

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE: June 25, 2021

TO: Office of Commission Clerk (Teitzman)

FROM: Division of Engineering (Phillips, Ellis) *TB*
Office of the General Counsel (Murphy) *TLT*

RE: Docket No. 20210066-EQ – Petition for approval of revised standard offer for purchase of firm capacity and energy from renewable energy facilities or small qualifying facilities, by Gulf Power Company.

AGENDA: 07/08/21 – Regular Agenda – Proposed Agency Action - Interested Persons May Participate

COMMISSIONERS ASSIGNED: All Commissioners

PREHEARING OFFICER: Administrative

CRITICAL DATES: None

SPECIAL INSTRUCTIONS: Staff recommends the Commission consider with Docket No. 20210067-EQ

Case Background

Section 366.91(3), Florida Statutes (F.S.), requires each investor-owned utility (IOU) to continuously offer to purchase capacity and energy from renewable generating facilities and small qualifying facilities. Florida Public Service Commission (Commission) Rules 25-17.200 through 25-17.310, Florida Administrative Code (F.A.C.), implement the statute and require each IOU to file with the Commission, by April 1 of each year, a revised standard offer contract based on the next avoidable fossil fueled generating unit of each technology type identified in the utility's current Ten-Year Site Plan (TYSP). On April 1, 2021, Gulf Power Company (Gulf) filed a petition for approval of its revised standard offer contract, based on its 2021 TYSP. The Commission has jurisdiction over this standard offer contract pursuant to Sections 366.04 through 366.055, and 366.91, F.S.

Discussion of Issues

Issue 1: Should the Commission approve Gulf's revised standard offer contract and associated rate schedule QS-2?

Recommendation: Yes. The provisions of Gulf's revised standard offer contract and associated rate schedule QS-2 conform to all requirements of Rules 25-17.200 through 25-17.310, F.A.C. The revised standard offer contract provides flexibility in the arrangements for payments so that a developer of renewable generation may select the payment stream best suited to its financial needs. (Phillips)

Staff Analysis: Section 366.91(3), F.S., and Rule 25-17.250, F.A.C., require that Gulf, as an IOU, continuously make available a standard offer contract for the purchase of firm capacity and energy from renewable generating facilities (RF) and small qualifying facilities (QF) with design capacities of 100 kilowatts (kW) or less. Pursuant to Rules 25-17.250(1) and (3), F.A.C., the standard offer contract must provide a term of at least 10 years, and the payment terms must be based on the utility's next avoidable fossil-fueled generating unit identified in its most recent TYSP, or if no avoided unit is identified, its next avoidable planned purchase.

Similar to last year's standard offer filing, Gulf submitted a joint TYSP with Florida Power & Light Company (FPL) for 2021, with the companies planning to merge into a single remaining entity by 2022. While the joint TYSP does not feature an avoidable fossil-fueled generating unit or planned purchases that could be deferred during the planning period, Gulf has identified a 1,991 megawatt (MW) natural gas-fired combined cycle unit (CC) as the next planned generating unit, the same as identified in FPL's standard offer contract. The projected in-service date of the unit is June 1, 2031. The Commission has previously approved using a unit outside of the TYSP planning period as the avoided unit for standard offer contract purposes.¹

Under Gulf's standard offer contract, the RF/QF operator commits to certain minimum performance requirements based on the identified avoided unit, such as being operational and delivering an agreed upon amount of capacity by the in-service date of the avoided unit, and thereby becomes eligible for capacity payments in addition to payments received for energy. The standard offer contract may also serve as a starting point for negotiation of contract terms by providing payment information to an RF/QF operator, in a situation where one or both parties desire particular contract terms other than those established in the standard offer.

In order to promote renewable generation, the Commission requires the IOU to offer multiple options for capacity payments, including the options to receive early or levelized payments. If the RF/QF operator elects to receive capacity payments under the normal or levelized contract options, it will receive as-available energy payments only until the in-service date of the avoided

¹See Order No. PSC-2018-0316-PAA-EQ, issued June 20, 2018, in Docket No. 20180083-EQ, In re: *Petition for approval of renewable energy tariff and standard offer contract, by Florida Power & Light Company*; Order No. PSC-2020-0212-PAA-EQ, issued June 26, 2020, in Docket No. 20200114-EQ, In re: *Florida Power & Light Company's Petition for Approval of a Renewable Energy Tariff and Standard Offer Contract*; Order No. PSC-2020-0213-PAA-EQ, issued June 26, 2020, in Docket No. 20200115-EQ, In re: *Petition for approval of new standard offer for purchase of firm capacity and energy from renewable energy facilities or small qualifying facilities and rate schedule QS-2, by Gulf Power Company*.

unit (in this case June 1, 2031), and thereafter, begin receiving capacity payments in addition to the energy payments. If either the early or early levelized option is selected, then the operator will begin receiving capacity payments earlier than the in-service date of the avoided unit. However, payments made under the early capacity payment options tend to be lower in the later years of the contract term because the net present value (NPV) of the total payments must remain equal for all contract payment options.

Table 1 contains Gulf's estimates of the annual payments for each payment option available under the revised standard offer contract to an operator with a 50 MW facility operating at a capacity factor of 94 percent, which is the minimum capacity factor required under the contract to qualify for full capacity payments. Normal and levelized capacity payments begin with the projected in-service date of the avoided unit (June 1, 2031) and continue for 10 years, while early and early levelized capacity payments begin five years prior to the in-service date, or 2027 for this example.

**Table 1 - Estimated Annual Payments to a 50 MW Renewable Facility
 (94% Capacity Factor)**

Year	Energy Payment	Capacity Payment (By Type)			
		Normal	Levelized	Early	Early Levelized
	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2022	7,667	-	-	-	-
2023	6,793	-	-	-	-
2024	7,418	-	-	-	-
2025	8,347	-	-	-	-
2026	8,650	-	-	-	-
2027	8,862	-	-	1,203	1,351
2028	9,109	-	-	2,087	2,316
2029	9,419	-	-	2,131	2,316
2030	9,908	-	-	2,175	2,316
2031	9,607	2,025	2,203	2,222	2,316
2032	9,695	3,514	3,776	2,269	2,316
2033	10,171	3,588	3,776	2,316	2,316
2034	10,675	3,664	3,776	2,365	2,316
2035	11,053	3,741	3,776	2,415	2,316
2036	11,589	3,820	3,776	2,466	2,316
2037	11,935	3,900	3,776	2,518	2,316
2038	12,188	3,983	3,776	2,571	2,316
2039	12,315	4,067	3,776	2,625	2,316
2040	12,601	4,152	3,776	2,680	2,316
2041*	5,289	1,745	1,573	1,126	965
Total	193,291	38,199	37,762	33,169	32,430
Total (NPV)	97,871	14,128	14,128	14,128	14,128

Source: Gulf's Response to Staff's First Data Request and staff's calculations²

*Payments end in May 2041, resulting in a partial year of energy and capacity payments.

Included as Attachment A to this recommendation is Gulf's standard offer contract in type-and-strike format. The changes made to Gulf's tariff sheets are consistent with the updated avoided unit. Revisions include updates to calendar dates and payment information which reflect the current economic and financial assumptions for the avoided unit. At this time Gulf and FPL operate as separate utilities; however they have requested to consolidate rates in the ongoing rate case.³ The capacity payments differ between Gulf and FPL due to the different financial assumptions of the companies that must be used pursuant to the Commission's Rules.

²Document No. 03881-2021, filed May 4, 2021 in Docket No. 20210066-EQ.

³Document No. 02759-2021, filed March 12, 2021, in Docket No. 20210015-EQ.

Conclusion

Staff recommends that the revised standard offer contract and revised rate schedule QS-2 be approved as filed. The provisions of Gulf's revised standard offer contract and associated rate schedule conform to all requirements of Rules 25-17.200 through 25-17.310, F.A.C. The revised standard offer contract provides flexibility in the arrangements for payments so that a developer of renewable generation may select the payment stream best suited to its financial needs.

Issue 2: Should this docket be closed?

Recommendation: Yes. This docket should be closed upon issuance of a consummating order, unless a person whose substantial interests are affected by the Commission's decision files a protest within 21 days of the issuance of the Commission's Proposed Agency Action Order. Potential signatories should be aware that, if a timely protest is filed, Gulf's standard offer contract may subsequently be revised. (Murphy)

Staff Analysis: This docket should be closed upon the issuance of a consummating order, unless a person whose substantial interests are affected by the Commission's decision files a protest within 21 days of the issuance of the Commission's Proposed Agency Action Order. Potential signatories should be aware that, if a timely protest is filed, Gulf's standard offer contract may subsequently be revised.



Section No. IX
~~Seventh-Eighth~~ Revised Sheet No. 9.100
Cancelling ~~Sixth-Seventh~~ Revised Sheet No. 9.100

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**STANDARD OFFER CONTRACT FOR THE PURCHASE OF
CAPACITY AND ENERGY FROM A RENEWABLE ENERGY FACILITY OR A QUALIFYING FACILITY
WITH A DESIGN CAPACITY OF 100 KW OR LESS (~~2030-2031~~ AVOIDED UNIT)**

THIS STANDARD OFFER CONTRACT (the "Contract") is made and entered this ____ day of _____, _____ by and between _____ (herein after "Qualified Seller" or "QS") a corporation/limited liability company organized and existing under the laws of the State of _____ and owner of a Renewable Energy Facility as defined in section 25-17.210 (1) F.A.C. or a Qualifying Facility with a design capacity of 100 KW or less as defined in section 25-17.250, and Gulf Power Company (hereinafter "GULF POWER") a corporation organized and existing under the laws of the State of Florida. The QS and GULF POWER shall be jointly identified herein as the "Parties". This Contract contains five Appendices; Appendix A, QS-2 Standard Rate for Purchase of Capacity and Energy; Appendix B, Pay for Performance Provisions; Appendix C, Termination Fee; Appendix D, Detailed Project Information and Appendix E, contract options to be selected by QS.

WITNESSETH:

WHEREAS, the QS desires to sell and deliver, and GULF POWER desires to purchase and receive, firm capacity and energy to be generated by the QS consistent with the terms of this Contract, Section 366.91, Florida Statutes, and/or Florida Public Service Commission ("FPSC") Rules 25-17.082 through 25-17.091, F.A.C. and FPSC Rules 25-17.200 through 25.17.310.F.A.C.

WHEREAS, the QS has signed an interconnection agreement with GULF POWER (the "Interconnection Agreement"), or it has entered into valid and enforceable interconnection/transmission service agreement(s) with the utility (or those utilities) whose transmission facilities are necessary for delivering the firm capacity and energy to GULF POWER (the "Wheeling Agreement(s)");

WHEREAS, the FPSC has approved the form of this Standard Offer Contract for the Purchase of Firm Capacity and Energy from a Renewable Energy Facility or a Qualifying Facility with a design capacity of 100 KW or less; and

WHEREAS, the Facility is capable of delivering firm capacity and energy to GULF POWER for the term of this Contract in a manner consistent with the provisions of this Contract; and

WHEREAS, Section 366.91(3), Florida Statutes, provides that the "prudent and reasonable costs associated with a QS energy contract shall be recovered from the ratepayers of the contracting utility, without differentiating among customer classes, through the appropriate cost-recovery clause mechanism" administered by the FPSC.

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1. QS Facility

The QS contemplates, installing operating and maintaining a _____ KVA _____ generating facility located at _____ (hereinafter called the "Facility"). The Facility is designed to produce a maximum of _____ kilowatts ("KW") of electric power at an 85% lagging to 85% leading power factor. The Facility's location and generation capabilities are as described in the table below.

TECHNOLOGY AND GENERATOR CAPABILITIES	
Location: Specific legal description (e.g., metes and bounds or other legal description with street address required)	City: County:
Generator Type (Induction or Synchronous)	
Type of Facility (Hydrogen produced from sources other than fossil fuels, biomass as defined in Section 25-17.210 (2) F.A.C. , solar energy, geothermal energy, wind energy, ocean energy, hydroelectric power, waste heat from sulfuric acid manufacturing operations: or <100KW cogenerator)	
Technology	
Fuel Type and Source	
Generator Rating (KVA)	
Maximum Capability (KW)	
Minimum Load	
Peaking Capability	
Net Output (KW)	
Power Factor (%)	
Operating Voltage (kV)	
Peak Internal Load KW	

The following sections (a) through (e) are applicable to Renewable Energy Facilities ("REFs") and section (e) is only applicable to Qualifying Facilities with a design capacity of 100 KW or less:

- (a) If the QS is a REF, the QS represents and warrants that (i) the sole source(s) of fuel or power used by the Facility to produce energy for sale to GULF POWER during the term of this Contract shall be such sources as are defined in and provided for pursuant to Sections 366.91(2) (a) and (b), Florida Statutes, and FPSC Rules 25-17.210(1) and (2), F.A.C.; (ii) Fossil fuels shall be limited to the minimum quantities necessary for start-up, shut-down and for operating stability at minimum load; and (iii) the REF is capable of generating the amount of capacity pursuant to Section 5 of this Agreement without the use of fossil fuels.
- (b) The Parties agree and acknowledge that if the QS is a REF, the QS will not charge for, and GULF POWER shall have no obligation to pay for, any electrical energy produced by the Facility from a source of fuel or power except as specifically provided for in paragraph 1(a) above.

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- (c) If the QS is a REF, the QS shall, on an annual basis and within thirty (30) days after the anniversary date of this Contract and on an annual basis thereafter for the term of this Contract, deliver to GULF POWER a report certified by an officer of the QS: (i) stating the type and amount of each source of fuel or power used by the QS to produce energy during the twelve month period prior to the anniversary date (the "Contract Year"); and (ii) verifying that one hundred percent (100%) of all energy sold by the QS to GULF POWER during the Contract Year complies with Sections 1(a) and (b) of this Contract.

- (d) If the QS is a REF, the QS represents and warrants that the Facility meets the renewable energy requirements of Section 366.91(2)(a) and (b), Florida Statutes, and FPSC Rules 25-17.210(1) and (2)-, F.A.C., and that the QS shall continue to meet such requirements throughout the term of this Contract. GULF POWER shall have the right at all times to inspect the Facility and to examine any books, records, or other documents of the QS that GULF POWER deems necessary to verify that the Facility meets such requirements.

- (e) The Facility (i) has been certified or has self-certified as a "qualifying facility" pursuant to the Regulations of the Federal Energy Regulatory Commission ("FERC"), or (ii) has been certified by the FPSC as a "qualifying facility" pursuant to Rule 25-17.080(1). A QS that is a qualifying facility with a design capacity of less than 100 KW shall maintain the "qualifying status" of the Facility throughout the term of this Contract. GULF POWER shall have the right at all times to inspect the Facility and to examine any books and records or other documents of the Facility that GULF POWER deems necessary to verify the Facility's qualifying status. On or before March 31 of each year during the term of this Contract, the QS shall provide to GULF POWER a certificate signed by an officer of the QS certifying that the Facility has continuously maintained qualifying status.

2. Term of Contract

Except as otherwise provided herein, this Contract shall become effective immediately upon its execution by the Parties (the "Effective Date") and shall have the termination date stated in Appendix E, unless terminated earlier in accordance with the provisions hereof. Notwithstanding the foregoing, if the Capacity Delivery Date (as defined in Section 5.5) of the Facility is not accomplished by the in-service date of the avoided unit, or such later date as may be permitted by GULF POWER pursuant to Section 5 of this Contract, GULF POWER will be permitted to terminate this Contract consistent with the terms herein without further obligations, duties or liability to the QS.

3. Minimum Specifications

Following are the minimum specifications pertaining to this Contract:

1. The avoided unit ("Avoided Unit") options on which this Contract is based are detailed in Appendix A.

2. This offer shall expire on April 1, ~~2021~~2022.

3. The date by which firm capacity and energy deliveries from the QS to GULF POWER shall commence is the in-service date of the Avoided Unit (or such later date as may be permitted by GULF POWER pursuant to Section 5 of this contract) unless the QS chooses a capacity payment option that provides for early capacity payments pursuant to the terms of this Contract.

4. The period of time over which firm capacity and energy shall be delivered from the QS to GULF POWER is as specified in Appendix E; provided, such period shall be no less than a minimum of ten (10) years after the in-service date of the Avoided Unit.

5. The following are the minimum performance standards for the delivery of firm capacity and energy by the QS to qualify for full capacity payments under this Contract:

	On Peak *	All Hours
Availability	94.0%	94.0%

* QS Performance and On Peak hours shall be as measured and/or described in GULF POWER's Rate Schedule QS-2 attached hereto as Appendix A

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4. Sale of Energy and Capacity by the QS

4.1 Consistent with the terms hereof, the QS shall sell and deliver to GULF POWER and GULF POWER shall purchase and receive from the QS at the Delivery Point (defined below) all of the energy and firm capacity generated by the Facility. GULF POWER shall have the sole and exclusive right to purchase all energy and capacity produced by the Facility. The purchase and sale of energy and firm capacity pursuant to this Contract shall be a () net billing arrangement or () simultaneous purchase and sale arrangement; provided, however, that no such arrangement shall cause the QS to sell more energy and firm capacity than the Facility's net output. The billing methodology may be changed at the option of the QS, subject to the provisions of GULF POWER Rate Schedule QS-2. For purposes of this Contract, Delivery Point shall be defined as either: (a) the point of interconnection between GULF POWER's system and the transmission system of the final utility transmitting energy and firm capacity from the Facility to the GULF POWER system, as specifically described in the applicable Wheeling Agreement, or (b) the point of interconnection between the Facility and GULF POWER's transmission system, as specifically described in the Interconnection Agreement.

4.2 The QS shall not rely on interruptible standby service for the start up requirements (initial or otherwise) of the Facility.

4.3 The QS shall be responsible for all costs, charges and penalties associated with development and operation of the Facility.

4.4 The QS shall be responsible for all interconnection, electric losses, transmission and ancillary service arrangements and costs required to deliver, on a firm basis, the firm capacity and energy from the Facility to the Delivery Point.

5. Committed Capacity/Capacity Delivery Date

5.1 The QS commits to sell and deliver firm capacity to GULF POWER at the Delivery Point, the amount of which shall be determined in accordance with this Section 5 (the "Committed Capacity"). Subject to Section 5.3 the Committed Capacity shall be

 KW, delivery date no later than the in-service date of the Avoided Unit or as otherwise specified in Appendix E (the "Guaranteed Capacity Delivery Date").

5.2 Testing of the capacity of the Facility (each such test, a "Committed Capacity Test") shall be performed in accordance with the procedures set forth in Section 6. The Demonstration Period (defined herein) for the first Committed Capacity Test shall commence no earlier than six (6) months prior to the Capacity Delivery Date and testing must be completed by 11:59 p.m. on the date prior to the Guaranteed Delivery Date. The first Committed Capacity Test shall be deemed successfully completed when the QS demonstrates to GULF POWER's satisfaction that the Facility can make available capacity of at least one hundred percent (100%) of the Committed Capacity set forth in Section 5.1. Subject to Section 6.1, the QS may schedule and perform up to three (3) Committed Capacity Tests to satisfy the capacity requirements of the Contract.

5.3 GULF POWER shall have the right to require the QS, by notice no less than ten (10) business days prior to such proposed test, to validate the Committed Capacity of the Facility by means of subsequent Committed Capacity Tests as follows: (a) once per each Summer period and once per each Winter period at GULF POWER's sole discretion, (b) at any time the QS is unable to comply with any material obligation under this Contract for a period of thirty (30) days or more in the aggregate as a consequence of an event of Force Majeure, and (c) at any time the QS fails in three consecutive months to achieve an Annual Capacity Billing Factor, as defined in Appendix B (the "ACBF"), equal to or greater than 70%. The results of any such test shall be provided to GULF POWER within seven (7) days of the conclusion of such test. On and after the date of such requested Committed Capacity Test, and until the completion of a subsequent Committed Capacity Test, the Committed Capacity shall be deemed as the lower of the tested capacity or the Committed Capacity as set forth in Section 5.1.

5.4 Notwithstanding anything to the contrary herein, the Committed Capacity shall not exceed the amount set forth in Section 5.1 without the prior written consent of GULF POWER, such consent not unreasonably withheld.

5.5 The "Capacity Delivery Date" shall be defined as the first calendar day immediately after the date following the last to occur of (a) the Facility's successful completion of the first Committed Capacity Test but no earlier than the commencement date for deliveries of firm capacity and energy (as such is specified in Appendix E) and (b) the satisfaction by QS of the following Delivery Date Conditions (defined below).

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5.5.1 A certificate addressed to GULF POWER from a Licensed Professional Engineer (reasonably acceptable to GULF POWER in all respects) stating: (a) the nameplate capacity rating of the Facility at the anticipated time of commercial operation, which must be at least 94% of the Expected Nameplate Capacity Rating; (b) that the Facility is able to generate electric energy reliably in amounts expected by this Agreement and in accordance with all other terms and conditions hereof; (c) that Start-Up Testing of the Facility has been completed; and (d) that, pursuant to Section 8.4, all system protection and control and Automatic Generation Control devices are installed and operational.

5.5.2 A certificate addressed to GULF POWER from a Licensed Professional Engineer (reasonably acceptable to GULF POWER in all respects) stating, in conformance with the requirements of the Interconnection Agreement, that: (a) all required interconnection facilities have been constructed; (b) all required interconnection tests have been completed; and (c) the Facility is physically interconnected with the System in conformance with the Interconnection Agreement and able to deliver energy consistent with the terms of this Agreement.

5.5.3 A certificate addressed from a Licensed Professional Engineer (reasonably acceptable to GULF POWER in all respects) stating that QS has obtained or entered into all permits and agreements with respect to the Facility necessary for construction, ownership, operation, and maintenance of the Facility (the "Required Agreements"). QS must provide copies of any or all Required Agreements requested by GULF POWER.

5.5.4 An opinion from a law firm or attorney, registered or licensed in the State of Florida (reasonably acceptable to GULF POWER in all respects), stating, after all appropriate and reasonable inquiry, that: (a) QS has obtained or entered into all Required Agreements; (b) neither QS nor the Facility is in violation of or subject to any liability under any applicable law; and (c) QS has duly filed and had recorded all of the agreements, documents, instruments, mortgages, deeds of trust, and other writings described in Section 9.7.

5.5.5 GULF POWER has received the Completion/Performance Security ((a) through (e), the "Commercial Operation Conditions").

GULF POWER shall have ten (10) Business Days after receipt either to confirm to QS that all of the Delivery Date Conditions have been satisfied or have occurred, or to state with specificity what GULF POWER reasonably believes has not been satisfied.

5.6 The QS shall be entitled to receive capacity payments beginning on the Capacity Delivery Date, provided, the Capacity Delivery Date occurs on or before the in-service date of the Avoided Unit (or such later date permitted by GULF POWER pursuant to the following sentence). If the Capacity Delivery Date does not occur on or before the Guaranteed Capacity Delivery Date, GULF POWER shall be entitled to the Completion/Performance Security (as set forth in Section 9) in full, and in addition, has the right but not the obligation to allow the QS up to an additional five (5) months to achieve the Capacity Delivery Date. If the QS fails to achieve the Capacity Delivery Date either by (a) the Guaranteed Delivery Date or b) such later date as permitted by GULF POWER, GULF POWER shall have no obligation to make any capacity payments under this Contract and GULF POWER will be permitted to terminate this Contract, consistent with the terms herein, without further obligations, duties or liability to the QS.

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6. Testing Procedures

6.1 The Committed Capacity Test must be completed successfully within a sixty-hour period (the "Demonstration Period"), which period, including the approximate start time of the Committed Capacity Test, shall be selected and scheduled by the QS by means of a written notice to GULF POWER delivered at least thirty (30) days prior to the start of such period. The provisions of the foregoing sentence shall not apply to any Committed Capacity Test required by GULF POWER under any of the provisions of this Contract. GULF POWER shall have the right to be present onsite to monitor any Committed Capacity Test required or permitted under this Contract.

6.2 Committed Capacity Test results shall be based on a test period of twenty-four (24) consecutive hours (the "Committed Capacity Test Period") at the highest sustained net KW rating at which the Facility can operate without exceeding the design operating conditions, temperature, pressures, and other parameters defined by the applicable manufacturer(s) for steady state operations at the Facility. If the QS is a REF the Committed Capacity Test shall be conducted utilizing as the sole fuel source fuels or energy sources included in the definition in Section 366.91, Florida Statutes. The Committed Capacity Test Period shall commence at the time designated by the QS pursuant to Section 6.1 or at such other time requested by GULF POWER pursuant to Section 5.3; provided, however, that the Committed Capacity Test Period may commence earlier than such time in the event that GULF POWER is notified of, and consents to, such earlier time.

6.3 For the avoidance of doubt, normal station service use of unit auxiliaries, including, without limitation, cooling towers, heat exchangers, and other equipment required by law, shall be in service during the Committed Capacity Test Period. Further, the QS shall affect deliveries of any quantity and quality of contracted cogenerated steam to the steam host during the Committed Capacity Test Period.

6.4 The capacity of the Facility shall be the average net capacity (generator output minus auxiliary) measured over the Committed Capacity Test Period.

6.5 The Committed Capacity Test shall be performed according to prudent industry testing procedures satisfactory to GULF POWER for the appropriate technology of the QS.

6.6 Except as otherwise provided herein, results of any Committed Capacity Test shall be submitted to GULF POWER by the QS within seven (7) days of the conclusion of the Committed Capacity Test.

7. Payment for Electricity Produced by the Facility

7.1 Energy

GULF POWER agrees to pay the QS for energy produced by the Facility and delivered to the Delivery Point in accordance with the rates and procedures contained in GULF POWER's approved Rate Schedule QS-2, attached hereto as Appendix A, as it may be amended from time to time and pursuant to the election of energy payment options as specified in Appendix E. The Parties agree that this Contract shall be subject to all of the provisions contained in Rate Schedule QS-2 as approved and on file with the FPSC.

7.2 Firm Capacity

GULF POWER agrees to pay the QS for the firm capacity described in Section 5 in accordance with the rates and procedures contained in Rate Schedule QS-2, attached hereto as Appendix A, as it may be amended and approved from time to time by the FPSC, and pursuant to the election of a capacity payment option as specified in Appendix E. The QS understands and agrees that capacity payments will be made under the early capacity payment options only if the QS has achieved the Capacity Delivery Date and is delivering firm capacity and energy to GULF POWER. Once elected by the QS, the capacity payment option cannot be changed during the term of this Contract.

7.3 Payments

Payments due the QS will be made monthly and normally by the twentieth business day following the end of the billing period. A statement of the kilowatt-hours sold by the QS and the applicable avoided energy rate at which payments are being made shall accompany the payment to the QS.

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8. Electricity Production and Plant Maintenance Schedule

8.1 During the term of this Contract, no later than sixty (60) days prior to the Capacity Delivery Date and prior to April 1 of each calendar year thereafter, the QS shall submit to GULF POWER in writing a detailed plan of: (a) the amount of firm capacity and energy to be generated by the Facility and delivered to the Delivery Point for each month of the following calendar year, and (b) the time, duration and magnitude of any scheduled maintenance period(s) and any anticipated reductions in capacity.

8.2 By October 31 of each calendar year, GULF POWER shall notify the QS in writing whether the requested scheduled maintenance periods in the detailed plan are acceptable. If GULF POWER objects to any of the requested scheduled maintenance periods, GULF POWER shall advise the QS of the time period closest to the requested period(s) when the outage(s) can be scheduled. The QS shall schedule maintenance outages only during periods approved by GULF POWER, such approval not unreasonably withheld. Once the schedule for maintenance has been established and approved by GULF POWER, either Party may request a subsequent change in such schedule and, except when such event is due to Force Majeure, request approval for such change from the other Party, such approval not to be unreasonably withheld or delayed. Scheduled maintenance outage days shall be limited to seven (7) days per calendar year unless the manufacturer's recommendation of maintenance outage days for the technology and equipment used by the Facility exceeds such 7 day period, provided, such number of days is considered reasonable by prudent industry standards and does not exceed two (2) fourteen (14) day intervals, one in the Spring and one in the Fall, in any calendar year. The scheduled maintenance outage days applicable for the QS are _____ days in the Spring and _____ days in the Fall of each calendar year, provided the conditions specified in the previous sentence are satisfied. In no event shall maintenance periods be scheduled during the following periods: June 1 through and including October 31st and December 1 through and including February 28 (or 29th as the case may be).

8.3 The QS shall comply with reasonable requests by GULF POWER regarding day-to-day and hour-by-hour communication between the Parties relative to electricity production and maintenance scheduling.

8.4 Dispatch and Control

8.4.1 The power supplied by the QS hereunder shall be in the form of three-phase 60 Hertz alternating current, at a nominal operating voltage of _____,000 volts (_____ kV) and power factor dispatchable and controllable in the range of 85% lagging to 85% leading as measured at the Delivery Point to maintain system operating parameters, as specified by GULF POWER.

8.4.2 At all times during the term of this Contract, the QS shall operate and maintain the Facility: (a) in such a manner as to ensure compliance with its obligations hereunder, in accordance with prudent engineering and operating practices and applicable law, and (b) with all system protective equipment in service whenever the Facility is connected to, or is operated in parallel with, GULF POWER's system. The QS shall install at the Facility those system protection and control devices necessary to ensure safe and protected operation of all energized equipment during normal testing and repair. The QS shall have qualified personnel test and calibrate all protective equipment at regular intervals in accordance with good engineering and operating practices. A unit functional trip test shall be performed after each overhaul of the Facility's turbine, generator or boilers and the results shall be provided to GULF POWER prior to returning the Facility to service. The specifics of the unit functional trip test will be consistent with good engineering and operating practices.

8.4.3 If the Facility is separated from the GULF POWER system for any reason, under no circumstances shall the QS reconnect the Facility into GULF POWER's system without first obtaining GULF POWER's prior written approval.

8.4.4 During the term of this Contract, the QS shall employ qualified personnel for managing, operating and maintaining the Facility and for coordinating such with GULF POWER. If the Facility has a Committed Capacity greater than 10 MW then, the QS shall ensure that operating personnel are on duty at all times, twenty-four (24) hours a calendar day and seven (7) calendar days a week. If the Facility has a Committed Capacity equal to or less than 10 MW then the QS shall ensure that operating personnel are on duty at least eight (8) hours per day from 8 AM CST to 5 PM CST from Monday to Friday, with an operator on call at all other hours.

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8.4.6 After providing notice to the QS, GULF POWER shall not be required to purchase or receive energy from the QS during any period in which, due to operational circumstances, the purchase or receipt of such energy would result in GULF POWER's incurring costs greater than those which it would incur if it did not make such purchases. An example of such an occurrence would be a period during which the load being served is such that the generating units on line are base load units operating at their minimum continuous ratings and the purchase of additional energy would require taking a base load unit off the line and replacing the remaining load served by that unit with peaking-type generation. GULF POWER shall give the QS as much prior notice as practicable of its intent not to purchase or receive energy and firm capacity pursuant to this Section.

8.4.7 If the Facility has a Committed Capacity less than 75 MW, control, scheduling and dispatch of firm capacity and energy shall be the responsibility of the QS. If the Facility has a Committed Capacity greater than or equal to 75 MW, then control, scheduling and dispatch of firm capacity and energy shall be the responsibility of the QS, except during a "Dispatch Hour", i.e., any clock hour for which GULF POWER requests the delivery of such capacity and energy. During any Dispatch Hour: (a) control of the Facility will either be by Seller's manual control under the direction of GULF POWER (whether orally or in writing) or by Automatic Generation Control by GULF POWER's system control center as determined by GULF POWER, and (b) GULF POWER may request that the real power output be at any level up to the Committed Capacity of the Facility, provided, in no event shall GULF POWER require the real power output of the Facility to be below the Facility's Minimum Load without decommitting the Facility. The Facility shall deliver the capacity and energy requested by GULF POWER within _____ minutes, taking into account the operating limitations of the generating equipment as specified by the manufacturer, provided such time period specified herein is considered reasonable by prudent industry standards for the technology and equipment being utilized and assuming the Facility is operating at or above its Minimum Load. Start-up time from Cold Shutdown and Facility Turnaround time from Hot to Hot will be taken into consideration provided such are reasonable and consistent with prudent industry practices for the technology and equipment being utilized. The Facility's Operating Characteristics have been provided by the QS and are set forth in Appendix D, Section IV of Rate Schedule QS-2.

8.4.8 If the Facility has a Committed Capacity of less than 75 MW, GULF POWER may require during certain periods, by oral, written, or electronic notification that the QS cause the Facility to reduce output to a level below the Committed Capacity but not lower than the Facility's Minimum Load. GULF POWER shall provide as much notice as practicable, normally such notice will be of at least four (4) hours. The frequency of such request shall not exceed eighteen (18) times per calendar year and the duration of each request shall not exceed four (4) hours.

8.4.9 GULF POWER's exercise of its rights under this Section 8 shall not give rise to any liability or payment obligation on the part of GULF POWER, including any claim for breach of contract or for breach of any covenant of good faith and fair dealing.

9. Completion/Performance Security

The security contemplated by this Section 9 constitutes security for, but is not a limitation of, QS's obligations hereunder and shall not be GULF POWER's exclusive remedy for QS's failure to perform in accordance with this Agreement.

9.1 As security for the achievement of the Guaranteed Capacity Delivery Date and satisfactory performance of its obligations hereunder, the QS shall provide GULF POWER either: (a) an unconditional, irrevocable, standby letter of credit(s) with an expiration date no earlier than the end of the first (1st) anniversary of the Capacity Delivery Date (or the next business day thereafter), issued by a U.S. commercial bank or the U.S. branch of a foreign bank having a Credit Rating of A- or higher by S&P or A3 or higher by Moody's (a "Qualified Issuer"), in form and substance acceptable to GULF POWER (including provisions (i) permitting partial and full draws and (ii) permitting GULF POWER to draw in full if such letter of credit is not renewed or replaced as required by the terms hereof at least thirty (30) business days prior to its expiration date) ("Letter of Credit"); (b) a bond, issued by a financially sound Company acceptable to GULF POWER and in a form and substance acceptable to GULF POWER, ("Bond"); or (c) a cash collateral deposited with GULF POWER ("Cash Collateral") (any of (a), (b), or (c), the "Completion/Performance Security"). Completion/Performance Security shall be provided in the amount and by the date listed below.

(a) \$50.00 per kW (for the number of kW of Committed Capacity set forth in Section 5.1) to be delivered to GULF POWER within five (5) business days of the Effective Date; and

(b) \$100.00 per kW (for the number of kW of Committed Capacity set forth in Section 5.1) to be delivered to GULF POWER two years before the Guaranteed Capacity Delivery Date.

"Credit Rating" means with respect to any entity, on any date of determination, the respective ratings then assigned to such entity's unsecured, senior long-term debt or deposit obligations (not supported by third party credit enhancement) by S&P, Moody's or other specified rating agency or agencies or if such entity does not have a rating for its unsecured, senior long-term debt or deposit obligations, then the rating assigned to such entity as its "corporate credit rating" by S&P.

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"Moody's" means Moody's Investors Service, Inc. or its successor.

"S&P" means Standard & Poor's Ratings Group (a division of The McGraw-Hill Companies, Inc.) or its successor.

9.2 The specific security instrument provided for purposes of this Contract is:

- Letter of Credit.
- Bond.
- Cash Collateral.

9.3 GULF POWER shall have the right to monitor (a) the financial condition of the issuer of a Letter of Credit in the event any Letter of Credit is provided by the QS, and (b) the insurer, in the case of any Bond. In the event the issuer of a Letter of Credit no longer qualifies as Qualified Issuer or the issuer of a Bond is no longer financially sound, GULF POWER may require the QS to replace the Letter of Credit or the Bond, as applicable. Such replacement Letter of Credit or bond must be issued by a Qualified Issuer or a financially sound issuer, as applicable, within ten (10) business days following written notification to the QS of the requirement to replace. Failure by the QS to comply with the requirements of this Section 9.3 shall be grounds for GULF POWER to draw in full on the existing Letter of Credit or bond and to exercise any other remedies it may have hereunder.

9.4 Notwithstanding the foregoing provisions of this Section 9, pursuant to FPSC Rule 25-17.091(4), F.A.C., a QS qualifying as a "Solid Waste Facility" pursuant to Section 377.709(3) or (5), F.S., respectively, may use an unsecured written commitment or promise to pay in a form reasonably acceptable to GULF POWER, by the local government which owns the Facility or on whose behalf the QS operates the Facility, to secure its obligation to achieve on a timely basis the Capacity Delivery Date and the satisfactory performance of its obligations hereunder.

9.5 GULF POWER shall be entitled to draw the Completion/Performance Security to satisfy any obligation or liability of QS arising pursuant to this Contract.

9.5.1 If the QS fails to achieve the Capacity Delivery Date on or before the in-service date of the Avoided Unit or such later date as permitted by GULF POWER pursuant to Section 5.6, GULF POWER shall be entitled immediately to receive, draw upon, or retain, as the case may be, one-hundred (100%) of the Completion/Performance Security as liquidated damages free from any claim or right of any nature whatsoever of the QS, including any equity or right of redemption by the QS. The Parties acknowledge that the injury that GULF POWER will suffer as a result of delayed availability of Committed Capacity and energy is difficult to ascertain and that GULF POWER may accept such sums as liquidated damages and resort to any other remedies which may be available to it under law or in equity.

9.5.2 In the event that GULF POWER requires the QS to perform one or more Committed Capacity Test(s) at any time on or before the first anniversary of the Capacity Delivery Date pursuant to Section 5.3 and, in connection with any such Committed Capacity Test(s), the QS fails to demonstrate a Capacity of at least one-hundred percent (100%) of the Committed Capacity set forth in Section 5.1, GULF POWER shall be entitled immediately to receive, draw upon, or retain, as the case may be, one-hundred percent (100%) of the Completion/Performance Security as liquidated damages free from any claim or right of any nature whatsoever of the QS, including any equity or right of redemption by the QS.

9.5.3 QS shall promptly, but in no event more than five (5) business days following any draws on the Completion/Performance Security, replenish the Completion/Performance Security to the amounts required herein.

9.6 The QS, as the Pledgor of the Completion/Performance Security, hereby pledges to GULF POWER, as the secured Party, as security for the achievement of the Capacity Delivery Date and satisfactory performance of its obligations hereunder, and grants to GULF POWER a first priority continuing security interest in, lien on and right of set-off against all Completion/Performance Security transferred to or received by GULF POWER hereunder. Upon the transfer or return by GULF POWER to the QS of Completion/Performance Security, the security interest and lien granted hereunder on that Completion/Performance Security will be released immediately and, to the extent possible, without any further action by either party.

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9.7 In lieu of any interest, dividends or other amounts paid or deemed to have been paid with respect to Cash Collateral held by GULF POWER (all of which may be retained by GULF POWER), GULF POWER will transfer to the QS on a monthly basis the Interest Amount, as calculated by GULF POWER.

"Interest Amount" means, with respect to each monthly period, the aggregate sum of the amounts of interest calculated for each day in that monthly period on the principal amount of Cash Collateral held by GULF POWER on that day, determined by GULF POWER for each such day as follows:

- (x) the amount of that Cash Collateral on that day; multiplied by
- (y) the Interest Rate in effect for that day; divided by
- (z) 360.

"Interest Rate" means: the Federal Funds Overnight rate as from time to time in effect.

"Federal Funds Overnight Rate" means, for the relevant determination date, the rate opposite the caption "Federal Funds (Effective)" as set forth for that day in the weekly statistical release designated as H.15 (519), or any successor publication, published by the Board of Governors of the Federal Reserve System. If on the determination date such rate is not yet published in H.15 (519), the rate for that date will be the rate set in Composite 3:30 P.M. Quotations for U.S. Government Securities for that day under the caption "Federal Funds/Effective Rate." If on the determination date such rate is not yet published in either H.15 (519) or Composite 3:30 P.M. Quotations for U.S. Government Securities, the rate for that date will be determined as if the Parties had specified "USD-Federal Funds-Reference Dealers" as the applicable rate.

10. Termination Fee

10.1 In the event that the QS receives capacity payments pursuant to Option B, Option C, Option D or Option E (as such options are defined in Appendix A and elected by the QS in Appendix E) or receives energy payments pursuant to the Fixed Firm Energy Payment Option (as such option is defined in Appendix A and elected by the QS in Appendix E) then, upon the termination of this Contract, the QS shall owe and be liable to GULF POWER for a termination fee calculated in accordance with Appendix C (the "Termination Fee"). The QS's obligation to pay the Termination Fee shall survive the termination of this Contract. GULF POWER shall provide the QS, on a monthly basis, a calculation of the Termination Fee.

10.1.1 The Termination Fee shall be secured (with the exception of governmental solid waste facilities covered by FPSC Rule 25-17.091 in which case the QS may use an unsecured written commitment or promise to pay, in a form reasonably acceptable to GULF POWER, by the local government which owns the Facility or on whose behalf the QS operates the Facility, to secure its obligation to pay the Termination Fee) by the QS by: (a) an unconditional, irrevocable, standby letter(s) of credit issued by Qualified Issuer in form and substance acceptable to GULF POWER (including provisions (a) permitting partial and full draws and (b) permitting GULF POWER to draw upon such letter of credit, in full, if such letter of credit is not renewed or replaced at least thirty (30) business days prior to its expiration date, ("Termination Fee Letter of Credit"); (b) a bond, issued by a financially sound Company and in a form and substance acceptable to GULF POWER, ("Termination Fee Bond"); or (c) a cash collateral deposit with GULF POWER ("Termination Fee Cash Collateral") (any of (a), (b), or (c), the "Termination Security").

10.1.2 The specific security instrument selected by the QS for purposes of this Contract is:

- Termination Fee Letter of Credit
- Termination Fee Bond
- Termination Fee Cash Collateral

10.1.3 GULF POWER shall have the right to monitor the financial condition of (i) the issuer of a Termination Fee Letter of Credit in the case of any Termination Fee Letter of Credit and (ii) the insurer(s), in the case of any Termination Fee Bond. In the event the issuer of a Termination Fee Letter of Credit is no longer a Qualified Issuer or the issuer of a Termination Fee Bond is no longer financially sound, GULF POWER may require the QS to replace the Termination Fee Letter of Credit or the Termination Fee Bond, as applicable. In the event that GULF POWER notifies the QS that it requires such a replacement, the replacement Termination Fee Letter of Credit or Termination Fee Bond, as applicable, must be issued by a Qualified Issuer or financially sound company within ten (10) business days following such notification. Failure by the QS to comply with the requirements of this Section 10.1.2 shall be grounds for GULF POWER to draw in full on any existing Termination Fee Letter of Credit or Termination Fee Bond and to exercise any other remedies it may have hereunder.

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10.1.4 After the close of each calendar quarter (March 31, June 30, September 30, and December 31) occurring subsequent to the Capacity Delivery Date, the QS shall provide to GULF POWER within ten (10) business days of the close of such calendar quarter with written assurance and documentation (the "Security Documentation"), in form and substance acceptable to GULF POWER, that the amount of the most recently provided Termination Security is sufficient to cover the balance of the Termination Fee. In addition to the foregoing, at any time during the term of this Contract, GULF POWER shall have the right to request, and the QS shall be obligated to deliver within five (5) business days of such request, such Security Documentation. Failure by the QS to comply with the requirements of this Section 10.1.3 shall be grounds for GULF POWER to draw in full on any existing Termination Fee Letter of Credit or Termination Fee Bond or to retain any Termination Fee Cash Collateral, and to exercise any other remedies it may have hereunder to be applied against any Termination Fee that may be due and owing to GULF POWER or that may in the future be due and owing to GULF POWER.

10.1.5 Upon any termination of this Contract following the Capacity Delivery Date, GULF POWER shall be entitled to receive (and in the case of the Termination Fee Letter of Credit or Termination Fee Bond, draw upon such Termination Fee Letter of Credit or Termination Fee Bond) and retain one- hundred percent (100%) of the Termination Security to be applied against any Termination Fee that may be due and owing to GULF POWER or that may in the future be due and owing to GULF POWER. GULF POWER will transfer to the QS any proceeds and Termination Security remaining after liquidation, set-off and/or application under this Article after satisfaction in full of all amounts payable by the QS with respect to any Termination Fee or other obligations due to GULF POWER; the QS in all events will remain liable for any amounts remaining unpaid after any liquidation, set-off and/or application under this Article.

10.2 The QS, as the Pledgor of the Termination Security, hereby pledges to GULF POWER, as the secured Party, as security for the Termination Fee, and grants to GULF POWER a first priority continuing security interest in, lien on and right of set-off against all Termination Security transferred to or received by GULF POWER hereunder. Upon the transfer or return by GULF POWER to the QS of Termination Security, the security interest and lien granted hereunder on that Termination Security will be released immediately and, to the extent possible, without any further action by either party.

10.3 In lieu of any interest, dividends or other amounts paid or deemed to have been paid with respect to Termination Fee Cash Collateral held by GULF POWER (all of which may be retained by GULF POWER), GULF POWER will transfer to the QS on a monthly basis the Interest Amount, Pursuant to Section 9.7.

11. Performance Factor

GULF POWER desires to provide an incentive to the QS to operate the Facility during on-peak and off-peak periods in a manner which approximates the projected performance of GULF POWER's Avoided Unit. A formula to achieve this objective is attached as Appendix B.

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12. **Default**

Notwithstanding the occurrence of any Force Majeure as described in Section 16, each of the following shall constitute an Event of Default:

- 12.1 The QS fails to meet the applicable requirements specified in Section 1 of this Contract.;
- 12.2 The QS changes or modifies the Facility from that provided in Section 1 with respect to its type, location, technology or fuel source, without prior written approval from GULF POWER.;
- 12.3 After the Capacity Delivery Date, the Facility fails, for twelve (12) consecutive months, to maintain an Annual Capacity Billing Factor, as described in Appendix B, of at least 80%.;
- 12.4 The QS fails to comply with any of the provisions of Section 9.0 hereof (Completion/Performance Security).
- 12.5 The QS fails to comply with any of the provisions of Section 10.0 hereof (Termination Security).;
- 12.6 The QS ceases the conduct of active business; or if proceedings under the federal bankruptcy law or insolvency laws shall be instituted by or for or against the QS or if a receiver shall be appointed for the QS or any of its assets or properties; or if any part of the QS's assets shall be attached, levied upon, encumbered, pledged, seized or taken under any judicial process, and such proceedings shall not be vacated or fully stayed within 30 days thereof; or if the QS shall make an assignment for the benefit of creditors, or admit in writing its inability to pay its debts as they become due.
- 12.7 The QS fails to give proper assurance acceptable to GULF POWER of adequate performance as specified under this Contract within 30 days after GULF POWER, with reasonable grounds for insecurity, has requested in writing such assurance-.
- 12.8 The QS materially fails to perform as specified under this Contract, including, but not limited to, the QS's obligations under any part of Sections 8, and 18.
- 12.9 The QS fails to achieve the permitting, licensing, certification, and all federal, state and local governmental environmental and licensing approvals required to initiate construction of the Facility by no later than one year prior to Guaranteed Capacity Date.
- 12.10 The QS fails to comply with any of the provisions of Section 18.3 hereof (Project Management).
- 12.11 Any of the representations or warranties made by the QS in this Contract is false or misleading in any material respect.
- 12.12 The occurrence of an event of default by the QS under the Interconnection Agreement or any applicable Wheeling Agreement;
- 12.13 The QS fails to satisfy its obligations under Section 18.14 hereof (Assignment).
- 12.14 The QS fails to deliver to GULF POWER in accordance with this Contract any energy or firm capacity required to be delivered hereunder or the delivery or sale of any such energy and firm capacity to an entity other than GULF POWER.
- 12.15 The QS fails to perform any material covenant or obligation under this Contract not specifically mentioned in this Section 12.
- 12.16 If at any time after the Capacity Delivery Date, the QS reduces the Committed Capacity due to an event of Force Majeure and fails to repair the Facility and reset the Committed Capacity to the level set forth in Section 5.1 (as such level may be reduced by Section 5.3) within twelve (12) months following the occurrence of such event of Force Majeure.

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13. GULF POWER's Rights in the Event of Default

13.1 Upon the occurrence of any of the Events of Default in Section 12, GULF POWER may:

- (a) terminate this Contract, without penalty or further obligation, except as set forth in Section 13.2, by written notice to the QS, and offset against any payment(s) due from GULF POWER to the QS, any monies otherwise due from the QS to GULF POWER;
- (b) draw on the Completion/Performance Security pursuant to Section 9 or collect the Termination Fee pursuant to Section 10 as applicable; and
- (c) exercise any other remedy(ies) which may be available to GULF POWER at law or in equity.

13.2 In the case of an Event of Default, the QS recognizes that any remedy at law may be inadequate because this Contract is unique and/or because the actual damages of GULF POWER may be difficult to reasonably ascertain. Therefore, the QS agrees that GULF POWER shall be entitled to pursue an action for specific performance, and the QS waives all of its rights to assert as a defense to such action that GULF POWER's remedy at law is adequate.

13.3 Termination shall not affect the liability of either party for obligations arising prior to such termination or for damages, if any, resulting from any breach of this Contract.

14. Indemnification/Limits

14.1 GULF POWER and the QS shall each be responsible for its own facilities. GULF POWER and the QS shall each be responsible for ensuring adequate safeguards for other GULF POWER customers, GULF POWER's and the QS's personnel and equipment, and for the protection of its own generating system. Each party (the "Indemnifying Party") agrees, to the extent permitted by applicable law, to indemnify, pay, defend, and hold harmless the other party (the "Indemnified Party") and its officers, directors, employees, agents and contractors (hereinafter called respectively, "GULF POWER Entities" and "QS Entities") from and against any and all claims, demands, costs, or expenses for loss, damage, or injury to persons or property of the Indemnified Party (or to third parties) caused by, arising out of, or resulting from: (a) a breach by the Indemnifying Party of its covenants, representations, and warranties or obligations hereunder; (b) any act or omission by the Indemnifying Party or its contractors, agents, servants or employees in connection with the installation or operation of its generation system or the operation thereof in connection with the other Party's system; (c) any defect in, failure of, or fault related to, the Indemnifying Party's generation system; (d) the negligence or willful misconduct of the Indemnifying Party or its contractors, agents, servants or employees; or (e) any other event, act or incident, including the transmission and use of electricity, that is the result of, or proximately caused by, the Indemnifying Party or its contractors, agents, servants or employees.

14.2 Payment by an Indemnified Party will not be a condition precedent to the obligations of the Indemnifying Party under Section 14. No Indemnified Party under Section 14 shall settle any claim for which it claims indemnification hereunder without first allowing the Indemnifying Party the right to defend such a claim. The Indemnifying Party shall have no obligations under Section 14 in the event of a breach of the foregoing sentence by the Indemnified Party. Section 14 shall survive termination of this Agreement.

14.3 Limitation on Consequential, Incidental and Indirect Damages. TO THE FULLEST EXTENT PERMITTED BY LAW, NEITHER THE QS NOR GULF POWER, NOR THEIR RESPECTIVE OFFICERS, DIRECTORS, AGENTS, EMPLOYEES, MEMBERS, PARENTS, SUBSIDIARIES OR AFFILIATES, SUCCESSORS OR ASSIGNS, OR THEIR RESPECTIVE OFFICERS, DIRECTORS, AGENTS, EMPLOYEES, MEMBERS, PARENTS, SUBSIDIARIES OR AFFILIATES, SUCCESSORS OR ASSIGNS, SHALL BE LIABLE TO THE OTHER PARTY OR THEIR RESPECTIVE OFFICERS, DIRECTORS, AGENTS, EMPLOYEES, MEMBERS, PARENTS, SUBSIDIARIES OR AFFILIATES, SUCCESSORS OR ASSIGNS, FOR CLAIMS, SUITS, ACTIONS OR CAUSES OF ACTION FOR INCIDENTAL, INDIRECT, SPECIAL, PUNITIVE, MULTIPLE OR CONSEQUENTIAL DAMAGES CONNECTED WITH OR RESULTING FROM PERFORMANCE OR NON-PERFORMANCE OF THIS CONTRACT, OR ANY ACTIONS UNDERTAKEN IN CONNECTION WITH OR RELATED TO THIS CONTRACT, INCLUDING WITHOUT LIMITATION, ANY SUCH DAMAGES WHICH ARE BASED UPON CAUSES OF ACTION FOR BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE AND MISREPRESENTATION), BREACH OF WARRANTY, STRICT LIABILITY, STATUTE, OPERATION OF LAW, UNDER ANY INDEMNITY PROVISION OR ANY OTHER THEORY OF RECOVERY. TO THE EXTENT ANY DAMAGES REQUIRED TO BE PAID HEREUNDER ARE LIQUIDATED, THE PARTIES ACKNOWLEDGE THAT THE DAMAGES ARE DIFFICULT OR IMPOSSIBLE TO DETERMINE, THAT OTHERWISE OBTAINING AN ADEQUATE REMEDY IS INCONVENIENT, AND THAT THE LIQUIDATED DAMAGES CONSTITUTE A REASONABLE APPROXIMATION OF THE ANTICIPATED HARM OR LOSS. IF NO REMEDY OR MEASURE OF DAMAGES IS EXPRESSLY PROVIDED HEREIN, THE OBLIGOR'S LIABILITY SHALL BE LIMITED TO DIRECT DAMAGES ONLY, AND SUCH DIRECT DAMAGES SHALL BE THE SOLE AND EXCLUSIVE MEASURE OF DAMAGES AND

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ALL OTHER REMEDIES OR DAMAGES AT LAW OR IN EQUITY ARE WAIVED; PROVIDED, HOWEVER, THE PARTIES AGREE THAT THE FOREGOING LIMITATIONS WILL NOT IN ANY WAY LIMIT LIABILITY OR DAMAGES UNDER ANY THIRD PARTY CLAIMS OR THE LIABILITY OF A PARTY WHOSE ACTIONS GIVING RISE TO SUCH LIABILITY CONSTITUTE GROSS NEGLIGENCE OR WILLFUL MISCONDUCT. THE PROVISIONS OF THIS SECTION SHALL APPLY REGARDLESS OF FAULT AND SHALL SURVIVE TERMINATION, CANCELLATION, SUSPENSION, COMPLETION OR EXPIRATION OF THIS CONTRACT. NOTHING CONTAINED IN THIS AGREEMENT SHALL BE DEEMED TO BE A WAIVER OF A PARTY'S RIGHT TO SEEK INJUNCTIVE RELIEF.

15. Insurance

15.1 The QS shall procure or cause to be procured, and shall maintain throughout the entire term of this Contract, a policy or policies of liability insurance issued by an insurer acceptable to GULF POWER on a standard "Insurance Services Office" commercial general liability form (such policy or policies, collectively, the "QS Insurance"). A certificate of insurance shall be delivered to GULF POWER at least fifteen (15) calendar days prior to the start of any interconnection work. At a minimum, the QS Insurance shall contain (a) an endorsement providing coverage, including products liability/completed operations coverage for the term of this Contract, and (b) a broad form contractual liability endorsement covering liabilities (i) which might arise under, or in the performance or nonperformance of, this Contract and the Interconnection Agreement, or (ii) caused by operation of the Facility or any of the QS's equipment or by the QS's failure to maintain the Facility or the QS's equipment in satisfactory and safe operating condition. Effective at least fifteen (15) calendar days prior to the synchronization of the Facility with GULF POWER's system, the QS Insurance shall be amended to include coverage for interruption or curtailment of power supply in accordance with industry standards. Without limiting the foregoing, the QS Insurance must be reasonably acceptable to GULF POWER. Any premium assessment or deductible shall be for the account of the QS and not GULF POWER.

15.2 The QS Insurance shall have a minimum limit of one million dollars (\$1,000,000) per occurrence, combined single limit, for bodily injury (including death) or property damage.

15.3 In the event that such insurance becomes totally unavailable or procurement thereof becomes commercially impracticable, such unavailability shall not constitute an Event of Default under this Contract, but GULF POWER and the QS shall enter into negotiations to develop substitute protection which the Parties in their reasonable judgment deem adequate.

15.4 To the extent that the QS Insurance is on a "claims made" basis, the retroactive date of the policy(ies) shall be the effective date of this Contract or such other date as may be agreed upon to protect the interests of the GULF POWER Entities and the QS Entities. Furthermore, to the extent the QS Insurance is on a "claims made" basis, the QS's duty to provide insurance coverage shall survive the termination of this Contract until the expiration of the maximum statutory period of limitations in the State of Florida for actions based in contract or in tort. To the extent the QS Insurance is on an "occurrence" basis, such insurance shall be maintained in effect at all times by the QS during the term of this Contract.

15.5 The QS Insurance shall provide that it may not be cancelled or materially altered without at least thirty (30) calendar days' written notice to GULF POWER. The QS shall provide GULF POWER with a copy of any material communication or notice related to the QS Insurance within ten (10) business days of the QS's receipt or issuance thereof.

15.6 The QS shall be designated as the named insured and GULF POWER shall be designated as an additional named insured under the QS Insurance. The QS Insurance shall be endorsed to be primary to any coverage maintained by GULF POWER.

16. Force Majeure

Force Majeure is defined as an event or circumstance that is not within the reasonable control of, or the result of the negligence of, the affected party, and which, by the exercise of due diligence, the affected party is unable to overcome, avoid, or cause to be avoided in a commercially reasonable manner. Such events or circumstances may include, but are not limited to, acts of God, war, riot or insurrection, blockades, embargoes, sabotage, epidemics, explosions and fires not originating in the Facility or caused by its operation, hurricanes, floods, strikes, lockouts or other labor disputes, difficulties (not caused by the failure of the affected party to comply with the terms of a collective bargaining agreement), or actions or restraints by court order or governmental authority or arbitration award. Force Majeure shall not include (a) the QS's ability to sell capacity and energy to another market at a more advantageous price; (b) equipment breakdown or inability to use equipment caused by its design, construction, operation, maintenance or inability to meet regulatory standards, or otherwise caused by an event originating in the Facility; (c) a failure of performance of any other entity, including any entity providing electric transmission service to the QS, except to the extent that such failure was caused by an event that would otherwise qualify as a Force Majeure event; (d) failure of the QS to timely apply for or obtain permits.

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16.1 Except as otherwise provided in this Contract, each party shall be excused from performance when its nonperformance was caused, directly or indirectly by an event of Force Majeure.

16.2 In the event of any delay or nonperformance resulting from an event of Force Majeure, the party claiming Force Majeure shall notify the other party in writing within two (2) business days of the occurrence of the event of Force Majeure, of the nature, cause, date of commencement thereof and the anticipated extent of such delay, and shall indicate whether any deadlines or date(s), imposed hereunder may be affected thereby. The suspension of performance shall be of no greater scope and of no greater duration than the cure for the Force Majeure requires. A party claiming Force Majeure shall not be entitled to any relief therefore unless and until conforming notice is provided. The party claiming Force Majeure shall notify the other party of the cessation of the event of Force Majeure or of the conclusion of the affected party's cure for the event of Force Majeure, in either case within two (2) business days thereof.

16.3 The party claiming Force Majeure shall use its best efforts to cure the cause(s) preventing its performance of this Contract; provided, however, the settlement of strikes, lockouts and other labor disputes shall be entirely within the discretion of the affected party, and such party shall not be required to settle such strikes, lockouts or other labor disputes by acceding to demands which such party deems to be unfavorable.

16.4 If the QS suffers an occurrence of an event of Force Majeure that reduces the generating capability of the Facility below the Committed Capacity, the QS may, upon notice to GULF POWER, temporarily adjust the Committed Capacity as provided in Sections 16.5 and 16.6. Such adjustment shall be effective the first calendar day immediately following GULF POWER's receipt of the notice or such later date as may be specified by the QS. Furthermore, such adjustment shall be the minimum amount necessitated by the event of Force Majeure.

16.5 If the Facility is rendered completely inoperative as a result of Force Majeure, the QS shall temporarily set the Committed Capacity equal to 0 KW until such time as the Facility can partially or fully operate at the Committed Capacity that existed prior to the Force Majeure. If the Committed Capacity is 0 KW, GULF POWER shall have no obligation to make capacity payments hereunder.

16.6 If, at any time during the occurrence of an event of Force Majeure or during its cure, the Facility can partially or fully operate, then the QS shall temporarily set the Committed Capacity at the maximum capability that the Facility can reasonably be expected to operate.

16.7 Upon the cessation of the event of Force Majeure or the conclusion of the cure for the event of Force Majeure, the Committed Capacity shall be restored to the Committed Capacity that existed immediately prior to the Force Majeure. Notwithstanding any other provision of this Contract, upon such cessation or cure, GULF POWER shall have the right to require a Committed Capacity Test to demonstrate the Facility's compliance with the requirements of this section 16.7. Any Committed Capacity Test required by GULF POWER under this Section shall be additional to any Committed Capacity Test under Section 5.3.

16.8 During the occurrence of an event of Force Majeure and a reduction in Committed Capacity under Section 16.4, all Monthly Capacity Payments shall reflect, pro rata, the reduction in Committed Capacity, and the Monthly Capacity Payments will continue to be calculated in accordance with the pay-for-performance provisions in Appendix B.

16.9 The QS agrees to be responsible for and pay the costs necessary to reactivate the Facility and/or the interconnection with GULF POWER's system if the same is (are) rendered inoperable due to actions of the QS, its agents, or Force Majeure events affecting the QS, the Facility or the interconnection with GULF POWER. GULF POWER agrees to reactivate, at its own cost, the interconnection with the Facility in circumstances where any interruptions to such interconnections are caused by GULF POWER or its agents.

17. Representations, Warranties, and Covenants of QS

The QS represents and warrants that as of the Effective Date and for the term of this Contract:

17.1 Organization, Standing and Qualification

The QS is a _____ (corporation, partnership, or other, as applicable) duly organized and validly existing in good standing under the laws of _____ and has all necessary power and authority to carry on its business as presently conducted, to own or hold under lease its properties and to enter into and perform its obligations under this Contract and all other related documents and agreements to which it is or shall be a Party. The QS is duly qualified or licensed to do business in the State of Florida and in all other jurisdictions wherein the nature of its business and operations or the character of the properties owned or leased by it makes such qualification or licensing necessary and where the failure to be so qualified or licensed would impair its ability to perform its obligations under this Contract or would result in a material liability to or would have a material adverse effect on GULF POWER.

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17.2 Due Authorization, No Approvals, No Defaults, etc.

Each of the execution, delivery and performance by the QS of this Contract has been duly authorized by all necessary action on the part of the QS, does not require any approval, except as has been heretofore obtained, of the _____ (shareholders, partners, or others, as applicable) of the QS or any consent of or approval from any trustee, lessor or holder of any indebtedness or other obligation of the QS, except for such as have been duly obtained, and does not contravene or constitute a default under any law, the _____ (articles of incorporation, bylaws, or other as applicable) of the QS, or any agreement, judgment, injunction, order, decree or other instrument binding upon the QS, or subject the Facility or any component part thereof to any lien other than as contemplated or permitted by this Contract. This Contract constitutes QS's legal, valid and binding obligation, enforceable against it in accordance with the terms hereof, except as such enforceability may be limited by applicable bankruptcy laws from time to time in effect that affect creditors' rights generally or by general principles of equity (regardless of whether such enforcement is considered in equity or at law).

17.3 Compliance with Laws

The QS has knowledge of all laws and business practices that must be followed in performing its obligations under this Contract. The QS is in compliance with all laws, except to the extent that failure to comply therewith would not, in the aggregate, have a material adverse effect on the QS or GULF POWER.

17.4 Governmental Approvals

Except as expressly contemplated herein, neither the execution and delivery by the QS of this Contract, nor the consummation by the QS of any of the transactions contemplated thereby, requires the consent or approval of, the giving of notice to, the registration with, the recording or filing of any document with, or the taking of any other action in respect of governmental authority, except in respect of _____ (a) which have already been obtained and are in full force and effect or (b) are not yet required (and with respect to which the QS has no reason to believe that the same will not be readily obtainable in the ordinary course of business upon due application therefore).

17.5 No Suits, Proceedings

There are no actions, suits, proceedings or investigations pending or, to the knowledge of the QS, threatened against it at law or in equity before any court or tribunal of the United States or any other jurisdiction which individually or in the aggregate could result in any materially adverse effect on the QS's business, properties, or assets or its condition, financial or otherwise, or in any impairment of its ability to perform its obligations under this Contract. The QS has no knowledge of a violation or default with respect to any law which could result in any such materially adverse effect or impairment. The QS is not in breach of, in default under, or in violation of, any applicable Law, or the provisions of any authorization, or in breach of, in default under, or in violation of, or in conflict with any provision of any promissory note, indenture or any evidence of indebtedness or security therefore, lease, contract, or other agreement by which it is bound, except for any such breaches, defaults, violations or conflicts which, individually or in the aggregate, could not reasonably be expected to have a material adverse effect on the business or financial condition of Buyer or its ability to perform its obligations hereunder.

17.6 Environmental Matters

17.6.1 QS Representations

To the best of its knowledge after diligent inquiry, the QS knows of no (a) existing violations of any environmental laws at the Facility, including those governing hazardous materials or (b) pending, ongoing, or unresolved administrative or enforcement investigations, compliance orders, claims, demands, actions, or other litigation brought by governmental authorities or other third parties alleging violations of any environmental law or permit which would materially and adversely affect the operation of the Facility as contemplated by this Contract.

17.6.2 Ownership and Offering For Sale Of Renewable Energy Attributes

The QS retains any and all rights to own and to sell any and all environmental attributes associated with the electric generation of the Facility, including but not limited to, any and all renewable energy certificates, "green tags" or other tradable environmental interests (collectively "RECs"), of any description.

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17.6.3 Changes in Environmental and Governmental Regulations

If new environmental and other regulatory requirements enacted during the term of the Contract change GULF POWER's full avoided cost of the unit on which the Contract is based, either party can elect to have the contract reopened.

17.7 Interconnection/Wheeling Agreement

The QS has executed an interconnection agreement with GULF POWER, or represents or warrants that it has entered into a valid and enforceable Interconnection Agreement with the utility in whose service territory the Facility is located, pursuant to which the QS assumes contractual responsibility to make any and all transmission-related arrangements (including control area services) between the QS and the transmitting utility for delivery of the Facility's capacity and energy to GULF POWER.

17.8 Technology and Generator Capabilities

That for the term of this Contract the Technology and Generator Capabilities table set forth in Section 1 is accurate and complete.

18. General Provisions

18.1 Project Viability

To assist GULF POWER in assessing the QS's financial and technical viability, the QS shall provide the information and documents requested in Appendix D or substantially similar documents, to the extent the documents apply to the type of Facility covered by this Contract, and to the extent the documents are available. All documents to be considered by GULF POWER must be submitted at the time this Contract is presented to GULF POWER. Failure to provide the following such documents may result in a determination of non-viability by GULF POWER.

18.2 Permits; Site Control

The QS hereby agrees to obtain and maintain Permits which the QS is required to obtain as a prerequisite to engaging in the activities specified in this Contract. QS shall also obtain and maintain Site Control for the Term of the Contract.

18.3 Project Management

18.3.1 If requested by GULF POWER, the QS shall submit to GULF POWER its integrated project schedule for GULF POWER's review within sixty calendar days from the execution of this Contract, and a start-up and test schedule for the Facility at least sixty calendar days prior to start-up and testing of the Facility. These schedules shall identify key licensing, permitting, construction and operating milestone dates and activities. If requested by GULF POWER, the QS shall submit progress reports in a form satisfactory to GULF POWER every calendar month until the Capacity Delivery Date and shall notify GULF POWER of any changes in such schedules within ten calendar days after such changes are determined. GULF POWER shall have the right to monitor the construction, start-up and testing of the Facility, either on-site or off-site. GULF POWER's technical review and inspections of the Facility and resulting requests, if any, shall not be construed as endorsing the design thereof or as any warranty as to the safety, durability or reliability of the Facility.

18.3.2 The QS shall provide GULF POWER with the final designer's/manufacturer's generator capability curves, protective relay types, proposed protective relay settings, main one-line diagrams, protective relay functional diagrams, and alternating current and direct current elementary diagrams for review and inspection at GULF POWER no later than one hundred eighty calendar days prior to the initial synchronization date.

18.4 Assignment

This Agreement shall inure to the benefit of and shall be binding upon the Parties and their respective successors and assigns. This Agreement shall not be assigned or transferred by either Party without the prior written consent of the other Party, such consent to be granted or withheld in such other Party's sole discretion. Any direct or indirect change of control of QS (whether voluntary or by operation of law) shall be deemed an assignment and shall require the prior written consent of GULF POWER. Notwithstanding the foregoing, either Party may, without the consent of the other Party, assign or transfer this Agreement: (a) to any lender as collateral security for obligations under any financing documents entered into with such lender provided, QS shall be responsible for GULF POWER's reasonable costs and expenses associated with the review, negotiation, execution and delivery of any documents or information pursuant to such collateral assignment, including reasonable attorneys' fees (b) to an affiliate of such Party, *provided*, that such affiliate's creditworthiness is equal to or better than that of such Party (and in no event less than Investment Grade) as determined reasonably by the non-assigning or non-transferring Party and; *provided, further*, that any such affiliate shall agree in writing to be bound by and to assume the terms and conditions hereof and any and all obligations to the non-assigning or non-transferring Party arising or accruing hereunder from and after the date of such assumption. "Investment Grade" means BBB- or above from Standard & Poor's Corporation or Baa2 or above from Moody's Investor Services.

18.5 Disclaimer

In executing this Contract, GULF POWER does not, nor should it be construed, to extend its credit or financial support for the benefit of any third parties lending money to or having other transactions with the QS or any assignee of this Contract.

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18.6 Notification

All formal notices relating to this Contract shall be deemed duly given when delivered in person, or sent by registered or certified mail, or sent by fax if followed immediately with a copy sent by registered or certified mail, to the individuals designated below. The Parties designate the following individuals to be notified or to whom payment shall be sent until such time as either Party furnishes the other Party written instructions to contact another individual:

For the QS: _____

For GULF POWER:

Gulf Power Company

700 Universe Boulevard
Juno Beach, FL 33408
Attn: EMT Contracts Department

This signed Contract and all related documents may be presented no earlier than 8:00 a.m. on the effective date of the Standard Offer Contract, as determined by the FPSC. Contracts and related documents may be mailed to the address below or delivered during normal business hours (8:00 a.m. to 4:45 p.m.) to the visitors' entrance at the address below:
Gulf Power Company
700 Universe Boulevard, Juno Beach, FL 33408
Attention: Contracts Manager/Coordinator
EMT Contracts Department

18.7 Applicable Law

This Contract shall be construed in accordance with and governed by, and the rights of the Parties shall be construed in accordance with, the laws of the State of Florida as to all matters, including but not limited to matters of validity, construction, effect, performance and remedies, without regard to conflict of law rules thereof.

18.8 Venue

The Parties hereby irrevocably submit to the exclusive jurisdiction of the United States District Court for the Southern District of Florida or, in the event that jurisdiction for any matter cannot be established in the United States District Court for the Southern District of Florida, in the state court for Palm Beach County, Florida, solely in respect of the interpretation and enforcement of the provisions of this Contract and of the documents referred to in this Contract, and in respect of the transactions contemplated hereby, and hereby waive, and agree not to assert, as a defense in any action, suit or proceeding for the interpretation or enforcement hereof or of any such document, that it is not subject thereto or that such action, suit or proceeding may not be brought or is not maintainable in said courts or that the venue thereof may not be appropriate or that this Contract or any such document may not be enforced in or by such courts, and the Parties hereto irrevocably agree that all claims with respect to such action or proceeding shall be heard and determined in such a court. The Parties hereby consent to and grant any such court jurisdiction over the persons of such Parties solely for such purpose and over the subject matter of such dispute and agree that mailing of process or other papers in connection with any such action or proceeding in the manner provided in Section 18.8 hereof or in such other manner as may be permitted by Law shall be valid and sufficient service thereof.

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18.9. Waiver of Jury Trial. EACH PARTY ACKNOWLEDGES AND AGREES THAT ANY CONTROVERSY WHICH MAY ARISE UNDER THIS CONTRACT IS LIKELY TO INVOLVE COMPLICATED AND DIFFICULT ISSUES, AND THEREFORE EACH PARTY HEREBY IRREVOCABLY AND UNCONDITIONALLY WAIVES ANY RIGHT A PARTY MAY HAVE TO A TRIAL BY JURY IN RESPECT OF ANY LITIGATION RESULTING FROM, ARISING OUT OF OR RELATING TO THIS CONTRACT OR THE TRANSACTIONS CONTEMPLATED HEREBY. EACH PARTY CERTIFIES AND ACKNOWLEDGES THAT (a) NO REPRESENTATIVE, AGENT OR ATTORNEY OF THE OTHER PARTY HAS REPRESENTED, EXPRESSLY OR OTHERWISE, THAT SUCH OTHER PARTY WOULD NOT, IN THE EVENT OF LITIGATION, SEEK TO ENFORCE THE FOREGOING WAIVER, (b) EACH PARTY UNDERSTANDS AND HAS CONSIDERED THE IMPLICATIONS OF THIS WAIVER, (c) EACH PARTY MAKES THIS WAIVER VOLUNTARILY AND (d) EACH PARTY HAS BEEN INDUCED TO ENTER INTO THIS CONTRACT BY, AMONG OTHER THINGS, THE MUTUAL WAIVERS AND CERTIFICATIONS IN THIS SECTION 18.9

18.10 Taxation

In the event that GULF POWER becomes liable for additional taxes, including interest and/or penalties arising from an Internal Revenue Service's determination, through audit, ruling or other authority, that GULF POWER's payments to the QS for capacity under Options B, C, D, E or for energy pursuant to the Fixed Firm Energy Payment Option D are not fully deductible when paid (additional tax liability), GULF POWER may bill the QS monthly for the costs, including carrying charges, interest and/or penalties, associated with the fact that all or a portion of these capacity payments are not currently deductible for federal and/or state income tax purposes. GULF POWER, at its option, may offset these costs against amounts due the QS hereunder. These costs would be calculated so as to place GULF POWER in the same economic position in which it would have been if the entire capacity payments had been deductible in the period in which the payments were made. If GULF POWER decides to appeal the Internal Revenue Service's determination, the decision as to whether the appeal should be made through the administrative or judicial process or both, and all subsequent decisions pertaining to the appeal (both substantive and procedural), shall rest exclusively with GULF POWER.

18.11 Severability

If any part of this Contract, for any reason, is declared invalid, or unenforceable by a public authority of appropriate jurisdiction, then such decision shall not affect the validity of the remainder of the Contract, which remainder shall remain in force and effect as if this Contract had been executed without the invalid or unenforceable portion.

18.12 Complete Agreement and Amendments

All previous communications or agreements between the Parties, whether verbal or written, with reference to the subject matter of this Contract are hereby abrogated. No amendment or modification to this Contract shall be binding unless it shall be set forth in writing and duly executed by both Parties. This Contract constitutes the entire agreement between the Parties.

18.13 Survival of Contract

This Contract, as it may be amended from time to time, shall be binding upon, and inure to the benefit of, the Parties' respective successors-in-interest and legal representatives.

18.14 Record Retention

The QS agrees to retain for a period of five (5) years from the date of termination hereof all records relating to the performance of its obligations hereunder, and to cause all QS Entities to retain for the same period all such records.

18.15 No Waiver

No waiver of any of the terms and conditions of this Contract shall be effective unless in writing and signed by the Party against whom such waiver is sought to be enforced. Any waiver of the terms hereof shall be effective only in the specific instance and for the specific purpose given. The failure of a Party to insist, in any instance, on the strict performance of any of the terms and conditions hereof shall not be construed as a waiver of such Party's right in the future to insist on such strict performance.

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18.16 Set-Off

GULF POWER may at any time, but shall be under no obligation to, set off any and all sums due from the QS against sums due to the QS hereunder.

18.17 Assistance With GULF POWER's evaluation of FIN 46R

Accounting rules set forth in Financial Accounting Standards Board Interpretation No. 46 (Revised December 2003) ("FIN 46R"), as well as future amendments and interpretations of those rules, may require GULF POWER to evaluate whether the QS must be consolidated, as a variable interest entity (as defined in FIN 46R), in the consolidated financial statements of GULF POWER. The QS agrees to fully cooperate with GULF POWER and make available to GULF POWER all financial data and other information, as deemed necessary by GULF POWER, to perform that evaluation on a timely basis at inception of the PPA and periodically as required by FIN 46R. If the result of an evaluation under FIN 46R indicates that the QS must be consolidated in the financial statements of GULF POWER, the QS agrees to provide financial statements, together with other required information, as determined by GULF POWER, for inclusion in disclosures contained in the footnotes to the financial statements and in GULF POWER's required filings with the Securities and Exchange Commission ("SEC"). The QS shall provide this information to GULF POWER in a timeframe consistent with GULF POWER's earnings release and SEC filing schedules, to be determined at GULF POWER's discretion. The QS also agrees to fully cooperate with GULF POWER and GULF POWER's independent auditors in completing an assessment of the QS's internal controls as required by the Sarbanes-Oxley Act of 2002 and in performing any audit procedures necessary for the independent auditors to issue their opinion on the consolidated financial statements of GULF POWER. GULF POWER will treat any information provided by the QS in satisfying Section 18.17 as confidential information and shall only disclose such information to the extent required by accounting and SEC rules and any applicable laws.

IN WITNESS WHEREOF, the QS and GULF POWER executed this Contract this _____ day of _____.

WITNESS: _____ GULF POWER COMPANY

Date _____

WITNES: _____ (QS)

Date _____

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Canceling Fourth Revised Sheet No 9.81

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**RATE SCHEDULE QS-
2 APPENDIX A
TO THE STANDARD OFFER CONTRACT
STANDARD RATE FOR PURCHASE OF FIRM CAPACITY AND ENERGY
FROM A RENEWABLE ENERGY FACILITY
OR A QUALIFYING FACILITY WITH A DESIGN CAPACITY OF 100 KW OR LESS**

SCHEDULE

QS-2, Firm Capacity and Energy

AVAILABLE

The Company will, under the provisions of this Schedule and the Company's "Standard Offer Contract for the Purchase of Firm Capacity and Energy from a Renewable Energy Facility or a Qualifying Facility with a design capacity of 100 KW or less" ("Standard Offer Contract"), purchase firm capacity and energy offered by a Renewable Energy Facility specified in Section 366.91, Florida Statutes or by a Qualifying Facility with a design capacity of 100 KW or less as specified in FPSC Rule 25-17- 0832(4) and which is either directly or indirectly interconnected with the Company. Both of these types of facilities shall also be referred to herein as Qualified Seller or "QS".

The Company will petition the FPSC for closure upon any of the following as related to the generating unit upon which this standard offer contract is based i.e. the Avoided Unit : (a) a request for proposals (RFP) pursuant to Rule 25-22.082, F.A.C., is issued, (b) the Company files a petition for a need determination or commences construction of the Avoided Unit when the generating unit is not subject to Rule 25-22.082, F.A.C., or (c) the generating unit upon which the standard offer contract is based is no longer part of the utility's generation plan, as evidenced by a petition to that effect filed with the Commission or by the utility's most recent Ten Year Site Plan.

APPLICABLE

To Renewable Energy Facilities as specified in Section 366.91, Florida Statutes producing capacity and energy from qualified renewable resources for sale to the Company on a firm basis pursuant to the terms and conditions of this schedule and the Company's "Standard Offer Contract". Firm Renewable Capacity and Renewable Energy are capacity and energy produced and sold by a QS pursuant to the Standard Offer Contract provisions addressing (among other things) quantity, time and reliability of delivery.

To Qualifying Facilities ("QF"), with a design capacity of 100 KW or less, as specified in FPSC Rule 25-17.0832(4)(a) 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 "Standard Offer Contract", Firm Capacity and Energy are described by FPSC Rule 25-17.0832, F.A.C., and are capacity and energy produced and sold by a QF pursuant to the Standard Offer Contract provisions addressing (among other things) quantity, time and reliability of delivery.

CHARACTER OF SERVICE

Purchases 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. Purchases from outside 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 entity delivering the Firm Energy and Capacity from the QS.

LIMITATION

Purchases under this schedule are subject to Section 366.91, Florida Statutes and/or FPSC Rules 25-17.0832 through 25-17.091, F.A.C., and 25-17.200 through 25-17.310 F.A.C and are limited to those Facilities which:

- A. Commit to commence deliveries of firm capacity and energy no later than the in-service date of the Avoided Unit, as detailed in Appendix II, and to continue such deliveries for a period of at least 10 years up to a maximum of the life of the avoided unit;
- B. Are not currently under contract with the Company or with any other entity for the Facility's output for the period specified above

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RATES FOR PURCHASES BY THE COMPANY

Firm Capacity and Energy are purchased at a unit cost, in dollars per kilowatt per month and cents per kilowatt-hour, respectively, based on the capacity required by the Company. For the purpose of this Schedule, an Avoided Unit has been designated by the Company, and is detailed in Appendix II to this Schedule. Appendix I to this Schedule describes the methodology used to calculate payment schedules, applicable to the Company's Standard Offer Contract filed and approved pursuant to Section 366.91, Florida Statutes and to FPSC Rules 25-17.082 through 25-17.091, F.A.C and 25-17.200 through 25-17.310, F.A.C.

A. Firm Capacity Rates

Options A through E are available for payment of firm capacity which is produced by a QS and delivered to the Company. Once selected, an option shall remain in effect for the term of the Standard Offer Contract with the Company. A payment schedule, for the normal payment option as shown below, contains the monthly rate per kilowatt of Firm Capacity which the QS has contractually committed to deliver to the Company and is based on a contract term which extends ten (10) years beyond the in-service date of the Avoided Unit. Payment schedules for other contract terms, as specified in Appendix E, will be made available to any QS upon request and may be calculated based upon the methodologies described in Appendix I. The currently approved parameters used to calculate the schedule of payments are found in Appendix II to this Schedule.

Adjustment to Capacity Payment

The firm capacity rates will be adjusted to reflect the impact that the location of the QS will have on GULF POWER system reliability due to constraints imposed on the operation of GULF POWER transmission tie lines.

Appendix III shows, for illustration purposes, the factors that would be used to adjust the firm capacity rate for different geographical areas. The actual adjustment would be determined on a case-by-case basis. The amount of such adjustment, as well as a binding contract rate for firm capacity, shall be provided to the QS within sixty days of GULF POWER execution of the signed Standard Offer Contract.

Option A - Fixed Value of Deferral Payments - Normal Capacity

Payment schedules under this option are based on the value of a single year purchase with an in-service date of the Avoided Unit, as described in Appendix I. Once this option is selected, the current schedule of payments shall remain fixed and in effect throughout the term of the Standard Offer Contract.

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Option B - Fixed Value of Deferral Payments - Early Capacity

Payment schedules under this option are based upon the early capital cost component of the value of a year-by-year deferral of the Company's Avoided Unit provided; however, that under no circumstances may payments begin before the QS is delivering firm capacity and energy to the Company pursuant to the terms of the Standard Offer Contract. When this option is selected, the capacity payments shall be made monthly commencing no earlier than the Capacity Delivery Date of the QS and calculated using the methodology shown on Appendix I.

The QS shall select the month and year in which the deliveries of firm capacity and energy to the Company are to commence and capacity payments are to start. The Company will provide the QS with a schedule of capacity payment rates based on the month and year in which the deliveries of firm capacity and energy are to commence and the term of the Standard Offer Contract as specified in Appendix E.

Option C - Fixed Value of Deferral Payment - Levelized Capacity

Payment schedules under this option are based upon the levelized capital cost component of the value of a year-by-year deferral of the Company's Avoided Unit. The capital portion of capacity payments under this option shall consist of equal monthly payments over the term of the Standard Offer Contract, calculated as shown on Appendix

I. The fixed operation and maintenance portion of the capacity payments shall be equal to the value of the year-by-year deferral of fixed operation and maintenance expense associated with the Company's Avoided Unit. The methodology used to calculate this option is shown in Appendix I. The Company will provide the QS with a schedule of capacity payment rates based on the month and year in which the deliveries of firm capacity and energy are to commence and the term of the Standard Offer Contract as specified in Appendix E.

Option D - Fixed Value of Deferral Payment - Early Levelized Capacity

Payment schedules under this option are based upon the early levelized capital cost component of the value of a year-by-year deferral of the Company's Avoided Unit. The capital portion of the capacity payments under this option shall consist of equal monthly payments over the term of the Standard Offer Contract, calculated as shown on Appendix I. The fixed operation and maintenance expense shall be calculated as shown in Appendix I. At the option of the QS, payments for early levelized capacity shall commence at any time before the anticipated in-service date of the Company's Avoided Unit as specified in Appendix E, provided that the QS is delivering firm capacity and energy to the Company pursuant to the terms of the Standard Offer Contract. The Company will provide the QS with a schedule of capacity payment rates based on the month and year in which the deliveries of firm capacity and energy are to commence and the term of the Standard Offer Contract as specified in Appendix E.

Option E - Flexible Payment Option

Payment schedules under this option are based upon a payment stream elected by the QS consisting of the capital component of the Company's avoided unit. Payments can commence at any time after the actual in-service date of the QS and before the anticipated in-service date of the utility's avoided unit, as specified in Appendix E, provided that the QS is delivering firm capacity and energy to the Company pursuant to the terms of the Standard Offer Contract. Regardless of the payment stream elected by the QS, the cumulative present value of capital cost payments made to the QS over the term of the contract shall not exceed the cumulative present value of the capital cost payments which would have been made to the QS had such payments been made pursuant to FPSC Rule 25- 17.0832(4)(g)1, F.A.C. Fixed operation and maintenance expense shall be calculated in conformance with Rule 25-17.0832(6),F.A.C. The Company will provide the QS with a schedule of capacity payment rates based on the information specified in Appendix E.

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B. Energy Rates

(1) Payments Associated with As-Available Energy Costs prior to the In-Service Date of the Avoided Unit.

Options A or B are available for payment of energy which is produced by the QS and delivered to the Company prior to the in-service date of the Avoided Unit. The QS shall indicate its selection in Appendix E, Once selected; an option shall remain in effect for the term of the Standard Offer Contract with the Company.

Option A – Energy Payments based on Actual Energy Costs

The energy rate, in cents per kilowatt-hour (¢/KWh), shall be based on the Company's actual hourly avoided energy costs which are calculated by the Company in accordance with FPSC Rule 25-17.0825, F.A.C. Avoided energy costs include incremental fuel, identifiable operation and maintenance expenses, and an adjustment for line losses reflecting delivery voltage. The calculation of the Company's avoided energy costs reflects the delivery of energy from the region of the Company in which the Delivery Point of the QS is located. When economy transactions take place, the incremental costs are calculated as described in GULF POWER's Rate Schedule COG-1.

The calculation of payments to the QS shall be based on the sum, over all hours of the billing period, of the product of each hour's avoided energy cost times the purchases of energy from the QS by the Company for that hour. All purchases of energy shall be adjusted for losses from the point of metering to the Delivery Point.

Option B – Energy Payments based on the year by year projection of As-Available energy costs

The energy rate, in cents per kilowatt-hour (¢/KWh), shall be based on the Company's year by year projection of system incremental fuel costs, prior to hourly economy sales to other utilities, based on normal weather and fuel market conditions (annual As-Available Energy Cost Projection which are calculated by the Company in accordance with FPSC Rule 25-17.0825, F.A.C. and with FPSC Rule 25-17.250(6) (a) F.A.C.) plus a fuel market volatility risk premium mutually agreed upon by the utility and the QS. Prior to the start of each applicable calendar year, the Company and the QS shall mutually agree on the fuel market volatility risk premium for the following calendar year, normally no later than November 15. The Company will provide its projection of the applicable annual As-Available Energy Cost prior to the start of the calendar year, normally no later than November 15 of each applicable calendar year. In addition to the applicable As-Available Energy Cost projection the energy payment will include identifiable operation and maintenance expenses, an adjustment for line losses reflecting delivery voltage and a factor that reflects in the calculation of the Company's Avoided Energy Costs the delivery of energy from the region of the Company in which the Delivery Point of the QS is located.

The calculation of payments to the QS shall be based on the sum, over all hours of the billing period, of the product of each hour's applicable Projected Avoided Energy Cost times the purchases of energy from the QS by the Company for that hour. All purchases of energy shall be adjusted for losses from the point of metering to the Delivery Point.

(2) Payments Associated with Applicable Avoided Energy Costs after the In-Service Date of the Avoided Unit.

Option C is available for payment of energy which is produced by the QS and delivered to the Company after the in-service date of the avoided unit. In addition, Option D is available to the QS which elects to fix a portion of the firm energy payment. The QS shall indicate its selection of Option D in Appendix E, once selected, Option D shall remain in effect for the term of the Standard Offer Contract.

Option C- Energy Payments based on Actual Energy Costs starting on the in-service date of the Avoided Unit, as detailed in Appendix II.

The calculation of payments to the QS for energy delivered to GULF POWER on and after the in-service date of the Avoided Unit shall be the sum, over all hours of the Monthly Billing Period, of the product of (a) each hour's firm energy rate (¢/KWh); and (b) the amount of energy (KWH) delivered to GULF POWER from the Facility during that hour.

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For any Dispatch Hour the firm energy rate shall be, on an hour-by-hour basis, the Company's Avoided Unit Energy Cost. For any other period during which energy is delivered by the QS to GULF POWER, the firm energy rate in cents per kilowatt hour ($\$/KWh$) shall be the following on an hour-by-hour basis: the lesser of (a) the as-available energy rate calculated by GULF POWER in accordance with FPSC Rule 25-17.0825, FAC, and GULF POWER's Rate Schedule COG-1, as they may each be amended from time to time and (b) the Company's Avoided Unit Energy Cost. The Company's Avoided Unit Energy Cost, in cents per kilowatt-hour ($\$/KWh$) shall be defined as the product of: (a) the fuel price in $\$/mmBTU$ as determined from gas prices published in Platts Inside FERC Gas Market Report, first of the month posting for Florida Gas Transmission Zone 3, plus all charges, surcharges and percentages that are in effect from time to time for service under Gulfstream Natural Gas System's Rate Schedule FTS; and (b) the average annual heat rate of the Avoided Unit, plus (c) an additional payment for variable operation and maintenance expenses which will be escalated based on the actual Producer Price Index. All energy purchases shall be adjusted for losses from the point of metering to the Delivery Point. The calculation of the Company's avoided energy cost reflects the delivery of energy from the geographical area of the Company in which the Delivery Point of the QS is located.

Option D- Fixed Firm Energy Payments Starting as early as the In-Service Date of the QS Facility

The calculation of payments to the QS for energy delivered to GULF POWER may include an adjustment at the election of the QS in order to implement the provisions of Rule 25-17.250 (6) (b), F.A.C. Subsequent to the determination of full avoided cost and subject to the provisions of Rule 25-17.0832(3) (a) through (d), F.A.C., a portion of the base energy costs associated with the avoided unit, mutually agreed upon by the utility and renewable energy generator, shall be fixed and amortized on a present value basis over the term of the contract starting, at the election of the QS, as early as the in-service date of the QS. "Base energy costs associated with the avoided unit" means the energy costs of the avoided unit to the extent the unit would have operated. The portion of the base energy costs mutually agreed to by the Company and the QS shall be specified in Appendix E. The Company will provide the QS with a schedule of "Fixed Energy Payments" over the term of the Standard Offer Contract based on the applicable information specified in Appendix E.

ESTIMATED AS-AVAILABLE ENERGY COST

As required in Section 25-17.0832, F.A.C. as-available energy cost projections until the in-service date of the avoided unit will be provided within 30 days of receipt by GULF POWER of a written request for such projections by any interested person.

ESTIMATED UNIT FUEL COST

As required in Section 25-17.0832, F.A.C. the estimated unit fuel costs associated with the Company's Avoided Unit and based on current estimates of the price of natural gas will be provided within 30 days of a written request for such an estimate.

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DELIVERY VOLTAGE ADJUSTMENT

Energy payments to a QS within the Company's service territory shall be adjusted according to the delivery voltage by the multipliers provided in Appendix II.

PERFORMANCE CRITERIA

Payments for Firm Capacity are conditioned on the QS's ability to maintain the following performance criteria:

- A. **Capacity Delivery Date**
The Capacity Delivery Date shall be no later than the projected in-service date of the Company's Avoided Unit, as detailed in Appendix II.
- B. **Availability and Capacity Factor**
The Facility's availability and capacity factor are used in the determination of firm capacity payments through a performance based calculation as detailed in Appendix B to the Company's Standard Offer Contract.

METERING REQUIREMENTS

A QS within the territory served by the Company shall be required to purchase from the Company hourly recording meters to measure their energy deliveries to the Company. Energy purchases from a QS outside the territory of the Company shall be measured as the quantities scheduled for interchange to the Company by the entity delivering Firm Capacity and Renewable Energy to the Company.

For the purpose of this Schedule, the on-peak hours shall be those hours occurring April 1 through October 31 Mondays through Fridays, from 12 noon to 9:00 pm. excluding Memorial Day, Independence Day and Labor Day; and November 1 through March 31 Mondays through Fridays from 6:00 a.m. to 10:00 a.m. and 6:00 p.m. to 10:00 p.m. prevailing Central time excluding Thanksgiving Day, Christmas Day, and New Year's Day. GULF POWER shall have the right to change such On-Peak Hours by providing the QS a minimum of thirty calendar days' advance written notice.

BILLING OPTIONS

A QS, upon entering into a Standard Offer Contract for the sale of firm capacity and energy or prior to delivery of as-available energy, may elect to make either simultaneous purchases from and sales to the Company, or net sales to the Company; provided, however, that no such arrangement shall cause the QS to sell more than the Facility's net output. A decision on billing methods may only be changed: 1) when a QS selling as-available energy enters into a Standard Offer Contract for the sale of firm capacity and energy; 2) when a Standard Offer Contract expires or is lawfully terminated by either the QS or the Company; 3) when the QS is selling as-available energy and has not changed billing methods within the last twelve months; 4) when the election to change billing methods will not contravene this Tariff or the contract between the QS and the Company.

If a QS elects to change billing methods, such changes shall be subject to the following: 1) upon at least thirty days advance written notice to the Company; 2) the installation by the Company of any additional metering equipment reasonably required to effect the change in billing and upon payment by the QS for such metering equipment and its installation; and 3) upon completion and approval by the Company of any alteration(s) to the interconnection reasonably required to effect the change in billing and upon payment by the QS for such alteration(s).

Payments due a QS will be made monthly and normally by the twentieth business day following the end of the billing period. The kilowatt-hours sold by the QS and the applicable avoided energy rates at which payments are being made shall accompany the payment to the QS.

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

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CHARGES TO ENERGY FACILITY

The QS shall be responsible for all applicable charges as currently approved or as they may be approved by the Florida Public Service Commission, including, but not limited to:

A. **Customer Charges:**

Monthly customer charges for meter reading, billing and other applicable administrative costs as per applicable Customer Rate Schedule.

B. **Interconnection Charge for Non-Variable Utility Expenses**

The QS shall bear the cost required for interconnection, including the metering. The QS shall have the option of (i) payment in full for the interconnection costs including the time value of money during the construction of the interconnection facilities and providing a Bond, Letter of Credit or comparable assurance of payment acceptable to the Company adequate to cover the interconnection cost estimates, (ii) payment of monthly invoices from the Company for actual costs progressively incurred by the Company in installing the interconnection facilities, or (iii) upon a showing of credit worthiness, making equal monthly installment payments over a period no longer than thirty-six (36) months toward the full cost of interconnection. In the latter case, the Company shall assess interest at the rate then prevailing for thirty (30) day highest grade commercial paper, such rate to be specified by the Company thirty (30) days prior to the date of each installment payment by the QS.

C. **Interconnection Charge for Variable Utility Expenses**

The QS shall be billed monthly for the variable utility expenses associated with the operation and maintenance of the interconnection facilities. These include (a) the Company's inspections of the interconnection facilities and (b) maintenance of any equipment beyond that which would be required to provide normal electric service to the QS if no sales to the Company were involved.

In lieu of payment for actual charges, the QS may pay a monthly charge equal to a percentage of the installed cost of the interconnection facilities as provided in Appendix II.

D. **Taxes and Assessments**

In the event that GULF POWER becomes liable for additional taxes, including interest and/or penalties arising from an Internal Revenue Service's determination, through audit, ruling or other authority, that GULF POWER's payments to the QS for capacity under options B, C, D, E or for energy pursuant to the Fixed Firm Energy Payment Option D are not fully deductible when paid (additional tax liability), GULF POWER may bill the QS monthly for the costs, including carrying charges, interest and/or penalties, associated with the fact that all or a portion of these capacity payments are not currently deductible for federal and/or state income tax purposes. GULF POWER, at its option, may offset these costs against amounts due the QS hereunder. These costs would be calculated so as to place GULF POWER in the same economic position in which it would have been if the entire early, levelized or early levelized capacity payments or the Fixed Firm Energy Payment had been deductible in the period in which the payments were made. If GULF POWER decides to appeal the Internal Revenue Service's determination, the decision as to whether the appeal should be made through the administrative or judicial process or both, and all subsequent decisions pertaining to the appeal (both substantive and procedural), shall rest exclusively with GULF POWER.

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TERMS OF SERVICE

- (1) It shall be the QS's responsibility to inform the Company of any change in its electric generation capability.
- (2) Any electric service delivered by the Company to a QS located in the Company's service area shall be subject to the following terms and conditions:
 - (a) A QS shall be metered separately and billed under the applicable retail rate schedule(s), whose terms and conditions shall pertain.
 - (b) A security deposit will be required in accordance with FPSC Rules 25-17.082(5) and 25-6.097, F.A.C., and the following:
 - (i) In the first year of operation, the security deposit should be based upon the singular month in which the QS's projected purchases from the Company exceed, by the greatest amount, the Company's estimated purchases from the QS. The security deposit should be equal to twice the amount of the difference estimated for that month. The deposit is required upon interconnection.
 - (ii) For each year thereafter, a review of the actual sales and purchases between the QS and the Company will be conducted to determine the actual month of maximum difference. The security deposit should be adjusted to equal twice the greatest amount by which the actual monthly purchases by the QS exceed the actual sales to the Company in that month.
 - (c) The Company shall specify the point of interconnection and voltage level.
 - (d) The QS must enter into an interconnection agreement with the Company which will, among other things, specify safety and reliability standards for the interconnection to the Company's system. In most instances, the Company's filed Interconnection Agreement for Qualifying Facilities will be used; however, special features of the QS or its interconnection to the Company's facilities may require modifications to this Interconnection Agreement or the safety and reliability standards contained therein.
- (3) Service under this rate schedule is subject to the rules and regulations of the Company and the Florida Public Service Commission.

SPECIAL PROVISIONS

- (1) Special contracts deviating from the above standard rate schedule are allowable provided the Company agrees to them and they are approved by the Florida Public Service Commission.

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**APPENDIX I
 TO RATE SCHEDULE QS-2
 CALCULATION OF VALUE OF
 DEFERRAL PAYMENTS**

APPLICABILITY
 Appendix I provides a detailed description of the methodology used by the Company to calculate the monthly values of deferring or avoiding the Company's Avoided Unit identified in Schedule QS-2. When used in conjunction with the current FPSC-approved cost parameters associated with the Company's Avoided Unit contained in Appendix II, a QS may determine the applicable value of deferral capacity payment rate associated with the timing and operation of its particular facility should the QS enter into a Standard Offer Contract with the Company.

CALCULATION OF VALUE OF DEFERRAL OPTION A
 FPSC Rule 25-17.0832(5) specifies that avoided capacity costs, in dollars per kilowatt per month, associated with capacity sold to a utility by a QS pursuant to the Company's Standard Offer Contract shall be defined as the year-by-year value of deferral of the Company's Avoided Unit. The year-by-year value of deferral shall be the difference in revenue requirements associated with deferring the Company's Avoided Unit one year, and shall be calculated as follows:

Where, for a one-year deferral:

VAC_m	=	utility's monthly value of avoided capacity and O&M, in dollars per kilowatt per month, for each month of year n;
K	=	present value of carrying charges for one dollar of investment over L years with carrying charges computed using average annual rate base and assumed to be paid at the middle of each year and present valued to the middle of the first year;
R	=	$(1 + i_p) / (1 + r)$;
I_n	=	total direct and indirect cost, in mid-year dollars per kilowatt including AFUDC but excluding CWIP, of the Company's Avoided Unit with an in-service date of year n, including all identifiable and quantifiable costs relating to the construction of the Company's Avoided Unit which would have been paid had the Unit been constructed;
O_n	=	total fixed operation and maintenance expense for the year n, in mid-year dollars per kilowatt per year, of the Company's Avoided Unit;
i_p	=	annual escalation rate associated with the plant cost of the Company's Avoided Unit(s);
i_o	=	annual escalation rate associated with the operation and maintenance expense of the Company's Avoided Unit(s);
r	=	annual discount rate, defined as the utility's incremental after-tax cost of capital;
L	=	expected life of the Company's Avoided Unit(s); and
n	=	year for which the Company's Avoided Unit(s) is (are) deferred starting with its (their) original anticipated in-service date(s) and ending with the termination of the Company's Standard Offer Contract.

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CALCULATION OF FIXED VALUE OF DEFERRAL PAYMENTS – EARLY CAPACITY-OPTION B

Normally, payments for firm capacity shall not commence until the in-service date of the Company's Avoided Unit(s). At the option of the QS, however, the Company may begin making payments for early capacity consisting of the capital cost component of the value of a year-by-year deferral of the Company's Avoided Unit starting as early as the in-service date of the QS facility. When such payments for early capacity are elected, the avoided capital cost component of capacity payments shall be paid monthly commencing no earlier than the Capacity Delivery Date of the QS, and shall be calculated as follows:

$$A_m = A_c \frac{(1+i_p)^{(m-1)}}{12} + A_o \frac{(1+i_o)^{(m-1)}}{12} \quad \text{for } m = 1 \text{ to } t$$

Where:

- A_m = monthly payments to be made to the QS for each month of the contract year n , in dollars per kilowatt per month in which QS delivers capacity the early capacity option;
- i_p = annual escalation rate associated with the plant cost of the Company's Avoided Unit(s);
- i_o = annual escalation rate associated with the operation and maintenance expense of the Company's Avoided Unit(s);
- m = year for which the fixed value of deferral payments under the early option are made to a QS, starting in year one and ending in the year t ;
- t = the term, in years, of the Standard Offer Contract;

$$A_c = F [(1 - R) / (1 - R^{-t})]$$

Where:

- F = the cumulative present value, in the year that the contractual payments will begin, of the avoided capital cost component of capacity payments which would have been made had capacity payments commenced with the anticipated in-service date of the Company's Avoided Unit(s);
- R = $(1 + i_p) / (1 + r)$
- r = annual discount rate, defined as the Company's incremental after-tax cost of capital; and

$$A_o = G [(1 - R) / (1 - R^{-t})]$$

Where:

- G = The cumulative present value, in the year that the contractual payments will begin, of the avoided fixed operation and maintenance expense component of capacity payments which would have been made had capacity payments commenced with the anticipated in-service date of the Company's Avoided Unit(s).
- R = $(1 + i_o) / (1 + r)$

The currently approved parameters applicable to the formulas above are found in Appendix II.

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**CALCULATION OF FIXED VALUE OF DEFERRAL PAYMENTS – LEVELIZED AND EARLY LEVELIZED CAPACITY
– OPTION C & OPTION D, RESPECTIVELY**

Monthly fixed value of deferral payments for levelized and early levelized capacity shall be calculated as follows:

$$P_L = \frac{F}{12} \times \frac{r}{1-(1+r)^{-t}} + O$$

Where:

- P_L = the monthly levelized capacity payment, starting on or prior to the in-service date of the Company's Avoided Unit(s);
- F = the cumulative present value, in the year that the contractual will begin, of the avoided capital cost component of the payments which would have been made had the capacity been levelized;
- r = the annual discount rate, defined as the Company's incremental cost of capital;
- t = the term, in years, of the Standard Offer Contract;
- O = the monthly fixed operation and maintenance component of the payments, calculated in accordance with calculation of the fixed deferral payments for the levelized capacity or the early levelized capacity options.

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APPENDIX II

TO RATE SCHEDULE QS-2
2030-2031 AVOIDED UNIT INFORMATION

The Company's Avoided Unit has been determined to be a 1,991 MW Combined Cycle Unit with an in-service date of June 1, **2030-2031** and a contract heat rate of ~~6,996~~**5,990** Btu/kWh.

EXAMPLE STANDARD OFFER CONTRACT AVOIDED CAPACITY PAYMENTS
 FOR A CONTRACT TERM OF TEN YEARS FROM THE IN-SERVICE DATE OF THE AVOIDED UNIT

Contract Year For the 12 Month Period Starting June 1 of Each Year	(\$/KW/MONTH)			
	Option A	Option B	Option C	Option D
	Normal Capacity Payment	Early Capacity Payment	Levelized Capacity Payment	Early Levelized Capacity Payment
2022	\$ -	\$ -	\$ -	\$ -
2023	\$ -	\$ -	\$ -	\$ -
2024	\$ -	\$ -	\$ -	\$ -
2025	\$ -	\$ -	\$ -	\$ -
2026	\$ -	\$ 3.28 \$ -	\$ -	\$ 3.68 \$ -
2027	\$ -	\$ 3.34 3.44	\$ -	\$ 3.68 3.86
2028	\$ -	\$ 3.41 3.51	\$ -	\$ 3.68 3.86
2029	\$ -	\$ 3.48 3.58	\$ -	\$ 3.68 3.86
2030	\$ 5.34 \$ -	\$ 3.54 3.66	\$ 5.86 \$ -	\$ 3.68 3.86
2031	\$ 5.45 5.79	\$ 3.62 3.74	\$ 5.86 6.29	\$ 3.68 3.86
2032	\$ 5.57 5.91	\$ 3.69 3.81	\$ 5.86 6.29	\$ 3.68 3.86
2033	\$ 5.69 6.03	\$ 3.76 3.89	\$ 5.86 6.29	\$ 3.68 3.86
2034	\$ 5.81 6.16	\$ 3.84 3.98	\$ 5.86 6.29	\$ 3.68 3.86
2035	\$ 5.93 6.29	\$ 3.91 4.06	\$ 5.86 6.29	\$ 3.68 3.86
2036	\$ 6.05 6.42	\$ 3.99 4.15	\$ 5.86 6.29	\$ 3.68 3.86
2037	\$ 6.18 6.56	\$ 4.07 4.23	\$ 5.86 6.29	\$ 3.68 3.86
2038	\$ 6.31 6.70	\$ 4.15 4.32	\$ 5.86 6.29	\$ 3.68 3.86
2039	\$ 6.44 6.84	\$ 4.24 4.41	\$ 5.86 6.29	\$ 3.68 3.86
2040	\$ 6.58 6.98	\$ 4.32 4.51	\$ 5.86 6.29	\$ 3.68 3.86

ESTIMATED AS-AVAILABLE ENERGY COST

For informational purposes, the most recent estimated incremental avoided energy costs for the next ten years will be provided within thirty (30) days of written request.

ESTIMATED UNIT FUEL COSTS (\$/MMBtu):

The most recent estimated unit fuel costs for the Company's avoided unit will be provided within thirty (30) days of written request.

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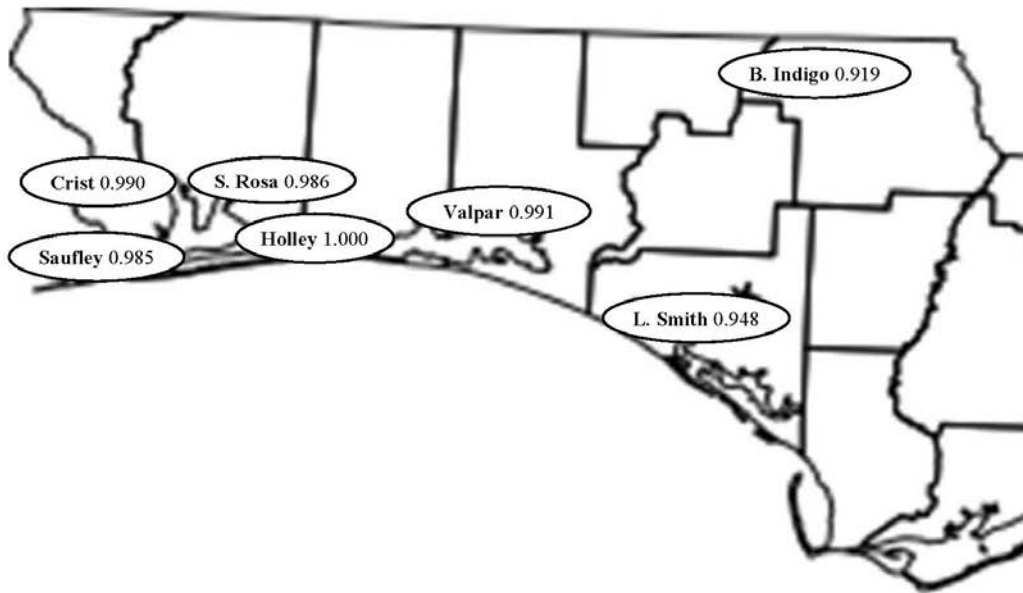


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VALUE OF CAPACITY LOCATION



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2030-2031 AVOIDED UNIT FIXED VALUE OF DEFERRAL PAYMENTS - NORMAL CAPACITY OPTION PARAMETERS

Where, for a one-year deferral:	Value
VAC _m = Company's value of avoided capacity and O&M, in dollars per kilowatt per month, during month m;	\$5,242 <u>\$5,785.9</u>
K = present value of carrying charges for one dollar of investment over L years with carrying charges computed using average annual rate base and assumed to be paid at the middle of each year and present valued to the middle of the first year;	1,484 <u>1,484.0</u>
I _n = total direct and indirect cost, in mid-year dollars per kilowatt including AFUDC but excluding CWIP, of the Company's Avoided Unit with an in-service date of year n;	\$635,926 <u>\$635,763.37</u>
O _n = total fixed operation and maintenance expense, for the year n, in mid-year dollars per kilowatt per year, of the Company's Avoided Unit;	\$12,691 <u>\$12,76</u>
i _p = annual escalation rate associated with the plant cost of the Company's Avoided Unit;	2.00%
i _o = annual escalation rate associated with the operation and maintenance expense of the Company's Avoided Unit;	2.50%
r = annual discount rate, defined as the Company's incremental after-tax cost of capital;	6.95%
L = expected life of the Company's Avoided Unit;	40
n = year for which the Company's Avoided Unit is deferred starting with its original anticipated in-service date and ending with the termination of the Standard Offer Contract.	2030 — <u>2031</u>

FIXED VALUE OF DEFERRAL PAYMENTS - EARLY CAPACITY OPTION PARAMETERS

A _m = monthly capacity payments to be made to the QS starting on the year the QS elects to start receiving early capacity payments, in dollars per kilowatt per month;	*
i _p = annual escalation rate associated with the plant cost of the Company's Avoided Unit;	2.00%
i _o = annual escalation rate associated with the operation and maintenance expense of the Company's Avoided Unit;	2.50%
n = year for which early capacity payments to a QS are to begin; (at the election of the QS early capacity payments may commence anytime after the actual in-service date of the QS facility and before the anticipated in-service date of the Company's avoided unit)	*
F = the cumulative present value of the avoided capital cost component of capacity payments which would have been made had capacity payments commenced with the anticipated in-service date of the Company's Avoided Unit and continued for a period of 10 years;	\$366,641 <u>\$366,8</u>
r = annual discount rate, defined as the Company's incremental after-tax cost of capital;	6.95%
t = the term, in years, of the Standard Offer Contract for the purchase of firm capacity commencing in the year the QS elects to start receiving early capacity payments prior to the in-service date of the Company's Avoided Unit;	*
G = the cumulative present value of the avoided fixed operation and maintenance expense component of capacity payments which would have been made had capacity payments commenced with the anticipated in-service date of the Company's Avoided Unit and continued for a period of 10 years.	\$98,741 <u>\$98,8</u>

*From Appendix E

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**APPENDIX B
 TO THE STANDARD OFFER CONTRACT
 FOR THE PURCHASE OF FIRM CAPACITY AND ENERGY
 FROM RENEWABLE ENERGY FACILITIES
 OR QUALIFYING FACILITIES WITH A DESIGN CAPACITY OF 100 KW OR LESS
 PAY FOR PERFORMANCE PROVISIONS MONTHLY CAPACITY PAYMENT CALCULATION**

1. Monthly Capacity Payments (MCP) for each Monthly Billing Period shall be computed according to the following:
- A. In the event that the Annual Capacity Billing Factor ("ACBF"), as defined below, is less than 80%, then no Monthly Capacity Payment shall be due. That is:

$$MCP = 0$$

- B. In the event that the ACBF is equal to or greater than 80% but less than 94%, then the Monthly Capacity Payment shall be calculated by using the following formula:

$$MCP = BCP \times [1 + 4 \times (ACBF - 94\%)] \times CC$$

- C. In the event that the ACBF is equal to or greater than 94%, then the Monthly Capacity Payment shall be calculated by using the following formula:

$$MCP = BCP \times CC$$

Where:

- MCP = Monthly Capacity Payment in dollars.
- BCP = Base Capacity Payment in \$/KW/Month as specified in GULF POWER's Rate Schedule QS-2.
- CC = Committed Capacity in KW.
- ACBF = Annual Capacity Billing Factor. This factor is calculated using the 12 months rolling average of the Monthly Capacity Factor. This 12 month rolling average shall be defined as the sum of the 12 consecutive Monthly Capacity Factors preceding the date of calculation, divided by 12. During the first 12 consecutive Monthly Billing Periods, commencing with the first Monthly Billing Period in which Capacity payments are to be made, the calculation of the Annual Capacity Billing Factor shall be performed as follows: (a) during the first Monthly Billing Period, the Annual Capacity Billing Factor shall be equal to the Monthly Capacity Factor; (b) thereafter, the calculation of the Annual Capacity Billing Factor shall be computed by dividing the sum of the Monthly Capacity Factors during the first year's Monthly Billing Periods in which Capacity payments are to be made by the number of Monthly Billing Periods which have elapsed. This calculation shall be performed at the end of each Monthly Billing Period until enough Monthly Billing Periods have elapsed to calculate a true 12-month rolling average Annual Capacity Billing Factor. Periods during which the Facility has temporarily set its Committed Capacity equal to 0 KW due to a Force Majeure event pursuant to Section 16 shall be excluded from the applicable capacity factor calculation.
- MCF = Monthly Capacity Factor. The sum of (i) the Hourly Factors of the Non-Dispatch Hours plus (ii) the Hourly Factors of the Dispatch Hours or the Hourly factors of the hours when GULF POWER requested reduced deliveries pursuant to Sections 8.4.6 and 8.4.8 (Reduced Delivery Hour); divided by the number of hours in the Monthly Billing Period.
- HFNDH = Hourly Factor of a Non-Dispatch Hour. The energy received during the hour divided by the Committed Capacity. For purposes of calculating the Hourly Factor of a Non-Dispatch Hour the energy received shall not exceed the Committed Capacity.
- HFDH = Hourly Factor of a Dispatch Hour or a Reduced Delivery Hour. The scheduled energy received divided by the scheduled energy requested. For purposes of calculating the Hourly Factor of a Dispatch Hour or the Hourly Factor of a Reduced Delivery Hour the scheduled energy received shall not exceed the scheduled energy requested.
- On-Peak Hours = Those hours occurring April 1 through October 31 Mondays through Fridays, from 12 noon to 9:00 p.m. excluding Memorial Day, Independence Day and Labor Day; and November 1 through March 31 Mondays through Fridays from 6:00 a.m. to 10:00 a.m. and 6:00 p.m. to 10:00 p.m. prevailing Central time excluding Thanksgiving Day, Christmas Day and New Year's Day. GULF POWER shall have the right to change such On-Peak Hours by providing the QS a minimum of thirty calendar days' advance notice.
- Monthly Billing Period = The period beginning on the first calendar day of each calendar month, except that the initial Monthly Billing Period shall consist of the period beginning 12:01 a.m. on the Capacity Delivery Period Date and ending with the last calendar day of such month.

Scheduled Energy and Dispatch Hours are as defined in Section 8.4.7 of the Standard Offer Contract.

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APPENDIX C
 TO THE STANDARD OFFER
 CONTRACT TERMINATION FEE

The Termination Fee shall be the sum of the values for each month beginning with the month in which the Capacity Delivery Date occurs through the month of termination (or month of calculation, as the case may be), computed according to the following formula:

Termination Fee = Termination Fee applicable to Capacity Payment Option plus Termination Fee applicable to Fixed Firm Energy

Option Termination Fee applicable to Capacity Payment Options B, C, D and E

$$\sum_{i=1}^n (MCP_i - MCPC_i) \times t^{(n-i)}$$

with: $MCPC_i = 0$ for all periods prior to the in-service date of the Company's Avoided Unit;

where:

- i = number of the Monthly Billing Period commencing with the Capacity Delivery Date (i.e., the month in which Capacity Delivery Date occurs = 1; the month following the month in which Capacity Delivery Date occurs = 2, etc.)
- n = the number of Monthly Billing Periods which have elapsed from the month in which the Capacity Delivery Date occurs through the month of termination (or month of calculation, as the case may be)
- t = the future value of an amount factor necessary to compound a sum monthly so the annual percentage rate derived will equal GULF POWER's incremental after-tax avoided cost of capital (defined as r in QS-2). For any Monthly Billing Period in which $MCPC_i$ is greater than MCP_i , t shall equal 1.
- MCP_i = Monthly Capacity Payment paid to QS corresponding to the Monthly Billing Period i , calculated in accordance with Appendix B.
- $MCPC_i$ = Monthly Capacity Payment for Option A corresponding to the Monthly Billing Period i , calculated in accordance with QS-2

In the event that for any Monthly Billing Period, the computation of the value of the Capacity Payment Termination Fee for such Monthly Billing Period (as set forth above) yields a value equal to or greater than zero, the amount of the Capacity Payment Termination Fee shall be increased by the amount of such value.

In the event that for any Monthly Billing Period, the computation of the value of the Capacity Payment Termination Fee for such Monthly Billing Period (as set forth above) yields a value less than zero, the amount of the Capacity Payment Termination Fee shall be decreased by the amount of such value expressed as a positive number (the "Initial Reduction Value"); provided, however, that such Initial Reduction Value shall be subject to the following adjustments (the Initial Reduction Value, as adjusted, the "Reduction Value"):

- a. In the event that in the applicable Monthly Billing Period the Annual Capacity Billing Factor (ACBF), as defined in Appendix B is less than 80%, then the Initial Reduction Value shall be adjusted to equal zero (Reduction Value = 0), and the Capacity Payment Termination Fee shall not be reduced for the applicable Monthly Billing Period.
- b. In the event that in the applicable Monthly Billing Period the Annual Capacity Billing Factor (ACBF), as defined in Appendix B, is equal to or greater than 80% but less than 94%, then the Reduction Value shall be determined as follows:

$$\text{Reduction Value} = \text{Initial Reduction Value} \times [0.04 \times (\text{ACBF} - 94\%)]$$

For the applicable Monthly Billing Period, the Termination Fee shall be reduced by the amount of such Reduction Value.

In no event shall GULF POWER be liable to the QS at any time for any amount by which the Capacity Payment Termination Fee, adjusted in accordance with the foregoing, is less than zero (0).

Termination Fee applicable to the Fixed Firm Energy Payment Option D

Prior to in-service date of avoided unit:

The Termination Fee for the Fixed Firm Energy Option shall be equal to the cumulative sum of the Fixed Firm Energy Payments made to the QS pursuant to Option D, starting with the in-service date of the QS facility, for each billing cycle. Such number shall reach the maximum amount on the billing cycle immediately preceding the billing cycle associated with the in-service date of the Avoided Unit.

After in-service date of avoided unit:

The Termination Fee shall be decreased each billing cycle following the in-service date of the avoided unit by an amount equal to the difference between the projected Fixed Energy Cost that was used in the calculation to determine the base energy cost to be fixed and amortized pursuant to Option D for such billing cycle and the amortized Fixed Firm Energy Payment in cents/KWH times the energy delivered by the QS not to exceed the MWH block specified in Appendix E.

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APPENDIX D
TO THE STANDARD OFFER
CONTRACT DETAILED PROJECT
INFORMATION

Each eligible Contract received by GULF POWER will be evaluated to determine if the underlying QS project is financially and technically viable. The QS shall, to the extent available, provide GULF POWER with a detailed project proposal which addresses the information requested below.

I. FACILITY DESCRIPTION

- Project Name
- Project Location
 - ◆ Street Address
 - ◆ Site Plot Plan
 - ◆ Legal Description of Site

- Generating Technology
- Facility Classification (include types from statute)
- Primary Fuel
- Alternate Fuel (if applicable)
- Committed Capacity
- Expected In-Service Date
- Steam Host (for cogeneration facilities)
 - ◆ Street Address
 - ◆ Legal Description of Steam Host
 - ◆ Host's annual steam requirements (lbs/yr)

- Contact Person
 - ◆ Individual's Name and Title
 - ◆ Company Name
 - ◆ Address
 - ◆ Telephone Number
 - ◆ Telecopy Number

II. PROJECT PARTICIPANTS

- Indicate the entities responsible for the following project management activities and provide a detailed description of the experience and capabilities of the entities:
 - ◆ Project Development
 - ◆ Siting and Licensing the Facility
 - ◆ Designing the Facility
 - ◆ Constructing the Facility
 - ◆ Securing the Fuel Supply
 - ◆ Operating the Facility

- Provide details on all electrical generation facilities which are currently under construction or operational which were developed by the QS.

- Describe the financing structure for the projects identified above, including the type of financing used, the permanent financing term, the major lenders, and the percentage of equity invested at financial closing.

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III. FUEL SUPPLY

- Describe all fuels to be used to generate electricity at the Facility. Indicate the specific physical and chemical characteristics of each fuel type (e.g., Btu content, sulfur content, ash content, etc.). Identify special considerations regarding fuel supply origin, source and handling, storage and processing requirements.
- Provide annual fuel requirements (AFR) necessary to support the requirements pursuant to Section 366.91, Florida Statutes, and the planned levels of generation and list the assumptions used to determine these quantities.
- Provide a summary of the status of the fuel supply arrangements in place to meet the ARFR in each year of the proposed operating life of the Facility. Use the categories below to describe the current arrangement for securing the AFR.

Category Description of Fuel Supply Arrangement fuel is from a fully developed owned = source owned by one or more of the project participants
contract = fully executed firm fuel contract exists between the developer(s) and fuel supplier(s) LOI = a letter of intent for the fuel supply exists between developer(s) and fuel supplier(s) REF = renewable energy facility will burn biomass, waste, or another renewable resource spot = fuel supply will be purchased on the spot market
none = no firm fuel supply arrangement currently in place
other = fuel supply arrangement which does not fit any of the above categories (please describe)

- Indicate the percentage of the Facility's AFR which is covered by the above fuel supply arrangement(s) for each proposed operating year. The percent of AFR covered for each operating year must total 100%. For fuel supply arrangements identified as owned, contract, or LOI, provide documentation to support this category and explain the fuel price mechanism of the arrangement. In addition, indicate whether or not the fuel price includes delivery and, if so, to what location.
- Describe fuel transportation networks available for delivering all primary and secondary fuel to the Facility site. Indicate the mode, route and distance of each segment of the journey, from fuel source to the Energy Facility site. Discuss the current status and pertinent factors impacting future availability of the transportation network.
- Provide annual fuel transportation requirements (AFTR) necessary to support planned levels of generation and list the assumptions used to determine these quantities.
- Provide a summary of the status of the fuel transportation arrangements in place to meet the AFTR in each year of the proposed operating life of the Energy Facility. Use the categories below to describe the current arrangement for securing the AFTR.

owned = fuel transport via a fully developed system owned by one or more of the project participants contract = fully executed firm transportation contract exists between the developer(s) and fuel transporter(s) LOI = a letter of intent for fuel transport exists between developer(s) and fuel transporter(s)
Spot = fuel transportation will be purchased on the spot market none = no firm fuel transportation arrangement currently in place
other = fuel transportation arrangement which does not fit any of the above categories (please describe)

- Indicate the percentage of the Facility's AFR which is covered by the above fuel supply arrangement(s) for each proposed operating year. The percent of AFR covered for each operating year must total 100%. For fuel supply arrangements identified as owned, contract, or LOI, provide documentation to support this category and explain the transportation price mechanism of the arrangement.
- Provide the maximum, minimum, and average fuel inventory levels to be maintained for primary and secondary fuels at the Facility site. List the assumptions used in determining the inventory levels.

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IV. PLANT DISPATCHABILITY/CONTROLLABILITY

- Provide the following operating characteristics and a detailed explanation supporting the performance capabilities indicated.
 - ◆ Ramp Rate (MW/minute)
 - ◆ Peak Capability (% above Committed Capacity)
 - ◆ Minimum power level (% of Committed Capacity)
 - ◆ Facility Turnaround Time, Hot to Hot (hours)
 - ◆ Start-up Time from Cold Shutdown (hours)
 - ◆ Unit Cycling (# cycles/yr)
 - ◆ MW and MVAR Control (AGC, Manual, Other (please explain))

V. SITING AND LICENSING

- Provide a licensing/permitting milestone schedule which lists all permits, licenses and variances required to site the Facility. The milestone schedule shall also identify key milestone dates for baseline monitoring, application preparation, agency review, certification and licensing/siting board approval, and agency permit issuance.
- Provide a licensing/permitting plan that addresses the issues of air emissions, water use, wastewater discharge, wetlands, endangered species, protected properties, solid waste, surrounding land use, zoning for the Facility, associated linear facilities, and support of and opposition to the Facility.
- List the emission/effluent discharge limits the Facility will meet, and describe in detail the pollution control equipment to be used to meet these limits.

VI. FACILITY DEVELOPMENT AND PERFORMANCE

- Submit a detailed engineering, procurement, construction, startup and commercial operation schedule. The schedule shall include milestones for site acquisition, engineering phases, selection of the major equipment vendors, architect engineer, EPC contractor, and Facility operator, steam host integration, and delivery of major equipment. A discussion of the current status of each milestone should also be included where applicable.
- Attach a diagram of the power block arrangement. Provide a list of the major equipment vendors and the name and model number of the major equipment to be installed.
- Provide a detailed description of the proposed environmental control technology for the Facility and describe the capabilities of the proposed technology.
- Attach preliminary flow diagrams for the steam system, water system, and fuel system, and a main electrical one-line diagram for the Facility.
- State the expected heat rate (HHV) at 75 degrees Fahrenheit for loads of 100%, 75%, and 50%. In addition, attach a preliminary heat balance for the Facility.
- [NOTE: add any requirements related to demonstrating that the facility meets the requirements under the statute or applicable rules]

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VII. FINANCIAL

- Provide GULF POWER with assurances that the proposed QS project is financially viable consistent with FPSC Rule 25-17.0832(4) (c) by attaching a detailed pro-forma cash flow analysis. The pro-forma must include, at a minimum, the following assumptions for each year of the project.
 - ◆ Annual Project Revenues
 - Capacity Payments (\$ and \$/KW/Mo)
 - Variable O&M (\$ and \$/MWh)
 - Energy (\$ and \$/MWh)
 - Steam Revenues (\$ and %/lb.)
 - Tipping Fees (\$ and \$/ton)
 - Interest Income
 - Other Revenues
 - Variable O&M Escalation (%/yr)
 - Energy Escalation (%/yr)
 - Steam Escalation (%/yr)
 - Tipping Fee Escalation (%/yr)
 - ◆ Annual Project Expenses
 - Fixed O&M (\$ and \$/KW/Mo)
 - Variable O&M (\$ and \$/MWh)
 - Energy (\$ and \$/MWh)
 - Property Taxes (\$)
 - Insurance (\$)
 - Emission Compliance (\$ and \$/MWh)
 - Depreciation (\$ and %/yr)
 - Other Expenses (\$)
 - Fixed O&M Escalation (%/yr)
 - Variable O&M Escalation (%/yr)
 - Energy Escalation (%/yr)
 - ◆ Other Project Information
 - Installed Cost of the Energy Facility (\$ and \$/KW)
 - Committed Capacity (KW)
 - Average Heat Rate - HHV (MBTU/KWh)
 - Federal Income Tax Rate (%)
 - Facility Capacity Factor (%)
 - Energy Sold to GULF POWER (MWH)
 - ◆ Permanent Financing
 - Permanent Financing Term (yrs)
 - Project Capital Structure (percentage of long-term debt, subordinated debt, tax exempt debt, and equity)
 - Financing Costs (cost of long-term debt, subordinated debt, tax exempt debt, and equity)
 - Annual Interest Expense
 - Annual Debt Service (\$)
 - Amortization Schedule (beginning balance, interest expense, principal reduction, ending balance)
- Provide details of the financing plan for the project and indicate whether the project will be non-recourse project financed. If it will not be project financed, please explain the alternative financing arrangement.
- Submit financial statements for the last two years on the principals of the project, and provide an illustration of the project ownership structure.

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APPENDIX E
TO THE STANDARD OFFER CONTRACT
CONTRACT OPTIONS TO BE SELECTED BY QS

Avoided Unit Selected

Term of Contract

Execution date
Termination date

Firm Capacity Rates

Commencement date for deliveries of Firm Energy and Capacity _____

Capacity Payment Option Selected (from available Options A through E) _____
If Option E is selected proposed payment stream:

Schedule of Capacity Payments to be provided by the Company based on applicable parameters follows:

Year \$/KW/Month

Energy Rates

Energy payment Options selected applicable to energy produced by the QS and delivered to the Company (from available Option A or B **and** D)
Select from Option A or B

And
Select D

If Option D is selected by the QS; the Company and the QS mutually agree on fixing and amortizing the following portion of the Base Energy Costs associated with the Avoided Unit
_____ % which yields _____ MWH

Projected Energy Cost of Energy Produced by Avoided Unit (provided by the Company):

Year Projected Fixed Energy Cost (in Cents/KWH or in Dollars)

Based on the projections of Energy Costs Produced by the Avoided Unit and the mutually agreed upon Portion of the Base Energy Costs associated with the Avoided Unit the Fixed Energy Payment shall be
_____ \$/MWH or \$ _____ (as applicable).

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