Susan D. Ritenour Secretary and Treasurer and Regulatory Manager One Energy Place Pensacola, Florida 32520-0781

Tel 850.444.6231 Fax 850.444.6026 SDRITENO@southernco.com RECK 180

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COmmission CLERK



March 31, 2011

111095-EQ

Ms. Ann Cole Commission Clerk Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee FL 32399-0870

Dear Ms. Cole:

Enclosed for official filing are an original and fifteen copies of Gulf Power Company's Petition for Approval of a New Standard Offer for Purchase of Firm Capacity and Energy from Renewable Energy Facilities or Small Qualifying Facilities and Approval of Revised Tariff Schedule REF-1. This filing is made pursuant to Section 366.91, Florida Statutes, and Rules 25-17.200 – 25-17.310, Florida Administrative Code.

Also enclosed is a CD containing the Petition in Microsoft Word format as prepared on a Windows NT based computer.

Sincerely,

ADM

CLK

COM __ Enclosure

APA __ cc: Beggs & Lane
GCL __ Jeffrey A. Stone, Esq.

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DOCUMENT NUMBER-DATE
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FPSC-COMMISSION CLERE

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition of Gulf Power Company)	
For Approval of a Standard Offer Contract)	HOME TO
For Purchase of Firm Capacity and Energy)	Docket No.: 10095-EQ
From Renewable Energy Facilities or Small)	Filed: March 31, 2011
Qualifying Facilities and Approval of Tariff)	
Schedule REF-1)	
)	

GULF POWER COMPANY'S PETITION FOR APPROVAL OF A NEW STANDARD OFFER FOR PURCHASE OF FIRM CAPACITY AND ENERGY FROM RENEWABLE ENERGY FACILITIES OR SMALL QUALIFYING FACILITIES AND APPROVAL OF REVISED TARIFF SCHEDULE REF-1

Gulf Power Company ("Gulf Power," or "the Company"), pursuant to section 366.91, Florida Statutes, and Rules 25-17.200-25-17.310, Florida Administrative Code, petitions the Florida Public Service Commission ("the Commission") to approve a new Standard Offer Contract for Purchase of Firm Capacity and Energy from Renewable Energy Facilities or Small Qualifying Facilities ("Renewable Standard Offer Contract") and associated revised tariff schedule REF-1. As grounds therefore, the Company says:

1. The name, address, telephone number and facsimile number of the Petitioner are:

Gulf Power Company One Energy Place Pensacola, Florida 32520-0780 (850) 444-6231 (850) 444-6026 (fax)

2. Gulf Power is a public utility subject to the jurisdiction of the Commission under Chapter 366, Florida Statutes.

DOCUMENT NUMBER-DATE

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FPSC-COMMISSION CLERK

3. All notices, pleadings and correspondence required to be served on the Petitioner should be directed to:

Jeffrey A. Stone Russell A. Badders Steven R. Griffin Beggs & Lane 501 Commendencia Street Pensacola, Florida 32502 (850) 432-2451 Susan D. Ritenour Secretary and Treasurer Gulf Power Company One Energy Place Pensacola, Florida 32520-0780 (850) 444-6231 (850) 444-6026 (fax)

- 4. On February 22, 2007, the Commission adopted amendments to Rule 25-17.0832, F.A.C. and new Rules 25-17.200 25-17.310, F.A.C., relating to renewable generating facilities. The rules require, *inter alia*, that each investor-owned utility file with the Commission, by April 1 of each year, a standard offer contract or contracts for the purchase of firm capacity and energy from renewable generating facilities and small qualifying facilities with a design capacity of 100 kW or less.
- 5. Rule 25-17.250(1), F.A.C, requires investor-owned utilities to file a separate standard offer contract based on the next avoidable fossil fueled generating unit of each technology type identified in the utility's Ten-Year Site Plan. The rule further provides that "[e]ach investor-owned utility with no planned generating unit identified in its Ten-Year Site Plan shall submit a standard offer based on avoiding or deferring a planned purchase." Rule 25-17.250(1), F.A.C.
- 6. In Order No. PSC-10-0466-TRF-EQ, the Commission approved Gulf Power Company's Renewable Standard Offer Contract and accompanying rate schedule REF-1 which was filed with the Commission on April 1, 2010. (the "2010 Standard Offer Contract"). As explained in Order No. PSC-10-0466-TRF-EQ, Gulf Power's 2010 Ten-Year Site Plan did not include any avoidable fossil fueled generating units, nor were there any planned purchases to be avoided or deferred during the 2010-2019 planning period. Consequently, in an effort to

promote renewable generation, Gulf proposed to use a 365 MW combustion turbine ("CT") generating facility with an assumed in-service date of June 1, 2020, as the basis for pricing the Company's 2010 Renewable Standard Offer Contract. While the assumed in-service date for the designated CT facility did not fall within the 2010-2019 planning period, CT capacity was the next potential resource need for Gulf identified through its normal generation planning process.

- 7. Like Gulf Power's 2010 Ten-Year Site Plan, Gulf's 2011 Ten-Year Site Plan does not include any avoidable fossil fueled generating units, nor are there any planned purchases to be avoided or deferred during the 2011-2020 planning period.
- 8. Notwithstanding the absence of planned fossil fueled generating units or avoidable planned purchases of generation during the 2011-2020 planning period, Section 366.91(3), Florida Statutes, requires that public utilities "continuously offer a purchase contract to producers of renewable energy." Therefore, in order to provide a continuous offer as required by statute, Gulf Power proposes to use a 366 MW combustion turbine ("CT") generating facility with an assumed in-service date of June 1, 2022, as the basis for pricing the Company's proposed 2011 Renewable Standard Offer Contract. While the assumed in-service date for the designated CT facility does not fall within the 2011-2020 planning period, CT capacity is the next potential resource need for Gulf identified through its normal generation planning process.
- 9. Attached to this petition as Composite Exhibit "A" are clean copies of Revised Sheets 9.81-9.82, 9.85, 9.90-9.91, 9.93-9.94, 9.97, 9.99-9.100, 9.102-9.104, 9.106-9.109, and 9.114. Attached to this petition as Composite Exhibit "B" are copies of the same documents in

¹ In Order No. PSC-10-0466-TRF-EQ, the Commission recognized that, [w]ithout an avoidable unit to serve as the basis for capacity payments, Gulf had the option of filing a standard offer contract offering energy payments only, at the as-available rate. In an effort to promote renewable generation, however, Gulf has identified a pair of units beyond the ten year planning horizon as the next possible avoidable units." <u>Id</u>. at 2. As was true in 2010, Gulf continues its desire to promote renewable generation and has therefore decided to propose a standard offer contract that offers both energy and capacity payments.

legislative format. Attached to this petition as Exhibit "C" are economic/financial assumptions associated with the CT capacity proposed as the basis for Gulf's 2011 Renewable Standard Offer Contract ("avoided unit"). The revisions included in Composite Exhibit "A" are intended to reflect current economic and financial assumptions for the avoided unit. Gulf has also proposed minor revisions to the contract and associated rate schedule to clarify the interconnection requirements for Renewable Energy Facilities desiring to deliver energy and capacity to the Company. These revisions are intended for clarification purposes only and do not confer or impose any additional rights or obligations beyond those which exist under Gulf's current Renewable Standard Offer Contract and existing law. The proposed revisions conform to all of the Commission's rules governing standard offers and tariffs including Rules 25-17.200 - 25-17.310, F.A.C. The revisions included in Composite Exhibit "A," along with existing Sheets numbered 9.83-9.84, 9.86 -9.89, 9.92, 9.95-9.96, 9.98, 9.101, 9.105, 9.110-9.113 constitute Gulf Power's new Renewable Standard Offer Contract and rate schedule REF-1.

- 10. According to Rule 25-17.290, F.A.C., "[a]n investor-owned utility shall not impose any imputed debt equivalent adjustments (equity adjustments) to reduce the avoided costs paid to a renewable generating facility unless the utility has demonstrated the need for the adjustment and obtained the prior approval of the Commission." Gulf Power continues to believe equity adjustments are necessary and appropriate in some instances. Gulf Power is not seeking approval of an equity adjustment at this time. In the event that Gulf Power determines an equity adjustment is necessary in the future, Gulf will return to the Commission for approval pursuant to Rule 25-17.290.
- 11. Gulf Power is not aware of any disputed issues of material fact relative to the subject matter of this petition.

WHEREFORE, Gulf Power respectfully requests that the Commission grant this

Petition for Approval of its Renewable Standard Offer Contract and rate schedule REF-1.

Respectfully submitted this 31st day of March, 2011.

JEFFREY A.STONE

Florida Bar No.: 325953 **RUSSELL A. BADDERS** Florida Bar No.: 007455 **STEVEN R. GRIFFIN**

Florida Bar No.: 0627569

Beggs & Lane P.O. Box 12950

Pensacola, Florida 32591

(850) 432-2451

Attorneys for Gulf Power Company

EXHIBIT A

Tariff Sheet



Section No. IX First Revised Sheet No. 9.81 Canceling Original Sheet No. 9.81

STANDARD OFFER CONTRACT RATE FOR PURCHASE OF FIRM CAPACITY AND ENERGY FROM A RENEWABLE ENERGY FACILITY OR SMALL QUALIFYING FACILITY

(Schedule REF-1)

PAGE EFFECTIVE DATE 1 of 16

For purposes of this Rate Schedule the term "Renewable Energy Facility" means a facility that produces electrical energy from one or more of the sources stated in Florida Public Service Commission (FPSC) Rule 25-17.210 (1), Florida Administrative Code (F.A.C.). Also, the term "Small Qualifying Facility" means a facility with a design capacity of 100 KW or less as defined in FPSC Rule 25-17.080 (3), F.A.C. Both "Renewable Energy Facility" and "Small Qualifying Facility" are herein referred to as "Facility".

AVAILABILITY:

Gulf Power Company (Company) will purchase firm capacity and energy under this schedule from any Facility that produces electrical energy for delivery to the Company, irrespective of its location, which is either directly or indirectly interconnected with the Company under the provisions of this schedule. The offer to purchase such capacity and energy is continuously available to any Facility and will remain open until revised by the Company upon approval of the FPSC or until closed pursuant to FPSC Rule 25-17.250 (2), F.A.C. The Company may negotiate and contract with any Facility, irrespective of its location, which is either directly or indirect interconnected with the Company for the purchase of firm capacity and energy pursuant to FPSC Rules 25-17.240 and 25-17.0832, F.A.C.

APPLICABILITY:

This offer is applicable to any Facility meeting the requirements of FPSC Rules 25-17.210, 25-17.220, and/or 25-17.0832, F.A.C., irrespective of its location, producing capacity and energy for sale to the Company on a firm basis pursuant to the terms and conditions of this schedule and the Company's "Renewable Standard Offer Contract." Firm capacity and energy are described by the FPSC in its Rule 25-17.0832, F.A.C., and are produced and sold by a Facility pursuant to a negotiated or Renewable Standard Offer Contract and subject to certain contractual provisions as to quantity, time, and reliability of delivery.

CHARACTER OF SERVICE:

The character of service for purchases from Facilities directly interconnected with the Company shall be, at the option of the Company, single or three phase, 60 hertz, alternating current at any available standard Company voltage. The character of service for purchases from Facilities indirectly interconnected with the Company shall be three phase, 60 hertz, alternating current at the voltage level available at the interchange point between the Company and the utility delivering firm capacity and energy from the Facility.



Section No. IX Third Revised Sheet No. 9.82 Canceling Second Revised Sheet No. 9.82

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(Continued from Schedule REF-1, Sheet No. 9.81)

LIMITATIONS:

Purchases under this schedule are subject to the Company's "General Standards for Safety and Interconnection of Cogeneration and Small Power Production Facilities to the Electric Utility System" and to FPSC Rules 25-17.080 through 25-17.091, F.A.C., and are limited to those Facilities that:

- A. Beginning upon the date, as prescribed by the FPSC, that a Renewable Standard Offer is deemed available, execute the Company's Renewable Standard Offer Contract for the purchase of firm capacity and energy; and
- B. Commit to commence deliveries of firm capacity and energy no later than the date specified by the Facility's owner or representative, or the anticipated in-service date of the Company's generating facility or purchased power resource ("Avoided Unit or Resource") that is designated herein. Such deliveries will continue for a minimum of ten (10) years from the anticipated in-service date of the Company's Avoided Unit or Resource up to a maximum of the life of the Company's Avoided Unit or Resource.

DETERMINATION OF FACILITY'S COMMITTED CAPACITY VALUE

Prior to execution of a Renewable Standard Offer Contract, or negotiated contract, between the Company and a Facility, the Company will determine the Facility's capacity value in relation to the Company's Avoided Unit or Resource during the term of the contract as provided in FPSC Rules 25-17.240 (2), 25-17.250 (1), and 25-17.0832 (3) and (4) F.A.C. If it is determined by the Company that the Facility will provide capacity value, then this capacity amount will be designated as the "Committed Capacity" and will be used as the basis for capacity payments to be received by the Facility from the Company during the term of the Renewable Standard Offer Contract.

RATES FOR PURCHASES BY THE COMPANY

Firm capacity is purchased in accordance with the provisions of paragraph A below at a unit cost, in dollars per kilowatt per month, based on the value of the Avoided Unit or Resource that Gulf has designated below for purposes of the Renewable Standard Offer. The Avoided Unit is currently designated as 366 MWs of Combustion Turbine generation with a June 1, 2022 anticipated inservice date. Energy is purchased at a unit cost, in cents per kilowatt-hour, at the Company's energy rates in accordance with the provisions of paragraph B below.



Section No. IX Fourth Revised Sheet No. 9.85 Canceling Third Revised Sheet No. 9.85

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(Continued from Schedule REF-1, Sheet No. 9.84)

capacity payments made to the Facility over the term of the contract shall not exceed the cumulative present value of the capacity payments which would have been made to the Facility had such payments been made pursuant to Option 1.

All capacity payments made by the Company prior to the anticipated in-service date of the Company's Avoided Unit or Resource are considered "Early Payments". The owner, owner's representative, or operator of the Facility, as designated by the Company, shall secure its obligation to repay, with interest, the accumulated amount of Early Payments to the extent that the cumulative present value of the capacity payments made to the Facility over the term of the contract exceeds the cumulative present value of the capacity payments which would have been made to the Facility had such payments been made pursuant to Option 1, or to the extent that annual firm capacity payments made to the Facility in any year exceed that year's annual value of deferring the Company's Avoided Unit or Resource in the event the Facility defaults under the terms of its Renewable Standard Offer Contract with the Company. The Company will provide to the Facility monthly summaries of the total outstanding balance of such security obligations. A summary of the types of security instruments which are generally acceptable to the Company is set forth in Paragraph C of the SPECIAL PROVISIONS Section below.

MONTHLY CAPACITY PAYMENT RATE (MCR) BASED ON GULF'S CURRENTLY SPECIFIED AVOIDED UNIT OR RESOURCE

	Option 1	Option 2	Option 3	Option 4
June - May	Normal	Early	Levelized	Early Levelized
Contract Period	\$/KW-MO	\$/KW-MO	\$/KW-MO	\$/KW-MO
2018 to 2019	0.00	3.94	0.00	4.33
2019 to 2020	0.00	4.01	0.00	4.34
2020 to 2021	0.00	4.09	0.00	4.35
2021 to 2022	0.00	4.18	0.00	4.36
2022 to 2023	6.81	4.26	7.30	4.36
2023 to 2024	6.94	4.34	7.31	4.37
2024 to 2025	7.08	4.43	7.33	4.38
2025 to 2026	7.22	4.51	7.34	4.39
2026 to 2027	7.36	4.60	7.36	4.40
2027 to 2028	7.51	4.70	7.37	4.41
2028 to 2029	7.66	4.79	7.38	4.42
2029 to 2030	7.81	4.88	7.40	4.43
2030 to 2031	7.96	4.98	7.42	4.43
2031 to 2032	8.12	5.08	7.43	4.44



Section No. IX First Revised Sheet No. 9.90 Canceling Original Sheet No. 9.90

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(Continued from Schedule REF-1, Sheet No. 9.89)

- 3. The Facility shall agree to reduce generation or take other appropriate action as requested by the Company for safety reasons or to preserve system integrity; and
- 4. The Facility shall coordinate scheduled outages with the Company; and
- 5. The Facility shall comply with the reasonable requests of the Company regarding daily or hourly communications and;
- 6. The Facility must promptly notify the Company of its inability to supply any portion of its full Committed Capacity from the Facility. Failure of the Facility to notify the Company of a known derating or inability to meet its Committed Capacity obligation may, at the sole discretion of the Company, result in a determination of non-performance.

DELIVERY VOLTAGE ADJUSTMENT

Energy payments to Facilities directly interconnected with the Company shall be adjusted according to the delivery voltage by dividing the energy delivered at that voltage by the following factors:

Transmission Voltage Delivery 1.01801#
Substation Voltage Delivery 1.03208##
Primary Voltage Delivery 1.05862###
Secondary Voltage Delivery 1.08576###

- # Any Facility interconnected at a voltage of 46 KV or above.
- ## Any Facility interconnected at a voltage on the low side of a substation below 46 KV and above 4 KV. This substation, where the Facility takes electricity on the low side, shall have transmission voltage on the high side (115, 69, or 46 KV) and distribution voltage on the low side (25, 12, or 4 KV).
- ### Any Facility interconnected at a distribution voltage, 4 to 25 KV inclusive.
- #### Any Facility interconnected at a voltage below 4 KV.

METERING REQUIREMENTS

Facilities directly interconnected with the Company shall pay the Company for meters required hereunder. Hourly demand recording meters shall be required for each individual generator unit comprising a Facility with a total installed capacity of 100 KW or more. Where the total installed capacity of the Facility is less than 100 KW, the Facility may select from either hourly demand recording meters, dual kilowatt-hour register time-of-day meters or standard kilowatt-hour meters. Meters shall be installed to measure the energy production from each generating unit of the



Section No. IX
First Revised Sheet No. 9.91
Canceling Original Sheet No. 9.91

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(Continued from Schedule REF-1, Sheet No. 9.90)

Facility as well as net delivered energy at the point of interconnection. Purchases from Facilities indirectly interconnected with the Company shall be measured as the quantities scheduled for interchange to the Company by the utility delivering firm capacity and energy to the Company.

BILLING OPTIONS

The Facility may elect to make either simultaneous purchases and sales or net sales. The decision to change billing methods can be made once every twelve (12) months coinciding with the next Fuel and Purchased Power Cost Recovery Factor billing period providing the Company is given at least thirty days written notice before the change is to take place. In addition, allowance must be made for the installation or alteration of needed metering or interconnection equipment for which the Facility must pay; and such purchases and/or sales must not abrogate any provisions of the tariff or contract with the Company.

A statement covering the charges and payments due the Facility is rendered monthly, and payment normally is made by the twentieth business day following the end of the billing period.

CHARGES TO THE FACILITY

A. Customer Charges

Monthly customer charges for meter reading, billing and other applicable administrative costs shall be equal to the customer charge applicable to a customer receiving retail service under similar load characteristics and are as follows:

RS	\$ 10.00		
GS	13.00		
GSD	35.00	GSDT	\$ 35.00
LP	155.00	LPT	155.00
PX	566.38	PXT	566.38

B. Interconnection Charge for Non-Variable Utility Expenses

The Facility, in accordance with Rule 25-17.087, F.A.C., shall bear the cost required for interconnection including the cost of metering and the cost of accelerating construction of any transmission or distribution system improvements required in order to accommodate the location chosen by the Facility. The Facility shall have the option of payment in full for interconnection or making equal monthly installment principle payments over a thirty-six (36) month period plus interest at the then prevailing rate for thirty (30) days dealer commercial paper as published on the first day of each month in the Wall Street Journal.



Section No. IX First Revised Sheet No. 9.93 Canceling Original Sheet No. 9.93

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(Continued from Schedule REF-1, Sheet No. 9.92)

amount, the Company's estimated purchases from the Facility. The security deposit should be equal to twice the amount of the difference estimated for that month. The deposit shall be required upon interconnection.

- For each year thereafter, a review of the actual sales and purchases between the Facility and the Company shall be conducted to determine the actual month of maximum difference. The security deposit shall be adjusted to equal twice the greatest amount by which the actual monthly purchases by the Facility exceed the actual sales to the Company in that month.
- D. The Company shall specify the point of interconnection and voltage level.
- E. Facilities directly interconnected with the Company shall be required to sign the Company's filed Standard Interconnection Agreement in order to to engage in parallel operations with the Company. The Facility shall recognize that its generation equipment and other related infrastructure may have unique interconnection requirements which will be separately addressed by modifications to the Company's General Standards for Safety and Interconnection where applicable.
- F. Facilities indirectly interconnected with the Corripany are required to make all arrangements needed to deliver the capacity and energy purchased from the Facility by the Company to the Company's interchange point with the delivering utility.
- G. Service under this Schedule is subject to the rules and regulations of the Company and the FPSC as well as other applicable federal and state legislation or regulations.

SPECIAL PROVISIONS

- A. Special contracts deviating from the above Schedule are allowable provided they are agreed to by the Company and approved by the FPSC.
- B. A Facility directly interconnected with the Company may sell firm capacity and energy to a utility other than the Company. Where such agreements exist, the Company will provide transmission wheeling service to deliver the Facility's power to the purchasing utility or to an intermediate utility. In addition, the Company will provide transmission wheeling service through its territory for a Facility indirectly interconnected with the Company, for delivery of the Facility's power to the purchasing utility or to an intermediate utility. In either case, where existing Company transmission capacity exists, the Company will impose a charge for wheeling Facility capacity and energy, measured at the point of delivery to the Company.

The Facility shall be responsible for all costs associated with such wheeling including:

- Wheeling charges;
- 2. Line losses incurred by the Company; and
- Inadvertent energy flows resulting from such wheeling.



Section No. IX First Revised Sheet No. 9.94 Canceling Original Sheet No. 9.94

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(Continued from Schedule REF-1, Sheet No. 9.93)

Energy delivered to the Company shall be adjusted before delivery to another utility.

Interstate transactions are defined as those determined to be in the jurisdiction of the Federal Energy Regulatory Commission (FERC).

Capacity delivered to the Company shall be adjusted before delivery to another utility. The following estimated adjustment factors are supplied for informational purposes only:

Renewable Facility Delivery Voltage	Adjustment Factor
Transmission Voltage Delivery	0.96758
Substation Voltage Delivery	0.94103
Primary Distribution Voltage Delivery	0.91001

All charges and adjustments for wheeling will be determined on a case-by-case basis.

Where wheeling power produced by a Facility for delivery to the Company or to another utility will impair the Company's ability to give adequate service to the rest of the Company's customers or place an undue burden on the Company, the Company may petition the FPSC for a waiver of this Special Provision B, or require the Facility to pay for the necessary transmission system improvements in accordance with the National Energy Policy Act of 1992, or other applicable Federal law.

In order to establish the appropriate transmission service arrangements, the Facility must contact:

Manager Transmission Services Southern Company Services Post Office Box 2625 Birmingham AL 35202

C. As a means of protecting the Company's customers from the possibility of a Facility not coming on line as provided for under an executed Renewable Standard Offer Contract and in order to provide the Company with additional and immediately available funds for its use to secure replacement and reserve power in the event that the Facility fails to successfully complete construction and come on line in accord with the executed Renewable Standard Offer Contract, the Company requires that a cash completion security deposit equal to \$20 per kw of the nameplate capacity of the Facility's generator unit(s) at the time the Company's Renewable Standard Offer Contract is executed by the Facility. At the election of the Facility, the completion security deposit may be phased in such that one half of the total deposit due is paid at contract execution and the remainder within 12 months after contract execution.



Section No. IX Second Revised Sheet No. 9.97 Canceling First Revised Sheet No. 9.97

STANDARD OFFER CONTRACT FOR PURCHASE OF FIRM CAPACITY AND ENERGY FROM A RENEWABLE ENERGY FACILITY OR SMALL QUALIFYING FACILITY

("RENEWABLE STANDARD OFFER CONTRACT")

TH	HIS AGREEMENT is made and entered into the	his day	of	,	_ by
and be	etween,	, hereinafter r	eferred to a	s the "Facility";	and
Gulf P	ower Company, a corporation, hereinafter ref	ferred to as th	ne "Company	". The Facility	and
the Co	ompany shall collectively be referred to herein a	as the "Parties	s".		

WITNESSETH:

WHEREAS, for purposes of this contract, the term "Renewable Energy Facility" means a facility that produces electrical energy from one or more of the sources stated in Florida Public Service Commission (FPSC) Rule 25-17.210 (1), Florida Administrative Code (F.A.C.), and the term "Small Qualifying Facility" means a facility with a design capacity of 100 KW or less as defined in FPSC Rule 25-17.080 (3), F.A.C., thus, both "Renewable Energy Facility" and "Small Qualifying Facility" are herein referred to as "Facility"; and

WHEREAS, the Facility desires to sell, and the Company desires to purchase, electricity to be generated by the Facility, such sale and purchase to be consistent with FPSC Rules 25-17.080 through 25-17.091; and

WHEREAS, the Facility, in accordance with FPSC Rule 25-17.087, F.A.C., has entered into an interconnection agreement with the utility that the Facility's generating facility is directly interconnected, attached hereto as Appendix A; and

WHEREAS, the FPSC has approved the following standard contract for use in the acceptance of the Company's standard offer for the purchase of firm capacity and energy from Facilities.

NOW THEREFORE, for mutual consideration the Parties agree as follows:



Section No. IX Third Revised Sheet No. 9.99 Canceling Second Revised Sheet No. 9.99

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(Continued from Standard Offer Contract, Sheet No. 9.98)
The entire Facility, whether comprised in whole or in part of the generator units set forth above, is designed to produce a maximum of kilowatts (KW) of electric power at an 85% power factor. Hereinafter, the designated generator units listed above and related equipment will be collectively referred to as "Facility."
2. Term of the Agreement This Agreement shall begin immediately upon its execution and the contemporaneous payment by the Facility to the Company of a completion security deposit in the amount of \$20.00 times each KW of nameplate capacity of the Facility's generator unit(s). This Agreement shall end at 12:01 A.M.,, 20 (date specified shall be no earlier than May 31, 2032). Notwithstanding the foregoing, if construction and commercial operation of the Facility are not
accomplished before June 1, 2022, the Company's obligations to the Facility under this Agreement shall be considered to be of no force and effect. The Company shall be entitled to retain and use the funds required by the Company as a completion security deposit under this section of the Agreement.
At the election of the Facility, the completion security deposit may be phased in such that one half of the total deposit due is paid upon contract execution and the remainder is to be paid within 12 months after contract execution. If the Facility elects to phase in payment of the completion security deposit due under this paragraph, the effective date of the contract shall be the date of execution provided, however, that the Company shall have no further obligation to the Facility if either installment of the completion security deposit is not timely received by the Company.



Section No. IX Second Revised Sheet No. 9.100 Canceling First Revised Sheet No. 9.100

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(Continued from Standard Offer Contract, Sheet No. 9.99)

Depending on the nature of the Facility's operation, financial health and solvency, and its ability to meet the terms and conditions of this Agreement, one of the following, at the Company's discretion in accordance with the provisions of Schedule REF-1, may be used as an alternative to a cash deposit as a means of securing the completion of the Facility's project in accord with this Agreement:

- (a) an unconditional, irrevocable direct pay letter; or
- (b) surety bond; or
- (c) other means acceptable to the Company.

In the case of a governmental solid waste facility, pursuant to FPSC Rule 25-17.091, F.A.C., the following will be acceptable to the Company: the unsecured promise of a municipal, county, or state government to pay the actual damages incurred by the Company because the governmental facility fails to come on line prior to June 1, 2022.

The specific	completion	security veni	cie agreed upo	on by the parties	s is:	
 				~~ ***********************************		***************************************

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(IN ORDER FOR THIS FORM OF CONTRACT TO BE USED TO TENDER ACCEPTANCE OF THE COMPANY'S STANDARD OFFER BY A FACILITY OTHER THAN A GOVERNMENTAL SOLID WASTE FACILITY, THE ABOVE LINE MUST SPECIFY CASH DEPOSIT IN THE APPROPRIATE AMOUNT UNLESS THE FACILITY HAS SECURED THE PRIOR WRITTEN CONSENT FROM THE COMPANY TO AN ALTERNATIVE COMPLETION SECURITY VEHICLE.)

3. Sale of Electricity by the Facility

The Company agrees to purchase electric power generated at the Facility and transmitted to the Company by the Facility. The purchase and sale of electricity pursuant to this Agreement shall be in accordance with the following billing methodology (choose one):

- () Net Billing Arrangement; or
- () Simultaneous Purchase and Sales Arrangement.



Section No. IX Second Revised Sheet No. 9.102 Canceling First Revised Sheet No. 9.102

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(Continued from Standard Offer Contract, Sheet No. 9.101)
For all energy delivered by the Facility to the Company, the Facility elects to be paid pursuant
to the method described in:
Paragraph B (1), or
Paragraph B (3)(b),
and (if applicable);
Paragraph B (2), or
Paragraph B (3)(a)
of the RATES FOR PURCHASES BY THE COMPANY section of Schedule REF-1. If the Facility
elects any payment method under Paragraph B (3), the details underlying the derivation of the
associated energy payments will be described in an exhibit to this Standard Offer Contract. The
Company will provide the Facility an energy payment schedule for the elected payment method
within thirty (30) days after receipt of a Facility's request for such information.
4.2 <u>Capacity</u>
4.2.1 Anticipated Committed Capacity. As discussed in Schedule REF-1, if the
Company determines that the Facility's generator unit(s) provides capacity value to the Company,
the Facility is expected to sell approximately kilowatts of capacity, beginning on or about
, 20 (Date specified may not be later than June 1, 2022.)
The Facility may finalize its Committed Capacity (CC) after initial facility testing, and
specify when capacity payments are to begin, by completing Paragraph 4.2.2 at a date
subsequent to the execution of this Agreement by the parties. However, the Facility must
complete Paragraph 4.2.2 before June 1, 2022 in order to be entitled to any capacity payments
pursuant to this Agreement. The final Committed Capacity set forth in Paragraph 4.2.2 shall not
exceed plus or minus ten percent of the above estimate. The date specified in Paragraph 4.2.2 as
the date on which capacity payments shall begin shall be no earlier than the date specified above,
nor any later than June 1, 2022.



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4.2.2 Actual Committed Capacity. The capacity committed by the Facility (Committed Capacity or CC) for the purposes of this Agreement is ______ kilowatts beginning ______, _____. The Facility is committing this amount of capacity based on its agreement and commitment that this capacity will maintain an Equivalent Availability Factor (EAF) of 95%. The EAF will be based on the economic operation of a combustion turbine generating facility (Avoided Unit) that Gulf has designated as the Avoided Unit for purposes of the Standard Offer. The Facility elects to receive, and the Company agrees to commence calculating, capacity payments in accordance with this Agreement starting with the first billing month following the date specified in this paragraph as the date on which capacity sales under this Agreement will begin.

4.2.3 Capacity Payments. The Facility chooses to receive capacity payments from

4.2.3 <u>Capacity Payments</u>. The Facility chooses to receive capacity payments from the Company under Option _____ or ____ a customized payment stream as described in the Company's Schedule REF-1 of the Company Tariff for Retail Electric Service as it exists at the time this Agreement is properly submitted by the Facility to the Company as tendered acceptance of the Company Standard Offer. If the customized payment option is chosen by the Facility as the preferred capacity payment option, the details underlying the derivation of such payment stream will be described in an exhibit to this Standard Offer Contract.

The Capacity Payments to be made by the Company to the Facility are based upon the Avoided Unit that the Company has designated for purposes of the Standard Offer. The Capacity Payments to the Facility are based on a two unit Combustion Turbine generating facility with the following economic assumptions:

Size: 366 MW total
Discount Rate: 7.94%
Annual Inflation: 1.96%
Appual Capacity Factor: 10%

Annual Capacity Factor: 10% Equivalent Availability: 95%

Installed Costs (2022): \$875/kw

AFUDC Rate: 9.31% K-factor: 1.3502

Fixed O & M: \$8.00/kw-yr

Unit Life: 40 years



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(Continued from Standard Offer Contract, Sheet No. 9.103)

The Company agrees it will pay the Facility a capacity payment. This capacity payment will be the product of the Facility's Committed Capacity and the applicable rate from the Facility's chosen capacity payment option in accordance with the Company's Schedule REF-1, as it exists at the time this Agreement is properly submitted by the Facility to the Company as tendered acceptance of the Company's Standard Offer. In the event either: (1) the date specified in Section 2 of this Agreement is later than June 1, 2032; or (2) the date specified in Paragraph 4.2.2 as the date capacity payments are to begin is one other than the dates shown in Schedule REF-1, a payment schedule will be calculated by the Company and attached to this agreement as Exhibit D. Under those circumstances, the payment schedule set forth in Exhibit D will be used in the calculation of capacity payments pursuant to this paragraph. The Company will provide the Facility a capacity payment schedule for the chosen payment method within thirty (30) days after receipt of a Facility's request for such information. The capacity payment for a given month will be added to the energy payment for such month and tendered by the Company to the Facility as a single payment as promptly as possible, normally by the twentieth business day following the day the meter is read.

In October following each performance period, the Company will calculate the availability of the Facility over the most recent twelve month period ending August 31. For purposes of this Agreement, availability means Equivalent Availability Factor (EAF) as defined by the North American Electric Reliability Council Generating Availability Data System (NERC GADS) or its successor's indice. If the availability (EAF) of the Facility is not equal to or greater than 0.95 (95%), then the Facility will repay the Company a portion of the performance period capacity payments as calculated in accordance with the procedure detailed in the **ANNUAL CAPACITY AVAILABILITY FACTOR DETERMINATION** section of Rate Schedule REF-1.



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(Continued from Standard Offer Contract, Sheet No. 9.105)

- (e) Comply with reasonable requirements of the Company regarding day-to-day or hourby-hour communications between the parties relative to the performance of this Agreement; and
- (f) Promptly notify the Company of the Facility's inability to supply any portion of its Committed Capacity from the facility. (Failure of the Facility to notify the Company of a known derating or inability to supply its full Committed Capacity from the facility may, at the sole discretion of the Company, result in a determination of non-performance.)

7. The Facility's Obligation if the Facility Receives Early Capacity Payments

The Facility's payment option choice pursuant to paragraph 4.2.3 may result in payment by the Company for capacity delivered prior to June 1, 2022. The parties recognize that capacity payments received for any period through May 31, 2022, are in the nature of "early payment" for a future capacity benefit to the Company. To ensure that the Company will receive a capacity benefit for which early capacity payments have been made, or alternatively, that the Facility will repay the amount of early payments received to the extent the capacity benefit has not been conferred, the following provisions will apply:

The Company shall establish a Capacity Account. Amounts shall be added to the Capacity Account for each month through May 2022, in the amount of the Company's capacity payments made to the Facility pursuant to the Facility's chosen payment option from Schedule REF-1 or Exhibit D if applicable. The monthly balance in the Capacity Account shall accrue interest at the rate then prevailing for thirty (30) days highest grade commercial paper; such rate is to be determined by the Company thirty days prior to the date of each payment or posting of interest to the account. Commencing on June 1, 2022, there shall be deducted from the Capacity Account an Early Payment Offset Amount to reduce the balance in the Capacity Account. Such Early Payment Offset Amount shall be equal to that amount which the Company would have paid for



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(Continued from Standard Offer Contract, Sheet No. 9.107)

capacity in that month if the capacity payment had been calculated pursuant to Option 1 in Schedule REF-1 and the Facility had elected to begin receiving payment on June 1, 2022 minus the monthly capacity payment the Company makes to the Facility pursuant to the capacity payment option chosen by the Facility in paragraph 4.2.3.

The Facility shall owe the Company and be liable for the outstanding balance in the Capacity Account. The Company agrees to notify the Facility monthly as to the current Capacity Account balance. Prior to receipt of early capacity payments, the Facility shall execute a promise to repay any outstanding balance in the Capacity Account in the event the Facility defaults pursuant to this Agreement. Such promise shall be secured by means mutually acceptable to the Parties and in accordance with the provisions of Schedule REF-1.

The specific repayment assurance selected for purposes of this Agreement is:

Any outstanding balance in the Capacity Account shall immediately become due and payable, in full, in the event of default by the Facility or at the conclusion of the term of this Agreement. The Facility's obligation to pay the balance in the Capacity Account shall survive termination of this Agreement.

8. Non-Performance Provisions

The Facility shall be entitled to receive a complete refund of the security deposit described in Section 2 of this contract (or in the event an alternative completion security vehicle is in effect, release of that completion security) upon achieving commercial in-service status (which, for purposes of this Agreement, shall include the demonstration of capability to perform by actual delivery of electricity to the Company) provided that this occurs prior to June 1, 2022 and that said



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(Continued from Standard Offer Contract, Sheet No. 9.107)

commercial in-service status is maintained from the date of initial demonstration to, through and including June 1, 2022. The Facility shall not be entitled to any of its security deposit if it fails to achieve commercial in-service status prior to June 1, 2022 and maintain that status to, through and including said date. Additionally, once construction of the facility or any additions necessary for the Facility to have the capability to deliver the anticipated committed capacity and energy to the Company from the facility has commenced, the Facility will allow Company representatives to review quarterly the construction progress to provide the Company with a level of assurance that the Facility will be capable of delivering the anticipated committed capacity from the facility on or before June 1, 2022.

Additionally, failure of the Facility to notify the Company of a known derating or inability to supply its full Committed Capacity from the facility may, at the sole discretion of the Company, result in a determination of non-performance. Upon such determination by the Company, capacity payments to the Facility shall be suspended for a period of time equal to the time of the known derating or inability to supply the full Committed Capacity from the facility or six months, whichever shall be longer.

Default

9.1 <u>Mandatory Default</u>. The Facility shall be in default under this Agreement if: (1) Facility either voluntarily declares bankruptcy or becomes subject to involuntary bankruptcy proceedings; or (2) Facility ceases all electric generation for either of the Company's peak generation planning periods (summer or winter) occurring in a consecutive 12 month period. For purposes of this Agreement, the Company's summer peak generation planning period shall be May through September and the Company's winter peak generation planning period shall be December through February. The months included in the Company's peak generation planning periods may be changed, at the sole discretion of the Company, upon 12 months prior notice to the Facility.



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(Continued from Standard Offer Contract, Sheet No. 9.108)

9.2 Optional Default. The Company may declare the Facility to be in default if: (1) at any time prior to June 1, 2022 and after capacity payments have begun, the Company has sufficient reason to believe that the Facility is unable to deliver its Committed Capacity from the facility; (2) because of a Facility's refusal, inability or anticipatory breach of obligation to deliver its Committed Capacity after June 1, 2022; or (3) the Company has made three or more determinations of non-performance due to the failure of the Facility to notify the Company of a known derating or inability to supply Committed Capacity during any eighteen month period.

10. General Provisions

- 10.1 <u>Permits</u>. The Facility hereby agrees to seek to obtain any and all governmental permits, certifications, or other authority the Facility is required to obtain as a prerequisite to engaging in the activities provided for in this Agreement. The Company hereby agrees to seek to obtain any and all governmental permits certifications or other authority the Company is required to obtain as a prerequisite to engaging in the activities provided for in this Agreement.
- 10.2 Indemnification. The Facility agrees to indemnify and save harmless the Company, its subsidiaries or affiliates, and their respective employees, officers, and directors, against any and all liability, loss, damage, cost or expense which the Company, its subsidiaries, affiliates, and their respective employees, officers, and directors may hereafter incur, suffer or be required to pay by reason of negligence on the part of the Facility in performing its obligations pursuant to this Agreement or the Facility's failure to abide by the provisions of this Agreement. The Company agrees to indemnify and save harmless the Facility against any and all liability, loss, damage, cost or expense which the Facility may hereafter incur, suffer or be required to pay by reason of negligence on the part of the Company in performing its obligations pursuant to this Agreement or the Company's failure to abide by the provision of this Agreement. The Facility agrees to include the Company as an additional named insured in any liability insurance policy or policies the Facility obtains to protect the Facility's interests with respect to the Facility's indemnity and hold harmless assurances to parties contained in this Section.



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(Continued from Standard Offer Contract, Sheet No. 9.113)

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized officers.

Ву:	
- j.	(Signature)
	(Print or Type Name)
Title:	
Date:	
FAOU	IT.V
FACIL	ITY
FACIL By:	!TY

Date: _____

GULF POWER COMPANY

Legislative Format



Section No. IX

<u>First RevisedOriginal</u> Sheet No. 9.81

<u>Canceling Original Sheet No.</u> 9.81

STANDARD OFFER CONTRACT RATE FOR PURCHASE OF FIRM CAPACITY AND ENERGY FROM A RENEWABLE ENERGY FACILITY OR SMALL QUALIFYING FACILITY

(Schedule REF-1)

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For purposes of this Rate Schedule the term "Renewable Energy Facility" means a facility that produces electrical energy from one or more of the sources stated in Florida Public Service Commission (FPSC) Rule 25-17.210 (1), Florida Administrative Code (F.A.C.). Also, the term "Small Qualifying Facility" means a facility with a design capacity of 100 KW or less as defined in FPSC Rule 25-17.080 (3), F.A.C. Both "Renewable Energy Facility" and "Small Qualifying Facility" are herein referred to as "Facility".

AVAILABILITY:

Gulf Power Company (Company) will purchase firm capacity and energy under this schedule from any Facility that produces electrical energy for delivery to the Company, irrespective of its location, which is either directly or indirectly interconnected with the Company under the provisions of this schedule. The offer to purchase such capacity and energy is continuously available to any Facility and will remain open until revised by the Company upon approval of the FPSC or until closed pursuant to FPSC Rule 25-17.250 (2), F.A.C. The Company may negotiate and contract with any Facility, irrespective of its location, which is either directly or indirect interconnected with the Company for the purchase of firm capacity and energy pursuant to FPSC Rules 25-17.240 and 25-17.0832, F.A.C.

APPLICABILITY:

This offer is applicable to any Facility meeting the requirements of FPSC Rules 25-17.210, 25-17.220, and/or 25-17.0832, F.A.C., irrespective of its location, producing capacity and energy for sale to the Company on a firm basis pursuant to the terms and conditions of this schedule and the Company's "Renewable Standard Offer Contract." Firm capacity and energy are described by the FPSC in its Rule 25-17.0832, F.A.C., and are produced and sold by a Facility pursuant to a negotiated or Renewable Standard Offer Contract and subject to certain contractual provisions as to quantity, time, and reliability of delivery.

CHARACTER OF SERVICE:

The character of service for purchases from Facilities directly interconnected with within the territory served by the Company shall be, at the option of the Company, single or three phase, 60 hertz, alternating current at any available standard Company voltage. The character of service for purchases from Facilities indirectly interconnected withoutside the territory served by the Company shall be three phase, 60 hertz, alternating current at the voltage level available at the interchange point between the Company and the utility delivering firm capacity and energy from the Facility.



Section No. IX

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(Continued from Schedule REF-1, Sheet No. 9.81)

LIMITATIONS:

Purchases under this schedule are subject to the Company's "General Standards for Safety and Interconnection of Cogeneration and Small Power Production Facilities to the Electric Utility System" and to FPSC Rules 25-17.080 through 25-17.091, F.A.C., and are limited to those Facilities that:

- A. Beginning upon the date, as prescribed by the FPSC, that a Renewable Standard Offer is deemed available, execute the Company's Renewable Standard Offer Contract for the purchase of firm capacity and energy; and
- B. Commit to commence deliveries of firm capacity and energy no later than the date specified by the Facility's owner or representative, or the anticipated in-service date of the Company's generating facility or purchased power resource ("Avoided Unit or Resource") that is designated herein. Such deliveries will continue for a minimum of ten (10) years from the anticipated in-service date of the Company's Avoided Unit or Resource up to a maximum of the life of the Company's Avoided Unit or Resource.

DETERMINATION OF FACILITY'S COMMITTED CAPACITY VALUE

Prior to execution of a Renewable Standard Offer Contract, or negotiated contract, between the Company and a Facility, the Company will determine the Facility's capacity value in relation to the Company's Avoided Unit or Resource during the term of the contract as provided in FPSC Rules 25-17.240 (2), 25-17.250 (1), and 25-17.0832 (3) and (4) F.A.C. If it is determined by the Company that the Facility will provide capacity value, then this capacity amount will be designated as the "Committed Capacity" and will be used as the basis for capacity payments to be received by the Facility from the Company during the term of the Renewable Standard Offer Contract.

RATES FOR PURCHASES BY THE COMPANY

Firm capacity is purchased in accordance with the provisions of paragraph A below at a unit cost, in dollars per kilowatt per month, based on the value of the Avoided Unit or Resource that Gulf has designated below for purposes of the Renewable Standard Offer. The Avoided Unit is currently designated as 3665 MWs of Combustion Turbine generation with a June 1, 20220 anticipated inservice date. Energy is purchased at a unit cost, in cents per kilowatt-hour, at the Company's energy rates in accordance with the provisions of paragraph B below.



Section No. IX

<u>FourthThird</u> Revised Sheet No. 9.85

Canceling <u>ThirdSecond</u> Revised Sheet No. 9.85

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(Continued from Schedule REF-1, Sheet No. 9.84)

capacity payments made to the Facility over the term of the contract shall not exceed the cumulative present value of the capacity payments which would have been made to the Facility had such payments been made pursuant to Option 1.

All capacity payments made by the Company prior to the anticipated in-service date of the Company's Avoided Unit or Resource are considered "Early Payments". The owner, owner's representative, or operator of the Facility, as designated by the Company, shall secure its obligation to repay, with interest, the accumulated amount of Early Payments to the extent that the cumulative present value of the capacity payments made to the Facility over the term of the contract exceeds the cumulative present value of the capacity payments which would have been made to the Facility had such payments been made pursuant to Option 1, or to the extent that annual firm capacity payments made to the Facility in any year exceed that year's annual value of deferring the Company's Avoided Unit or Resource in the event the Facility defaults under the terms of its Renewable Standard Offer Contract with the Company. The Company will provide to the Facility monthly summaries of the total outstanding balance of such security obligations. A summary of the types of security instruments which are generally acceptable to the Company is set forth in Paragraph C of the SPECIAL PROVISIONS Section below.

MONTHLY CAPACITY PAYMENT RATE (MCR) BASED ON GULF'S CURRENTLY SPECIFIED AVOIDED UNIT OR RESOURCE

June - May <u>Contract Period</u>	Option 1 Normal <u>\$/KW-MO</u>	Option 2 Early <u>\$/KW-MO</u>	Option 3 Levelized <u>\$/KW-MO</u>	Option 4 Early Levelized \$/KW-MO
2016 to 2017	0.00	3.73	0.00	4.04
2017 to 2018	0.00	3.79	0.00	4.05
2018 to 2019	0.00	3.94 3.86	0.00	4.334.06
2019 to 2020	0.00	4.013.93	0.00	<u>4.34</u> 4.07
2020 to 2021	<u>0.006.38</u>	4.094.00	<u>0.006.77</u>	4.354.08
2021 to 2022	0.00 6.49	4.184.07	0.00 6.79	4.364.09
2022 to 2023	<u>6.816.61</u>	<u>4.264.14</u>	7.30 6.80	<u>4.36</u> 4.10
2023 to 2024	<u>6.94</u> 6.72	<u>4.34</u> 4.21	<u>7.316.82</u>	<u>4.37</u> 4. 11
2024 to 2025	7.086.84	<u>4.43</u> 4 .28	<u>7.33</u> 6.84	<u>4.38</u> 4.12
2025 to 2026	7.22 6.96	<u>4.51</u> 4.36	<u>7.346.85</u>	<u>4.394.13</u>
2026 to 2027	<u>7.367.08</u>	<u>4.60</u> 4.44	<u>7.366.87</u>	<u>4.404.14</u>
2027 to 2028	<u>7.51</u> 7.21	<u>4.70</u> 4.51	<u>7.376.89</u>	<u>4.41</u> 4.16
2028 to 2029	7.66 7.34	<u>4.79</u> 4 .59	7.38 6.91	<u>4.42</u> 4 .17
2029 to 2030	7.81 7.46	4.884.67	7.406.92	<u>4.43</u> 4 .18
2030 to 2031	7.96	4.98	7.42	4,43
2031 to 2032	8.12	5.08	7.43	4.44



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(Continued from Schedule REF-1, Sheet No. 9.89)

- 3. The Facility shall agree to reduce generation or take other appropriate action as requested by the Company for safety reasons or to preserve system integrity; and
- 4. The Facility shall coordinate scheduled outages with the Company; and
- 5. The Facility shall comply with the reasonable requests of the Company regarding daily or hourly communications and;
- 6. The Facility must promptly notify the Company of its inability to supply any portion of its full Committed Capacity from the Facility. Failure of the Facility to notify the Company of a known derating or inability to meet its Committed Capacity obligation may, at the sole discretion of the Company, result in a determination of non-performance.

DELIVERY VOLTAGE ADJUSTMENT

Energy payments to Facilities <u>directly interconnected with the within the Company's service territory</u> shall be adjusted according to the delivery voltage by dividing the energy delivered at that voltage by the following factors:

Transmission Voltage Delivery	1.01801#
Substation Voltage Delivery	1.03208##
Primary Voltage Delivery	1.05862###
Secondary Voltage Delivery	1.08576####

- # Any Facility interconnected at a voltage of 46 KV or above.
- ## Any Facility interconnected at a voltage on the low side of a substation below 46 KV and above 4 KV. This substation, where the Facility takes electricity on the low side, shall have transmission voltage on the high side (115, 69, or 46 KV) and distribution voltage on the low side (25, 12, or 4 KV).
- ### Any Facility interconnected at a distribution voltage, 4 to 25 KV inclusive.
- #### Any Facility interconnected at a voltage below 4 KV.

METERING REQUIREMENTS

Facilities <u>directly interconnected withwithin the territory served by</u> the Company shall pay the Company for meters required hereunder. Hourly demand recording meters shall be required for each individual generator unit comprising a Facility with a total installed capacity of 100 KW or more. Where the total installed capacity of the Facility is less than 100 KW, the Facility may select from either hourly demand recording meters, dual kilowatt-hour register time-of-day meters or standard kilowatt-hour meters. Meters shall be installed to measure the energy production from each generating unit of the



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<u>Canceling Original Sheet No. 9.91</u>

(Continued from Schedule REF-1, Sheet No. 9.90)

Facility as well as net delivered energy at the point of interconnection. Purchases from Facilities indirectly interconnected withoutside the territory served by the Company shall be measured as the quantities scheduled for interchange to the Company by the utility delivering firm capacity and energy to the Company.

BILLING OPTIONS

The Facility may elect to make either simultaneous purchases and sales or net sales. The decision to change billing methods can be made once every twelve (12) months coinciding with the next Fuel and Purchased Power Cost Recovery Factor billing period providing the Company is given at least thirty days written notice before the change is to take place. In addition, allowance must be made for the installation or alteration of needed metering or interconnection equipment for which the Facility must pay; and such purchases and/or sales must not abrogate any provisions of the tariff or contract with the Company.

A statement covering the charges and payments due the Facility is rendered monthly, and payment normally is made by the twentieth business day following the end of the billing period.

CHARGES TO THE FACILITY

A. Customer Charges

Monthly customer charges for meter reading, billing and other applicable administrative costs shall be equal to the customer charge applicable to a customer receiving retail service under similar load characteristics and are as follows:

RS	\$ 10.00		
GS	13.00		
GSD	35.00	GSDT	\$ 35.00
LP	155.00	LPT	155.00
PX	566.38	PXT	566.38

B. Interconnection Charge for Non-Variable Utility Expenses

The Facility, in accordance with Rule 25-17.087, F.A.C., shall bear the cost required for interconnection including the cost of metering and the cost of accelerating construction of any transmission or distribution system improvements required in order to accommodate the location chosen by the Facility. The Facility shall have the option of payment in full for interconnection or making equal monthly installment principle payments over a thirty-six (36) month period plus interest at the then prevailing rate for thirty (30) days dealer commercial paper as published on the first day of each month in the <u>Wall Street Journal</u>.



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<u>Canceling Original Sheet No. 9.93</u>

(Continued from Schedule REF-1, Sheet No. 9.92)

amount, the Company's estimated purchases from the Facility. The security deposit should be equal to twice the amount of the difference estimated for that month. The deposit shall be required upon interconnection.

- For each year thereafter, a review of the actual sales and purchases between the Facility and the Company shall be conducted to determine the actual month of maximum difference. The security deposit shall be adjusted to equal twice the greatest amount by which the actual monthly purchases by the Facility exceed the actual sales to the Company in that month.
- D. The Company shall specify the point of interconnection and voltage level.
- E. Facilities <u>directly interconnected withwithin the territory served by</u> the Company shall be required to sign the Company's filed Standard Interconnection Agreement in order to to engage in parallel operations with the Company. The Facility shall recognize that its generation equipment and other related infrastructure may have unique interconnection requirements which will be separately addressed by modifications to the Company's General Standards for Safety and Interconnection where applicable.
- F. Facilities indirectly interconnected with the Company are required to make all arrangements needed to deliver the capacity and energy purchased from the Facility by the Company to the Company's interchange point with the delivering utility.
- GF. Service under this Schedule is subject to the rules and regulations of the Company and the FPSC as well as other applicable federal and state legislation or regulations.

SPECIAL PROVISIONS

- A. Special contracts deviating from the above Schedule are allowable provided they are agreed to by the Company and approved by the FPSC.
- B. A Facility directly interconnected withlecated within the Company's service territory may sell firm capacity and energy to a utility other than the Company. Where such agreements exist, the Company will provide transmission wheeling service to deliver the Facility's power to the purchasing utility or to an intermediate utility. In addition, the Company will provide transmission wheeling service through its territory for a Facility indirectly interconnected withlecated outside the Company's service territory, for delivery of the Facility's power to the purchasing utility or to an intermediate utility. In either case, where existing Company transmission capacity exists, the Company will impose a charge for wheeling Facility capacity and energy, measured at the point of delivery to the Company.

The Facility shall be responsible for all costs associated with such wheeling including:

1. Wheeling charges;

2. 3.	Line losses incurred by the Company; and Inadvertent energy flows resulting from such wheeling.
3.	inagvertent energy flows resulting from such wheeling.
ISSUED	BY: Mark CrosswhiteSusan Story
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<u>First Original Revised</u> Sheet No. 9.94

<u>Canceling Original Sheet No. 9.94</u>

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(Continued from Schedule REF-1, Sheet No. 9.93)

Energy delivered to the Company shall be adjusted before delivery to another utility.

Interstate transactions are defined as those determined to be in the jurisdiction of the Federal Energy Regulatory Commission (FERC).

Capacity delivered to the Company shall be adjusted before delivery to another utility. The following estimated adjustment factors are supplied for informational purposes only:

Renewable Facility Delivery Voltage	Adjustment Factor
Transmission Voltage Delivery	0.96758
Substation Voltage Delivery	0.94103
Primary Distribution Voltage Delivery	0.91001

All charges and adjustments for wheeling will be determined on a case-by-case basis.

Where wheeling power produced by a Facility for delivery towithin the Company's territory or to another utility will impair the Company's ability to give adequate service to the rest of the Company's customers or place an undue burden on the Company, the Company may petition the FPSC for a waiver of this Special Provision B, or require the Facility to pay for the necessary transmission system improvements in accordance with the National Energy Policy Act of 1992, or other applicable Federal law.

In order to establish the appropriate transmission service arrangements, the Facility must contact:

Manager Transmission Services Southern Company Services Post Office Box 2625 Birmingham AL 35202

C. As a means of protecting the Company's customers from the possibility of a Facility not coming on line as provided for under an executed Renewable Standard Offer Contract and in order to provide the Company with additional and immediately available funds for its use to secure replacement and reserve power in the event that the Facility fails to successfully complete construction and come on line in accord with the executed Renewable Standard Offer Contract, the Company requires that a cash completion security deposit equal to \$20 per kw of the nameplate capacity of the Facility's generator unit(s) at the time the Company's Renewable Standard Offer Contract is executed by the Facility. At the election of the Facility, the completion security deposit may be phased in such that one half of the total deposit due is paid at contract execution and the remainder within 12 months after contract execution.



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Canceling First RevisedOriginal Sheet No. 9.97

STANDARD OFFER CONTRACT FOR PURCHASE OF FIRM CAPACITY AND ENERGY FROM A RENEWABLE ENERGY FACILITY OR SMALL QUALIFYING FACILITY

("RENEWABLE STANDARD OFFER CONTRACT")

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	THIS AGREEMENT is made and entered into	this day o	of	, by
and	between	, hereinafter re	ferred to as	the "Facility"; and
Gulf	Power Company, a corporation, hereinafter	referred to as the	"Company".	. The Facility and
the (Company shall collectively be referred to here	in as the "Parties"		

WITNESSETH:

WHEREAS, for purposes of this contract, the term "Renewable Energy Facility" means a facility that produces electrical energy from one or more of the sources stated in Florida Public Service Commission (FPSC) Rule 25-17.210 (1), Florida Administrative Code (F.A.C.), and the term "Small Qualifying Facility" means a facility with a design capacity of 100 KW or less as defined in FPSC Rule 25-17.080 (3), F.A.C., thus, both "Renewable Energy Facility" and "Small Qualifying Facility" are herein referred to as "Facility"; and

WHEREAS, the Facility desires to sell, and the Company desires to purchase, electricity to be generated by the Facility, such sale and purchase to be consistent with FPSC Rules 25-17.080 through 25-17.091; and

WHEREAS, the Facility, in accordance with FPSC Rule 25-17.087, F.A.C., has entered into an interconnection agreement with (or signed and submitted the substantial equivalent of the Company's Form 12 -- Application for Interconnection of Customer-Owned Generation) the utility that in whose service territory the Facility-'s generating facility is directly interconnected located, attached hereto as Appendix A; and

WHEREAS, the FPSC has approved the following standard contract for use in the acceptance of the Company's standard offer for the purchase of firm capacity and energy from Facilities.

NOW THEREFORE, for mutual consideration the Parties agree as follows:



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(Continued from Standard Offer Contract, Sheet No. 9.98) The entire Facility, whether comprised in whole or in part of the generator units set forth above, is designed to produce a maximum of _____ kilowatts (KW) of electric power at an 85% power factor. Hereinafter, the designated generator units listed above and related equipment will be collectively referred to as "Facility." 2. Term of the Agreement This Agreement shall begin immediately upon its execution and the contemporaneous payment by the Facility to the Company of a completion security deposit in the amount of \$20.00 times each KW of nameplate capacity of the Facility's generator unit(s). This Agreement shall end at 12:01 A.M., _____, 20_____ (date specified shall be no earlier than May 31, 20320). Notwithstanding the foregoing, if construction and commercial operation of the Facility are not accomplished before June 1, 20220, the Company's obligations to the Facility under this Agreement shall be considered to be of no force and effect. The Company shall be entitled to retain and use the funds required by the Company as a completion security deposit under this section of the Agreement. At the election of the Facility, the completion security deposit may be phased in such that one half of the total deposit due is paid upon contract execution and the remainder is to be paid within 12 months after contract execution. If the Facility elects to phase in payment of the completion security deposit due under this paragraph, the effective date of the contract shall be the date of execution provided, however, that the Company shall have no further obligation to the Facility if either installment of the completion security deposit is not timely received by the Company.



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(Continued from Standard Offer Contract, Sheet No. 9.99)

Depending on the nature of the Facility's operation, financial health and solvency, and its ability to meet the terms and conditions of this Agreement, one of the following, at the Company's discretion in accordance with the provisions of Schedule REF-1, may be used as an alternative to a cash deposit as a means of securing the completion of the Facility's project in accord with this Agreement:

- (a) an unconditional, irrevocable direct pay letter; or
- (b) surety bond; or
- (c) other means acceptable to the Company.

In the case of a governmental solid waste facility, pursuant to FPSC Rule 25-17.091, F.A.C., the following will be acceptable to the Company: the unsecured promise of a municipal, county, or state government to pay the actual damages incurred by the Company because the governmental facility fails to come on line prior to June 1, 20220.

The specific completion security v	vehicle agreed upon by the parties is:

(IN ORDER FOR THIS FORM OF CONTRACT TO BE USED TO TENDER ACCEPTANCE OF THE COMPANY'S STANDARD OFFER BY A FACILITY OTHER THAN A GOVERNMENTAL SOLID WASTE FACILITY, THE ABOVE LINE MUST SPECIFY CASH DEPOSIT IN THE APPROPRIATE AMOUNT UNLESS THE FACILITY HAS SECURED THE PRIOR WRITTEN CONSENT FROM THE COMPANY TO AN ALTERNATIVE COMPLETION SECURITY VEHICLE.)

3. Sale of Electricity by the Facility

The Company agrees to purchase electric power generated at the Facility and transmitted to the Company by the Facility. The purchase and sale of electricity pursuant to this Agreement shall be in accordance with the following billing methodology (choose one):

- () Net Billing Arrangement; or
- () Simultaneous Purchase and Sales Arrangement.



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(Continued from Standard Offer Contract, Sheet No. 9.101) For all energy delivered by the Facility to the Company, the Facility elects to be paid pursuant to the method described in: ____ Paragraph B (1), or _____ Paragraph B (3)(b), and (if applicable); _____ Paragraph B (2), or _____ Paragraph B (3)(a) of the RATES FOR PURCHASES BY THE COMPANY section of Schedule REF-1. If the Facility elects any payment method under Paragraph B (3), the details underlying the derivation of the associated energy payments will be described in an exhibit to this Standard Offer Contract. The Company will provide the Facility an energy payment schedule for the elected payment method within thirty (30) days after receipt of a Facility's request for such information. 4.2 Capacity 4.2.1 Anticipated Committed Capacity. As discussed in Schedule REF-1, if the Company determines that the Facility's generator unit(s) provides capacity value to the Company, the Facility is expected to sell approximately _____ kilowatts of capacity, beginning on or about __, 20____. (Date specified may not be later than June 1, 20220.) The Facility may finalize its Committed Capacity (CC) after initial facility testing, and specify when capacity payments are to begin, by completing Paragraph 4.2.2 at a date subsequent to the execution of this Agreement by the parties. However, the Facility must complete Paragraph 4.2.2 before June 1, 20229 in order to be entitled to any capacity payments pursuant to this Agreement. The final Committed Capacity set forth in Paragraph 4.2.2 shall not exceed plus or minus ten percent of the above estimate. The date specified in Paragraph 4.2.2 as the date on which capacity payments shall begin shall be no earlier than the date specified above, nor any later than June 1, 20220.



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4.2.2 Actual Committed Capacity. The capacity committed by the Facility
(Committed Capacity or CC) for the purposes of this Agreement is kilowatts beginning
, The Facility is committing this amount of capacity based on its
agreement and commitment that this capacity will maintain an Equivalent Availability Factor (EAF)
of 95%. The EAF will be based on the economic operation of a combustion turbine generating
facility (Avoided Unit) that Gulf has designated as the Avoided Unit for purposes of the Standard
Offer. The Facility elects to receive, and the Company agrees to commence calculating, capacity
payments in accordance with this Agreement starting with the first billing month following the date
specified in this paragraph as the date on which capacity sales under this Agreement will begin.
4.2.3 Canacity Payments. The Eacility chooses to receive canacity nayments from

4.2.3 <u>Capacity Payments</u>. The Facility chooses to receive capacity payments from the Company under Option _____ or ____ a customized payment stream as described in the Company's Schedule REF-1 of the Company Tariff for Retail Electric Service as it exists at the time this Agreement is properly submitted by the Facility to the Company as tendered acceptance of the Company Standard Offer. If the customized payment option is chosen by the Facility as the preferred capacity payment option, the details underlying the derivation of such payment stream will be described in an exhibit to this Standard Offer Contract.

The Capacity Payments to be made by the Company to the Facility are based upon the Avoided Unit that the Company has designated for purposes of the Standard Offer. The Capacity Payments to the Facility are based on a two unit Combustion Turbine generating facility with the following economic assumptions:

> Size: 3665 MW total Discount Rate: 7.942%
>
> Annual Inflation: 1.976%
>
> Annual Capacity Factor: 10%
>
> Equivalent Availability: 95%
>
> AFUDC Rate: 9.3-21%
>
> K-factor: 1.3502608
>
> Fixed O & M: \$8.0010.95/kw-yr
>
> Unit Life: 40 years

Installed Costs (20229): \$875764/kw



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(Continued from Standard Offer Contract, Sheet No. 9.103)

The Company agrees it will pay the Facility a capacity payment. This capacity payment will be the product of the Facility's Committed Capacity and the applicable rate from the Facility's chosen capacity payment option in accordance with the Company's Schedule REF-1, as it exists at the time this Agreement is properly submitted by the Facility to the Company as tendered acceptance of the Company's Standard Offer. In the event either: (1) the date specified in Section 2 of this Agreement is later than June 1, 20329; or (2) the date specified in Paragraph 4.2.2 as the date capacity payments are to begin is one other than the dates shown in Schedule REF-1, a payment schedule will be calculated by the Company and attached to this agreement as Exhibit D. Under those circumstances, the payment schedule set forth in Exhibit D will be used in the calculation of capacity payments pursuant to this paragraph. The Company will provide the Facility a capacity payment schedule for the chosen payment method within thirty (30) days after receipt of a Facility's request for such information. The capacity payment for a given month will be added to the energy payment for such month and tendered by the Company to the Facility as a single payment as promptly as possible, normally by the twentieth business day following the day the meter is read.

In October following each performance period, the Company will calculate the availability of the Facility over the most recent twelve month period ending August 31. For purposes of this Agreement, availability means Equivalent Availability Factor (EAF) as defined by the North American Electric Reliability Council Generating Availability Data System (NERC GADS) or its successor's indice. If the availability (EAF) of the Facility is not equal to or greater than 0.95 (95%), then the Facility will repay the Company a portion of the performance period capacity payments as calculated in accordance with the procedure detailed in the **ANNUAL CAPACITY AVAILABILITY FACTOR DETERMINATION** section of Rate Schedule REF-1.



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- (e) Comply with reasonable requirements of the Company regarding day-to-day or hourby-hour communications between the parties relative to the performance of this Agreement; and
- (f) Promptly notify the Company of the Facility's inability to supply any portion of its Committed Capacity from the facility. (Failure of the Facility to notify the Company of a known derating or inability to supply its full Committed Capacity from the facility may, at the sole discretion of the Company, result in a determination of non-performance.)

7. The Facility's Obligation if the Facility Receives Early Capacity Payments

The Facility's payment option choice pursuant to paragraph 4.2.3 may result in payment by the Company for capacity delivered prior to June 1, 20220. The parties recognize that capacity payments received for any period through May 31, 20220, are in the nature of "early payment" for a future capacity benefit to the Company. To ensure that the Company will receive a capacity benefit for which early capacity payments have been made, or alternatively, that the Facility will repay the amount of early payments received to the extent the capacity benefit has not been conferred, the following provisions will apply:

The Company shall establish a Capacity Account. Amounts shall be added to the Capacity Account for each month through May 20229, in the amount of the Company's capacity payments made to the Facility pursuant to the Facility's chosen payment option from Schedule REF-1 or Exhibit D if applicable. The monthly balance in the Capacity Account shall accrue interest at the rate then prevailing for thirty (30) days highest grade commercial paper; such rate is to be determined by the Company thirty days prior to the date of each payment or posting of interest to the account. Commencing on June 1, 20229, there shall be deducted from the Capacity Account an Early Payment Offset Amount to reduce the balance in the Capacity Account. Such Early Payment Offset Amount shall be equal to that amount which the Company would have paid for



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capacity in that month if the capacity payment had been calculated pursuant to Option 1 in Schedule REF-1 and the Facility had elected to begin receiving payment on June 1, 20220 minus the monthly capacity payment the Company makes to the Facility pursuant to the capacity payment option chosen by the Facility in paragraph 4.2.3.

The Facility shall owe the Company and be liable for the outstanding balance in the Capacity Account. The Company agrees to notify the Facility monthly as to the current Capacity Account balance. Prior to receipt of early capacity payments, the Facility shall execute a promise to repay any outstanding balance in the Capacity Account in the event the Facility defaults pursuant to this Agreement. Such promise shall be secured by means mutually acceptable to the Parties and in accordance with the provisions of Schedule REF-1.

The specific repayment assurance selected for purposes of this Agreement is:

Any outstanding balance in the Capacity Account shall immediately become due and payable, in full, in the event of default by the Facility or at the conclusion of the term of this Agreement. The Facility's obligation to pay the balance in the Capacity Account shall survive termination of this Agreement.

8. Non-Performance Provisions

The Facility shall be entitled to receive a complete refund of the security deposit described in Section 2 of this contract (or in the event an alternative completion security vehicle is in effect, release of that completion security) upon achieving commercial in-service status (which, for purposes of this Agreement, shall include the demonstration of capability to perform by actual delivery of electricity to the Company) provided that this occurs prior to June 1, 20229 and that said



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commercial in-service status is maintained from the date of initial demonstration to, through and including June 1, 20220. The Facility shall not be entitled to any of its security deposit if it fails to achieve commercial in-service status prior to June 1, 20220 and maintain that status to, through and including said date. Additionally, once construction of the facility or any additions necessary for the Facility to have the capability to deliver the anticipated committed capacity and energy to the Company from the facility has commenced, the Facility will allow Company representatives to review quarterly the construction progress to provide the Company with a level of assurance that the Facility will be capable of delivering the anticipated committed capacity from the facility on or before June 1, 20220.

Additionally, failure of the Facility to notify the Company of a known derating or inability to supply its full Committed Capacity from the facility may, at the sole discretion of the Company, result in a determination of non-performance. Upon such determination by the Company, capacity payments to the Facility shall be suspended for a period of time equal to the time of the known derating or inability to supply the full Committed Capacity from the facility or six months, whichever shall be longer.

9. Default

9.1 <u>Mandatory Default</u>. The Facility shall be in default under this Agreement if: (1) Facility either voluntarily declares bankruptcy or becomes subject to involuntary bankruptcy proceedings; or (2) Facility ceases all electric generation for either of the Company's peak generation planning periods (summer or winter) occurring in a consecutive 12 month period. For purposes of this Agreement, the Company's summer peak generation planning period shall be May through September and the Company's winter peak generation planning period shall be December through February. The months included in the Company's peak generation planning periods may be changed, at the sole discretion of the Company, upon 12 months prior notice to the Facility.



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9.2 Optional Default. The Company may declare the Facility to be in default if: (1) at any time prior to June 1, 20220 and after capacity payments have begun, the Company has sufficient reason to believe that the Facility is unable to deliver its Committed Capacity from the facility; (2) because of a Facility's refusal, inability or anticipatory breach of obligation to deliver its Committed Capacity after June 1, 20220; or (3) the Company has made three or more determinations of non-performance due to the failure of the Facility to notify the Company of a known derating or inability to supply Committed Capacity during any eighteen month period.

10. General Provisions

- 10.1 <u>Permits</u>. The Facility hereby agrees to seek to obtain any and all governmental permits, certifications, or other authority the Facility is required to obtain as a prerequisite to engaging in the activities provided for in this Agreement. The Company hereby agrees to seek to obtain any and all governmental permits certifications or other authority the Company is required to obtain as a prerequisite to engaging in the activities provided for in this Agreement.
- 10.2 Indemnification. The Facility agrees to indemnify and save harmless the Company, its subsidiaries or affiliates, and their respective employees, officers, and directors, against any and all liability, loss, damage, cost or expense which the Company, its subsidiaries, affiliates, and their respective employees, officers, and directors may hereafter incur, suffer or be required to pay by reason of negligence on the part of the Facility in performing its obligations pursuant to this Agreement or the Facility's failure to abide by the provisions of this Agreement. The Company agrees to indemnify and save harmless the Facility against any and all liability, loss, damage, cost or expense which the Facility may hereafter incur, suffer or be required to pay by reason of negligence on the part of the Company in performing its obligations pursuant to this Agreement or the Company's failure to abide by the provision of this Agreement. The Facility agrees to include the Company as an additional named insured in any liability insurance policy or policies the Facility obtains to protect the Facility's interests with respect to the Facility's indemnity and hold harmless assurances to parties contained in this Section.



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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized officers.

ATTEST:	GULF-POWER COMPANY
	BY Vice President
Secretary	TITLE
	DATE
ATTEST:	Facility
	ВҮ
Witness as to Facility	TITLEOfficial Capacity
Witness as to Facility GULF POWER COMPANY	DATE
By: (Signature)	
(Print or Type Name)	
Title:	

Date:	
FACILITY	
PACIEITY	
Ву:	
(Signature	
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Title:	***************************************
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Date:	
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ISSUED BY: Mark Crossw	hiteSusan Story
1. Mark 0.000 N	into Ododni Otory

ECONOMIC / FINANCIAL ASSUMPTIONS And K-FACTOR

GULF POWER COMPANY RENEWABLE STANDARD OFFER CONTRACT ECONOMIC ASSUMPTIONS

Financial Assumptions Base Case

AFUDC RATE		9.31	%		
					
CAPITALIZATION RATIO	DS:				
	DEBT	50.0	%	Tax Deprecia	tion Rates
	PREFERRED	5.0	%		
	EQUITY	45.0	<u> </u>		
				<u>Year</u>	<u>CT</u>
				1	5.000%
RATE OF RETURN				2	9.500%
	DEBT	7.1	%	3	8.550%
	PREFERRED_	7.2	%	4	7.695%
	EQUITY	12.0	<u></u> %	5	6.926%
				6	6.233%
				7	5.905%
INCOME TAX RATE:				8	5.905%
	STATE	5.5	%	9	5.905%
	FEDERAL_	35.0	%	10	5.905%
	EFFECTIVE_	38.575	%	11	5.905%
				12	5.905%
				13	5.905%
OTHER TAX RAT	Ad Valorem	0.65	%	14	5.904%
				15	5.905%
				16	2.952%
DISCOUNT RATE:		7.94	%		
TAX					
DEPRECIATION RATE:	Q ₄	e adjacent ta	hle %	<u> </u>	
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GULF POWER COMPANY RENEWABLE STANDARD OFFER CONTRACT UNIT INFORMATION

PLANT TYPE:	Duel Fuel "F" Combustion Turbine		
NET CAPACITY:	366 MW		
BOOK LIFE (Years):	40		
N-SERVICE YEAR:	2022		
TOTAL INSTALLED COST ('22 \$/kW):	875		
DIRECT CONSTRUCTION COST ('11 \$/kW):	635		
AFUDC AMOUNT (\$/kW):	116		
ESCALATION (\$/kW):	124		
FIXED O&M ('22 \$/kW - Yr):	8.00		
VARIABLE O&M ('22 \$/Mwh):	9.81		
K FACTOR:	1.3502		