293	292	291	291	289	288	287	286	285	285	3,489	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	322	320	319	318	317	315	315	314	312	311	310	308	308	3,780	

Notes:

- (A) Description and reason for Other's adjustments to net investment for this program if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

GulfPower Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 Return on Capital Investments Depreciation and Taxes
 For Program: Sodium Injection System
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	
a	Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B)	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	
Less: Accumulated Depreciation (C)	(129,581)	(130,520)	(131,459)	(132,398)	(133,338)	(134,277)	(135,216)	(136,155)	(137,095)	(138,034)	(139,973)	(140,852)	(140,852)	(140,852)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	155,041	154,102	153,163	152,223	151,284	150,345	149,406	148,466	147,527	146,588	145,649	144,709	143,770	
6	Average Net Investment	154,572	153,632	152,693	151,754	150,815	149,875	148,936	147,997	147,958	146,118	145,179	144,240		
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	714	710	706	701	697	693	688	684	680	675	671	671	8,312	
b	Debt Component (Line 6 x Debt Component x 1/12)	177	175	174	173	172	171	173	172	171	170	169	167	2,064	
8	Investment Expenses														
a	Depreciation (E)	939	939	939	939	939	939	939	939	939	939	939	939	11,271	
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)	1,830	1,825	1,819	1,814	1,808	1,803	1,805	1,800	1,794	1,789	1,783	1,778	21,647	
a	Recoverable Costs Allocated to Energy	141	140	140	140	139	139	139	139	138	138	137	137	1,665	
b	Recoverable Costs Allocated to Demand	1,689	1,684	1,679	1,674	1,669	1,664	1,666	1,661	1,656	1,651	1,646	1,641	19,982	
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171		
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277		
12	Retail Energy-Related Recoverable Costs (H)	137	137	136	136	136	135	135	135	135	134	133	133	1,623	
13	Retail Demand-Related Recoverable Costs (I)	1,642	1,637	1,632	1,627	1,622	1,617	1,619	1,614	1,609	1,605	1,600	1,595	19,419	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	1,779	1,774	1,768	1,763	1,758	1,753	1,755	1,749	1,744	1,739	1,733	1,728	21,042	

Notes:

- (A) Description and reason for Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

GulfPower Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 Return on Capital Investments, Depreciation and Taxes
 For Program: Smith Stormwater Collection System
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B)	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	
(2,057,330)	(2,068,111)	(2,078,892)	(2,089,673)	(2,100,454)	(2,111,236)	(2,122,017)	(2,132,798)	(2,143,579)	(2,154,360)	(2,165,141)	(2,175,922)	(2,186,703)	(2,186,703)	(2,186,703)	
3	Less: Accumulated Depreciation (C)														
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	707,049	696,267	685,486	674,705	663,924	653,143	642,362	631,581	620,800	610,019	599,238	588,457	577,676	
6	Average Net Investment	701,658	690,877	680,096	669,315	658,534	647,753	636,972	626,190	615,409	604,628	593,847	583,066		
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	3,242	3,193	3,143	3,093	3,043	2,993	2,963	2,913	2,863	2,813	2,763	2,712	35,734	
b	Debt Component (Line 6 x Debt Component x 1/12)	801	789	777	764	752	740	740	727	714	702	689	677	8,872	
8	Investment Expenses														
a	Depreciation (E)	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)	14,825	14,763	14,700	14,638	14,576	14,514	14,484	14,421	14,358	14,296	14,233	14,170	173,979	
a	Recoverable Costs Allocated to Energy	1,140	1,136	1,131	1,126	1,121	1,116	1,114	1,109	1,104	1,100	1,095	1,090	13,383	
b	Recoverable Costs Allocated to Demand	13,684	13,627	13,570	13,512	13,455	13,398	13,370	13,312	13,254	13,196	13,138	13,080	160,596	
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171		
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)	1,110	1,107	1,102	1,098	1,093	1,091	1,087	1,083	1,077	1,072	1,065	1,059	13,044	
13	Retail Demand-Related Recoverable Costs (I)	13,299	13,243	13,187	13,132	13,076	13,020	12,993	12,937	12,881	12,824	12,768	12,712	156,072	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	14,409	14,350	14,290	14,230	14,169	14,111	14,080	14,019	13,958	13,896	13,833	13,771	169,115	

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier.
- (I) Line 9b x Line 11.

Schedule 8E
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Gulf Power Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 Return on Capital Investments, Depreciation and Taxes
 For Program: Smith Waste Water Treatment Facility
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected Total
1	Investments	0	145,493	281	0	0	0	0	0	0	0	0	0	0	
a	Expenditures/Additions	0	0	0	0	0	0	145,774	0	0	0	0	0	145,774	
b	Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Other	0	72,746	141	0	0	0	0	0	0	0	0	0	72,887	
2	Plant-in-Service/Depreciation Base(B)	178,962	178,962	178,962	178,962	178,962	178,962	324,736	324,736	324,736	324,736	178,962	178,962	178,962	
3	Less: Accumulated Depreciation (C)	39,9038	39,210	111,258	110,003	109,305	108,607	107,625	106,358	105,092	103,829	102,565	249,884	249,884	248,488
4	CWIP - Non Interest Bearing	340,829	340,829	486,322	486,603	486,603	486,603	486,603	486,603	486,603	486,603	486,603	340,829	340,829	340,829
5	Net Investment (Lines 2 + 3 + 4) (A)	559,699	559,001	776,542	776,266	775,568	774,870	774,172	773,190	771,923	770,657	769,675	768,977	768,279	
6	Average Net Investment	559,350	667,771	776,404	775,917	775,219	774,521	773,681	772,557	771,290	770,166	769,326	768,628		
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	2,585	3,086	3,588	3,586	3,582	3,579	3,599	3,594	3,588	3,583	3,579	3,576	41,524	
b	Debt Component (Line 6 x Debt Component x 1/12)	639	763	887	886	885	885	898	897	895	894	893	892	10,314	
8	Investment Expenses														
a	Depreciation (E)	698	698	698	698	698	698	982	982	982	982	982	982	982	
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)	3,921	4,546	5,172	5,170	5,166	5,162	5,480	5,757	5,750	5,459	5,170	5,166	61,919	
a	Recoverable Costs Allocated to Energy	302	350	398	398	397	397	422	443	442	420	398	397	47,633	
b	Recoverable Costs Allocated to Demand	3,620	4,197	4,774	4,772	4,768	4,764	5,058	5,314	5,308	5,039	4,772	4,769	57,156	
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171		
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)	294	341	388	388	387	388	411	432	431	409	387	386	4,642	
13	Retail Demand-Related Recoverable Costs (I)	3,518	4,078	4,640	4,637	4,634	4,630	4,916	5,165	5,158	4,897	4,638	4,634	55,546	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	3,811	4,419	5,028	5,025	5,021	5,018	5,327	5,597	5,590	5,307	5,025	5,020	60,188	

Notes:

- (A) Description and reason for Other's adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period Repreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

GulfPower Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: 316(b) Intake Structure Regulation
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected December	Projected December	12-Month Total
1	Investments																
a	Expenditures/Additions	0	0	0	0	0	5,607	1,028	80,592	251,850	579,255	478,515	327,405	277,035	2,001,288		
b	Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Other	0	0	0	0	0	561	103	0	0	0	0	0	0	0	664	
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation (C)	0	0	0	0	0	561	664	664	664	664	664	664	664	0	0	
4	CWIP - Non Interest Bearing	0	0	0	0	0	5,607	6,636	87,228	339,078	918,333	1,396,848	1,724,253	2,001,288			
5	Net Investment (Lines 2 + 3 + 4) (A)	0	0	0	0	0	6,168	7,299	87,891	339,741	918,996	1,397,511	1,724,916	2,001,951			
6	Average Net Investment	0	0	0	0	0	3,084	6,734	47,595	213,816	629,369	1,158,254	1,561,214	1,863,434			
7	Return on Average Net Investment																
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	0	0	0	0	0	14	31	221	995	2,928	5,388	7,263	8,669	25,509		
b	Debt Component (Line 6 x Debt Component x 1/12)	0	0	0	0	0	4	8	55	248	719	1,345	1,813	2,163	6,354		
8	Investment Expenses																
a	Depreciation (E)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)	0	0	0	0	0	18	39	277	1,243	3,647	6,733	9,075	10,832	31,863		
a	Recoverable Costs Allocated to Energy	0	0	0	0	0	1	3	21	96	281	518	698	833	2,451		
b	Recoverable Costs Allocated to Demand	0	0	0	0	0	16	36	255	1,147	3,366	6,215	8,377	9,999	29,412		
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171				
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277			
12	Retail Energy-Related Recoverable Costs (H)	0	0	0	0	0	1	3	21	93	274	505	679	810	2,385		
13	Retail Demand-Related Recoverable Costs (I)	0	0	0	0	0	16	35	248	1,115	3,271	6,040	8,141	9,717	28,584		
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	0	0	0	0	0	17	38	269	1,208	3,545	6,545	8,820	10,527	30,969		

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for 'Other' adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

GulfPower Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 Return on Working Capital, Mercury Allowance Expenses
 For Program: Mercury Allowances
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected 12-Month Total
1 Investments	a Purchases/Transfers	0	0	0	0	0	0	0	0	0	0	0	0	0	
	b Sales/Transfers	0	0	0	0	0	0	0	0	0	0	0	0	0	
	c Auction Proceeds/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	
2 Working Capital	a FERC 158.1 Allowance Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	
	b FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
	c FERC 182.3 Other Regl. Assets-Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
	d FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 Total Working Capital Balance		0	0	0	0	0	0	0	0	0	0	0	0	0	
4 Average Net Working Capital Balance		0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Return on Average Net Working Capital Balance															
	a Equity Component (Line 4 x Equity Component x 1/12) (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	
	b Debt Component (Line 4 x Debt Component x 1/12)	0	0	0	0	0	0	0	0	0	0	0	0	0	
6 Total Return Component (D)		0	0	0	0	0	0	0	0	0	0	0	0	0	
7 Expenses															
	a Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	
	b Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
	c Mercury Allowance Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	
8 Net Expenses (E)		0	0	0	0	0	0	0	0	0	0	0	0	0	
9 Total System Recoverable Expenses (Lines 6 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0	
	a Recoverable Costs Allocated to Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	
	b Recoverable Costs Allocated to Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	
10 Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171		
11 Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277		
12 Retail Energy-Related Recoverable Costs (B)		0	0	0	0	0	0	0	0	0	0	0	0	0	
13 Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0	
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	0	0	0	0	0	0	0	0	0	

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (B) Line 9a x Line 10 x line loss multiplier
- (C) Line 9b x Line 11.
- (D) Line 6 is reported on Schedule 2E
- (E) Line 8 is reported on Schedule 2E

GulfPower Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 Return on Working Capital Annual NOx Expenses
 For Program: Annual NOx Allowances
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected End of Period Amount
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	
a	Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	
c	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Working Capital		7,025	7,025	6,653	6,653	6,653	6,489	6,326	6,177	5,783	5,478	5,080		
a	FERC 158.1 Allowance Inventory		0	0	0	0	0	0	0	0	0	0	0	0	
b	FERC 158.2 Allowances Withheld		0	0	0	0	0	0	0	0	0	0	0	0	
c	FERC 182.3 Other Reg'l Assets - Losses		0	0	0	0	0	0	0	0	0	0	0	0	
d	FERC 254 Regulatory Liabilities - Gains		0	0	0	0	0	0	0	0	0	0	0	0	
3	Total Working Capital Balance		7,025	7,025	6,653	6,653	6,653	6,489	6,326	6,177	5,783	5,478	5,080		
4	Average Net Working Capital Balance		7,025	7,025	6,839	6,653	6,653	6,571	6,408	6,251	5,980	5,630	5,279		
5	Return on Average Net Working Capital Balance														
a	Equity Component (Line 4 x Equity Component x 1/12) (A)		32	32	32	31	31	31	30	29	28	26	25	25	
b	Debt Component (Line 4 x Debt Component x 1/12)		8	8	8	8	8	8	7	7	7	6	6	89	
6	Total Return Component (D)		40	40	39	38	38	38	37	36	35	33	31	445	
7	Expenses														
a	Gains		0	0	0	0	0	0	0	0	0	0	0	0	
b	Losses		0	0	0	0	0	0	0	0	0	0	0	0	
c	Annual NOx Allowance Expense		0	0	372	0	0	0	164	164	149	149	149	1,945	
8	Net Expenses (E)		0	0	372	0	0	0	164	164	149	149	149	1,945	
9	Total System Recoverable Expenses (Lines 6 + 8)														
a	Recoverable Costs Allocated to Energy		40	40	411	38	38	38	202	201	185	185	185	2,390	
b	Recoverable Costs Allocated to Demand		3	3	375	3	3	3	167	166	152	152	152	1,979	
10	Energy Jurisdictional Factor		37	37	36	35	35	35	35	34	34	34	34	411	
11	Demand Jurisdictional Factor														
12	Retail Energy-Related Recoverable Costs (B)		3	3	365	3	3	3	163	162	148	148	148	1,928	
13	Retail Demand-Related Recoverable Costs (C)		36	36	35	34	34	34	34	33	33	31	29	389	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		39	39	401	37	37	37	197	196	180	180	181	2,327	

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (B) Line 9a x Line 10 x line loss multiplier
- (C) Line 9b x Line 11.
- (D) Line 6 is reported on Schedule 2E
- (E) Line 8 is reported on Schedule 2E

GulfPower Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 Return on Working Capital, Seasonal NOx Expenses
 For Program: Seasonal NOx Allowances
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected January	End of Period Amount
1	Investments		0	0	0	0	0	0	0	159,000	0	0	0	0	0	
a	Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Working Capital															
a	FERC 158.1 Allowance Inventory	8,181	8,181	8,181	8,181	8,181	8,181	6,365	163,567	162,078	162,078	162,078	162,078	162,078	162,078	
b	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	FERC 182.3 Other Regt. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Total Working Capital Balance	8,181	8,181	8,181	8,181	8,181	8,181	6,365	163,567	162,078	162,078	162,078	162,078	162,078	162,078	
4	Average Net Working Capital Balance	8,181	8,181	8,181	8,181	8,181	8,181	7,273	84,966	162,822	162,078	162,078	162,078	162,078	162,078	
5	Return on Average Net Working Capital Balance															
a	Equity Component (Line 4 x Equity Component x 1/12) (A)	38	38	38	38	38	38	34	395	757	754	754	754	754	3,675	
b	Debt Component (Line 4 x Deb/Credit Component x 1/12)	9	9	9	9	9	9	8	99	189	188	188	188	188	917	
6	Total Return Component (D)	47	47	47	47	47	47	42	944	946	942	942	942	942	4,592	
7	Expenses															
a	Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	Seasonal NOx Allowance Expense	0	0	0	0	0	0	0	1,816	1,798	1,488	0	0	0	5,103	
8	Net Expenses (E)	0	0	0	0	0	0	0	1,816	1,798	1,488	0	0	0	5,103	
9	Total System Recoverable Expenses (Lines 6 + 8)	47	47	47	47	47	47	47	1,859	2,292	2,435	942	942	942	9,695	
a	Recoverable Costs Allocated to Energy	4	4	4	4	4	4	4	1,820	1,836	1,561	72	72	72	5,456	
b	Recoverable Costs Allocated to Demand	44	44	44	44	44	44	44	39	456	874	870	870	870	4,239	
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171			
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277		
12	Retail Energy-Related Recoverable Costs (B)	4	4	4	4	4	4	4	1,776	1,792	1,523	71	70	70	5,323	
13	Retail Demand-Related Recoverable Costs (C)	42	42	42	42	42	42	42	38	443	849	845	845	845	4,119	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	46	46	46	46	46	46	46	1,814	2,235	2,372	916	916	916	9,442	

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (B) Line 9a x Line 10 x line loss multiplier
- (C) Line 9b x Line 11.
- (D) Line 6 is reported on Schedule 2E
- (E) Line 4 is reported on Schedule 2E

GulfPower Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 Return on Working Capital SO2 Expenses
 For Program: SO2 Allowances
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected 12-Month Total	
1 Investments															
a Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0	
b Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0	
c Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2 Working Capital															
a FERC 158.1 Allowance Inventory	6,314,539	6,314,539	6,314,539	6,312,336	6,312,336	6,312,336	6,307,841	6,303,334	6,299,436	6,296,614	6,294,596	6,291,809			
b FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
c FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
d FERC 254 Regulatory Liabilities - Gains	(268)	(268)	(268)	(268)	(268)	(268)	(268)	(268)	(268)	(268)	(268)	(268)	(268)	(181)	
3 Total Working Capital Balance	<u>6,314,271</u>	<u>6,314,271</u>	<u>6,314,271</u>	<u>6,312,067</u>	<u>6,312,067</u>	<u>6,312,067</u>	<u>6,312,067</u>	<u>6,307,587</u>	<u>6,303,095</u>	<u>6,299,211</u>	<u>6,296,404</u>	<u>6,294,401</u>	<u>6,291,628</u>		
4 Average Net Working Capital Balance	6,314,271	6,314,271	6,313,169	6,312,067	6,312,067	6,312,067	6,312,067	6,309,827	6,305,341	6,301,153	6,297,807	6,295,402	6,293,015		
5 Return on Average Net Working Capital Balance															
a Equity Component (Line 4 x Equity Component x 1/12) (A)	29,178	29,178	29,173	29,168	29,168	29,168	29,353	29,332	29,313	29,297	29,286	29,275	29,275	350,891	
b Debt Component (Line 4 x Debt Component x 1/12)	7,211	7,211	7,210	7,208	7,208	7,208	7,326	7,321	7,316	7,312	7,309	7,306	7,306	87,145	
6 Total Return Component (D)	<u>36,389</u>	<u>36,389</u>	<u>36,383</u>	<u>36,376</u>	<u>36,376</u>	<u>36,376</u>	<u>36,679</u>	<u>36,653</u>	<u>36,629</u>	<u>36,609</u>	<u>36,595</u>	<u>36,581</u>	<u>36,581</u>	438,037	
7 Expenses															
a Gains	0	0	0	0	0	0	0	0	(15)	(15)	(15)	(15)	(15)	(88)	
b Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
c SO2 Allowance Expense	0	0	0	2,204	0	0	0	0	4,495	4,506	3,898	2,822	2,017	2,788	
8 Net Expenses (E)	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,204</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4,480</u>	<u>4,492</u>	<u>3,884</u>	<u>2,807</u>	<u>2,003</u>	<u>2,773</u>	<u>22,643</u>
9 Total System Recoverable Expenses (Lines 6 + 8)	36,389	36,389	38,587	36,376	36,376	36,376	41,159	41,145	40,512	39,417	38,598	39,354	460,679		
a Recoverable Costs Allocated to Energy	2,799	2,799	5,002	2,798	2,798	2,798	7,302	7,311	6,701	5,623	4,818	5,587	5,587	56,338	
b Recoverable Costs Allocated to Demand	33,590	33,590	33,584	33,578	33,578	33,578	33,833	33,833	33,811	33,793	33,790	33,767	33,767	404,341	
10 Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171			
11 Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12 Retail Energy-Related Recoverable Costs (B)	2,724	2,728	4,876	2,729	2,727	2,727	7,125	7,135	6,536	5,482	4,686	5,429	5,429	54,911	
13 Retail Demand-Related Recoverable Costs (C)	32,644	32,644	32,638	32,632	32,632	32,632	32,904	32,880	32,858	32,841	32,828	32,816	32,816	392,950	
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13)	<u>35,368</u>	<u>35,372</u>	<u>37,514</u>	<u>35,362</u>	<u>35,360</u>	<u>35,366</u>	<u>35,536</u>	<u>35,522</u>	<u>35,492</u>	<u>35,432</u>	<u>35,394</u>	<u>35,323</u>	<u>35,323</u>	<u>447,861</u>	

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (B) Line 9a x Line 10 x line loss multiplier
- (C) Line 9b x Line 11.
- (D) Line 6 is reported on Schedule 2E
- (E) Line 8 is reported on Schedule 2E

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)

Calculation of the Current Period Estimated True-up Amount

January 2019 - December 2019

Return on Working Capital Amortization Expense

For Program: Regulatory Asset Smith Units 1 & 2

(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected 12-Month Total
1	Regulatory Asset Balance 182.2 (B)	19,921,306	19,921,306	19,802,726	19,684,147	19,565,568	19,446,989	19,328,410	19,209,830	19,091,251	18,972,672	18,854,093	18,735,514	18,616,934	18,616,934
2	Less Amortization (C)	0													
3	Net Regulatory Asset Balance (Lines 1 + 2) (A)	19,921,306	19,802,726	19,684,147	19,565,568	19,446,989	19,328,410	19,209,830	19,091,251	18,972,672	18,854,093	18,735,514	18,616,934	18,498,355	
4	Average Regulatory Asset Balance	19,862,016	19,743,437	19,624,858	19,506,278	19,387,699	19,269,120	19,150,541	19,031,962	18,913,382	18,794,803	18,676,224	18,557,645		
5	Return on Average Regulatory Asset Balance														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	91,782	91,234	90,686	90,139	89,591	89,043	88,088	88,537	87,985	87,433	86,882	86,330	1,068,730	
b	Debt Component (Line 6 x Debt Component x 1/12)	22,682	22,547	22,412	22,276	22,141	22,005	22,234	22,096	21,958	21,821	21,683	21,545	265,401	
6	Amortization Expense														
a	Amortization (E)	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	1,422,950	
b	Other (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Total System Recoverable Expenses (Lines 5 + 6)	233,044	232,361	231,677	230,994	230,311	229,627	229,901	229,212	228,523	227,833	227,144	226,455	2,757,082	
a	Recoverable Costs Allocated to Energy	17,926	17,874	17,821	17,769	17,716	17,664	17,685	17,632	17,579	17,526	17,473	17,420	212,083	
b	Recoverable Costs Allocated to Demand	215,118	214,487	213,856	213,225	212,594	211,964	212,217	211,580	210,944	210,308	209,671	209,035	2,544,999	
8	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171		
9	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277		
10	Retail Energy-Related Recoverable Costs (G)	17,448	17,419	17,370	17,331	17,268	17,255	17,257	17,207	17,144	17,085	16,994	16,926	206,706	
11	Retail Demand-Related Recoverable Costs (H)	209,057	208,444	207,331	207,218	206,605	205,992	206,238	205,620	205,001	204,383	203,765	203,146	2,473,300	
12	Total Jurisdictional Recoverable Costs (Lines 10 + 11)	226,505	225,864	225,202	224,549	223,873	223,247	223,495	222,827	222,146	221,468	220,759	220,072	2,680,006	

Notes:

- (A) End of period Regulatory Asset Balance.
- (B) Beginning of period Regulatory Asset Balance.
- (C) Regulatory Asset has a 1.5 year amortization period.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Regulatory Asset has a 1.5 year amortization period.
- (F) Description and reason for "Other" adjustments to regulatory asset.
- (G) Line 7a x Line 8 x line loss multiplier
- (H) Line 7b x Line 9.

Schedule 9E
 Page 1 of 2

Gulf Power Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - June 2019

FPSC Capital Structure and Cost Rates

Line	Capital Component	(1)	(2)	(3)	(4)	(5)	(6)
		Jurisdictional Amount (\$000s)	Ratio %	Cost Rate %	Weighted Cost Rate %	Revenue Requirement Rate %	Monthly Revenue Requirement Rate %
1	Bonds	826,744	34.2628	3.89	1.3328	1.3328	
2	Short-Term Debt	9,317	0.3861	4.17	0.0161	0.0161	
3	Preferred Stock	7,010	0.2905	6.14	0.0178	0.0238	
4	Common Stock	969,929	40.1968	10.25	4.1202	5.5190	
5	Customer Deposits	22,436	0.9298	2.29	0.0213	0.0213	
6	Deferred Taxes	576,770	23.9031				
7	Investment Tax Credit	741	0.0307	7.39	0.0023	0.0028	
8	Total	<u>2,412,949</u>	<u>100.0000</u>		<u>5.5105</u>	<u>6.9158</u>	<u>0.5763</u>
ITC Component:							
9	Debt	826,744	45.8364	3.89	1.7830	0.0005	
10	Equity-Preferred	7,010	0.3887	6.14	0.0239	0.0000	
11	-Common	<u>969,929</u>	<u>53.7749</u>	10.25	<u>5.5119</u>	<u>0.0023</u>	
12		<u>1,803,684</u>	<u>100.0000</u>		<u>7.3188</u>	<u>0.0028</u>	
Breakdown of Revenue Requirement Rate of Return between Debt and Equity:							
13	Total Debt Component (Lines 1, 2, 5, and 9)					1.3707	0.1142
14	Total Equity Component (Lines 3, 4, 10, and 11)					<u>5.5451</u>	0.4621
15	Total Revenue Requirement Rate of Return					<u>6.9158</u>	<u>0.5763</u>

Column:

- (1) Based on the May 2018 Surveillance Report, Schedule 4
 Adjusted to achieve the 53.5% equity ratio as prescribed in the 2018 Tax Reform Settlement Agreement in Docket No. 20180039-EI.
- (2) Column (1) / Total Column (1)
- (3) Based on the May 2018 Surveillance Report, Schedule 4.
- (4) Column (2) x Column (3)
- (5) For equity components: Column (4) / (1-.25345); 25.3450% = effective income tax rate
 For debt components: Column (4)
- (6) Column (5) / 12

Schedule 9E
 Page 2 of 2

Gulf Power Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
July 2019 - December 2019

FPSC Capital Structure and Cost Rates

Line	Capital Component	Jurisdictional		Cost Rate %	Weighted Cost Rate %	Requirement Rate %	Monthly Revenue Requirement Rate %
		Rate Base Test Year (\$000's)	Ratio %				
1	Bonds	895,370	34.5117	3.91	1.3507	1.3507	
2	Short-Term Debt	21,050	0.8114	2.96	0.0240	0.0240	
3	Preferred Stock	0	0.0000	0.00	0.0000	0.0000	
4	Common Stock	1,054,506	40.6457	10.25	4.1662	5.5806	
5	Customer Deposits	22,088	0.8514	2.08	0.0177	0.0177	
6	Deferred Taxes	600,760	23.1562				
7	Investment Tax Credit	611	<u>0.0236</u>	7.34	<u>0.0017</u>	<u>0.0022</u>	
8	Total	<u>2,594,384</u>	<u>100.0000</u>		<u>5.5603</u>	<u>6.9752</u>	<u>0.5813</u>
	<u>ITC Component:</u>						
9	Debt	895,370	45.9193	3.91	1.7972	0.0004	
10	Equity-Preferred	0	0.0000	0.00	0.0000	0.0000	
11	-Common	1,054,506	<u>54.0807</u>	10.25	<u>5.5433</u>	<u>0.0018</u>	
12		<u>1,949,876</u>	<u>100.0000</u>		<u>7.3405</u>	<u>0.0022</u>	
	<u>Breakdown of Revenue Requirement Rate of Return between Debt and Equity:</u>						
13	Total Debt Component (Lines 1, 2, 5, and 9)					1.3928	0.1161
14	Total Equity Component (Lines 3, 4, 10, and 11)					<u>5.5824</u>	0.4652
15	Total Revenue Requirement Rate of Return					<u>6.9752</u>	<u>0.5813</u>

Column:

- (1) Based on the May 2019 Surveillance Report, Schedule 4.
 Adjusted to achieve the 53.5% equity ratio as prescribed in the 2018 Tax Reform Settlement Agreement in Docket No. 20180039-EI.
- (2) Column (1) / Total Column (1)
- (3) Based on the May 2019 Surveillance Report, Schedule 4.
- (4) Column (2) x Column (3)
- (5) For equity components: Column (4) / (1-.25345); 25.345% = effective income tax rate
 For debt components: Column (4)
- (6) Column (5) / 12

Gulf Power Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
 For Program: Scheer - Air Quality Compliance and CCR Programs
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected 12-Month Total
1 Investments		0	50,075	549,187	1,015,434	703,431	1,466,131	595,222	1,856,210	1,821,014	1,808,768	1,553,608	1,508,160	13,387,239	
a Expenditures/Additions		0	5,095	37,092	1,262	11,422,390	1,117,528	0	0	0	923,802	0	0	13,507,169	
b Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c Retirements		0	276,023	210,306	1,073,665	960,882	1,515	0	0	0	0	0	0	2,522,392	
d Other		0	184,504,377	184,504,377	184,546,364	184,547,825	195,970,215	197,087,743	197,087,743	197,087,743	198,011,545	198,011,545	198,011,545	198,011,545	
2 Plant-in-Service/Depreciation Base		(28,431,526)	(28,765,225)	(28,882,904)	(28,946,339)	(28,206,450)	(27,589,624)	(27,943,452)	(28,299,800)	(28,656,149)	(29,012,497)	(29,369,677)	(29,727,688)	(30,085,699)	
3 Less: Accumulated Depreciation		16,303	16,303	15,924	15,924	15,924	15,924	15,924	15,740	174,388	173,976	173,636	173,240		
4 Working Capital (Emissions)		1,699,5494	1,699,5494	17,500,474	18,012,369	19,026,741	8,307,782	8,656,385	9,251,607	11,107,817	12,928,331	13,813,797	15,367,405	16,875,565	
5 CWP - Non Interest Bearing		173,084,647	172,750,949	173,203,344	173,628,717	175,384,041	176,704,297	177,816,601	178,055,290	179,715,368	181,178,466	182,629,641	183,824,919	184,974,651	
6 Net Investment (Lines 2 + 3 + 4 + 5)															
7 Average Net Investment		172,917,798	172,977,147	173,416,031	174,506,379	176,044,169	177,260,449	177,935,946	178,884,629	180,446,217	181,904,053	183,227,280	184,399,785		
8 Return on Average Net Investment															
a Equity Component (Line 7 x Equity Component x 1/12)		799,033	799,327	801,555	806,394	813,500	819,121	827,758	832,171	839,436	846,218	852,373	857,828	9,894,535	
b Debt Component (Line 7 x Debt Component x 1/12)		197,472	197,540	198,041	199,286	201,042	202,431	206,584	207,685	209,498	211,191	212,727	214,088	2,457,586	
9 Investment Expenses															
a Depreciation		330,678	330,683	330,721	330,756	341,037	352,323	353,328	353,328	353,328	354,160	354,991	354,991	4,140,326	
b Amortization		247	247	247	247	247	247	247	247	247	247	247	247	2,966	
c Dismantlement		2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	33,273	
d Property Taxes		44,221	44,221	44,221	44,221	44,221	44,221	44,221	44,221	44,221	44,221	44,221	44,221	530,651	
e Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
10 O&M and Emissions															
a O&M Expense		87,420	308,829	401,762	85,521	321,081	181,336	208,916	154,292	131,730	80,546	72,126	(32,125)	2,001,433	
b Emissions Expense		0	0	481	0	0	0	0	708	708	650	699	548	4,497	
11 Total System Recoverable Expenses (Lines 8 + 9 + 10)		1,461,864	1,683,620	1,779,602	1,469,197	1,723,901	1,602,452	1,644,535	1,595,425	1,581,883	1,540,053	1,540,053	1,442,726	19,065,265	
a Recoverable Costs Allocated to Energy		192,834	44,438	504,362	178,620	431,022	284,870	317,589	262,783	241,469	191,050	183,135	179,564	3,281,936	
b Recoverable Costs Allocated to Demand		1,269,031	1,269,182	1,275,040	1,290,577	1,292,879	1,317,582	1,326,945	1,332,643	1,340,414	1,349,003	1,336,872	1,363,162	15,783,329	
12 Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9753243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171		
13 Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277		
14 Retail Energy-Related Recoverable Costs		187,683	403,900	49,179	174,221	420,114	278,283	309,903	256,459	235,505	186,246	178,121	177,311	3,199,540	
15 Retail Demand-Related Recoverable Costs		1,233,279	1,233,427	1,239,119	1,234,219	1,236,446	1,280,462	1,289,562	1,295,099	1,302,651	1,318,645	1,324,759	1,338,676		
16 Total Jurisdictional Recoverable Costs (Lines 14 + 15)		1,420,962	1,637,326	1,730,914	1,428,440	1,676,570	1,558,745	1,599,465	1,551,558	1,538,556	1,497,244	1,496,766	1,402,069	18,538,216	
17 Scherer/Flint Credit(24%)		341,031	392,958	415,419	342,826	402,377	374,099	383,872	372,374	369,158	359,339	359,224	336,497	4,449,172	

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Environmental Cost
Recovery Clause)

Docket No.: **20190007-EI**

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 26th day of July, 2019 to the following:

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