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ORIGINAL



March 12, 2002

Ms. Blanca S. Bayo, Director
Division of the Commission Clerk and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0870

020000-PW

Dear Ms. Bayo:

RE: Docket No. ~~010982~~-EU

Enclosed are an original and fifteen copies of Gulf Power Company's Standard Interconnection Agreement for Small Photovoltaic Systems tariff which is being filed in compliance with Rule 25-6.065, F.A.C., and is the subject of order PSC-02-0109-FOF-EU in the above referenced docket.

Sincerely,

Susan D. Ritenour

Susan D. Ritenour
Assistant Secretary and Assistant Treasurer

lw

AUS	_____	Enclosure
CAF	_____	
CMP	_____	
COM	_____	cc: Beggs and Lane
CTR	_____	Jeffrey A. Stone, Esquire
ECR	_____	
GCL	_____	
OPC	_____	
MMS	_____	
SEC	_____	
OTH	_____	

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DOCUMENT NUMBER-DATE

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FPSO-COMMISSION CLERK

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DISTRIBUTION CENTER

Tariff Sheets

DOCUMENT NUMBER-DATE

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FPSC-COMMISSION CLERK

INDEX TO SCHEDULES

PAGE	EFFECTIVE DATE
1 of 1	

<u>CLASSIFICATION</u>	<u>SHEET NO.</u>
Schedule COG-1 - Standard Rate For Purchase of As-Available Energy From Qualifying Cogeneration and Small Power Production Facilities (Qualifying Facilities)	9.2
Schedule COG-2 - Standard Offer Contract Rate For Purchase of Firm Capacity and Energy From Small Qualifying Facilities (less than 75 MW) or From Solid Waste Facilities	9.8
Standard Offer Contract For the Purchase of Firm Energy and Capacity From a Qualifying Facility	9.19
Form 12 -- Application for Interconnection of Customer-Owned Generation	9.33
Standard Interconnection Agreement	9.35
Standard Interconnection Agreement for Small Photovoltaic Systems	9.41

STANDARD INTERCONNECTION AGREEMENT FOR SMALL PHOTOVOLTAIC SYSTEMS

PAGE 1 of 6	EFFECTIVE DATE
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Gulf Power Company, hereinafter referred to as "the Company", agrees to interconnect with the small photovoltaic system (SPS) as defined under Rule 25-6.065, F.A.C. installed and owned by _____, the "Customer", under the terms and conditions of this interconnection agreement as approved by the Florida Public Service Commission pursuant to Rule 25-6.065(2), F.A.C.

1. Facility

The Customer's SPS installation, hereinafter referred to as the "Facility" is located at _____, within the Company's service area. The Customer intends to have its Facility installed and operational on or about _____, _____. The Customer will provide the Company with reasonable notification prior to the initial operation of the Facility and will cooperate with the Company to verify that the terms of this agreement have been completely adhered to before the Facility is allowed to operate in parallel with the Company's electric system.

2. Construction Codes and Standards Requirements

During the operation of the Facility, the Customer is responsible for assuring that the Facility achieve and maintain compliance with the following codes and standards:

- a. UL Standard 1741, entitled "Standard for Safety for Static Inverters and Charge Controllers for use in Photovoltaic Systems", dated January 17, 2001,
- b. UL Standard 1703, entitled "Standard For Safety: Flat Plate Photovoltaic Modules and Panels", dated August 1, 1986,

PAGE 2 of 6	EFFECTIVE DATE
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(Continued from Sheet No. 9.41)

- c. IEEE Standard 1262-1995, entitled "Recommended Practice for Qualification of Photovoltaic Modules" dated April 12, 1996, or IEC Standard 61646, dated November, 1996.
- d. IEEE Standard 929, entitled "Recommended Practice for Utility Interface of Photovoltaic (PV) Systems", dated April 3, 2000, and
- e. All applicable city, county, state, and federal construction codes and standards.

3. Inspection Requirements

In accordance with Rule 25-6.065(2)(e), F.A.C., prior to allowing the Customer's Facility to operate in parallel with the Company's electric system, authorized Company representatives must inspect the installation to verify that the Facility has been inspected and approved in accordance with Rule 25-6.065(2)(b), F.A.C., and the standards contained in this agreement. The Customer is responsible for notifying the Company once all other inspections, certificates, and approvals have been completed and arrange for the Company representatiaves to perform the final inspection. Once the Company has inspected and verified that the Facility meets all requirements for parallel operation with the electric system, the Company will issue, within 10 days, a written authorization to the Customer to operate the Facility provided the system remains in compliaince with all applicable codes and standards.

After the initial startup of the Facility, the Customer is responsible for maintaining its generating equipment, inverters, protective devices, and other system components in proper and normal working order. If the Customer, for any reason, replaces a component of the

PAGE	EFFECTIVE DATE
3 of 6	

(Continued from Sheet No. 9.42)

Facility, the Customer must notify the Company and allow its representatives to inspect the Facility, at the Company's discretion, prior to the system being reconnected to the electric system. The Company, at its sole discretion, may request to perform a periodic inspection of the Facility in accordance with Rule 25-6.065(2)(e), F.A.C.

4. Metering and Disconnect Switch Requirements

The Company may install an additional meter or metering equipment on the Customer's premises capable of measuring any excess kilowatt-hours produced by the SPS and delivered back to the Company. The cost of the meter, installation, maintenance, and any recurring or non-recurring costs for reading and billing for this second meter shall be borne by the Company. The value of such excess generation shall be credited to the Customer's bill based on the Company's COG-1 tariff, or by other applicable tariffs approved by the Florida Public Service Commission. If the Company does not install such a meter or metering equipment, the Company shall permit the Customer to net meter any excess power delivered to the Company by use of a single standard watt-hour meter capable of reversing directions to offset recorded consumption by the Customer. If the kilowatt-hour of energy produced by the SPS exceeds the Customer's kilowatt-hour consumption for any billing period, such that when the meter is read the value displayed on the register is less than the value displayed on the register when it was read at the end of the previous billing period, the Company shall carry forward credit for the excess energy to the next billing period. Credits may accumulate and be carried forward for a maximum of 11 consecutive monthly billing periods following the billing month in which the credit first

PAGE 4 of 6	EFFECTIVE DATE
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(Continued from Sheet No. 9.43)

occurred. If at the conclusion of such 11 consecutive monthly billing periods a credit balance still exists, the remaining credit shall be removed from the bill. In no event shall the Customer be paid for excess energy delivered to the utility at the end of such 12-month period.

The Customer shall install, at the Customer's expense and as a requirement for continued operation under this agreement, a manual, visible load break disconnect switch capable of being locked out with a padlock between the Facility and the Company's electric system. This manual switch may be operated by the Company for any of the reasons listed in Rule 25-6.065(5), F.A.C.

5. Costs, Fees, and Charges

The Customer is completely responsible for any costs, fees, or charges associated with the proper installation, operation, and maintenance of the Facility and its associated Customer owned equipment. There will be no charge to the Customer by the Company for the standard metering equipment or single inspection visits for initial startup, subsequent inspections after changes to the SPS equipment have been made by the Customer, or inspections initiated at the Company's request. The Customer may be charged a fee to cover the costs of follow-up visits and inspections resulting from a deficiency discovered during a previous inspection of the Facility and any additional metering or other equipment deemed necessary by the Company.

PAGE	EFFECTIVE DATE
5 of 6	

(Continued from Sheet No. 9.44)

6. Insurance Requirements

The Customer shall be required to acquire and maintain, in force, a general liability insurance rider for personal and property damage in the amount of up to \$100,000 per occurrence. In accordance with Rule 25-6.065(2)(c), F.A.C., a homeowner's policy that furnishes at least this level of coverage will meet the insurance requirement of this agreement.

7. Indemnification

The Customer agrees to indemnify and hold harmless the Company, its subsidiaries or affiliates, and their respective employees, officers, and directors, against any and all liability, loss, damage, cost or expense which the Company, its subsidiaries, affiliates, and their respective employees, officers, and directors may hereafter incur, suffer or be required to pay by reason of negligence on the part of the Customer under the obligations of this agreement. The Company agrees to indemnify and hold harmless the Customer, against any and all liability, loss, damage, cost or expense which the Customer may hereafter incur, suffer or be required to pay by reason of negligence on the part of the Company under the obligations of this agreement.

PAGE 6 of 6	EFFECTIVE DATE
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(Continued from Sheet No. 9.45)

8. Official Notification

For the purpose of making emergency or other communication relating to the operation of the Facility under the provisions of this agreement, the parties designate the following people for said notification:

For the Company: _____

For the Customer: _____

IN WITNESS WHEREOF, the Customer and the Company execute this Agreement this ____ day of _____, _____.

ATTEST:

GULF POWER COMPANY
 By: _____
 Title: _____
 Date: _____

ATTEST:

THE CUSTOMER
 By: _____
 Official Capacity: _____

Legislative Format

GULF POWER COMPANY

INDEX TO SCHEDULES

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Form 12 -- Application for Interconnection of Customer-Owned Generation	9.33
Standard Interconnection Agreement	9.35
Standard Interconnection Agreement for Small Photovoltaic Systems	9.41