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COMMISSION
CLERK

March 13, 2002

Blanca Bayó , Director
The Commission Clerk and Administrative Services
Room 110, Easley Building
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850

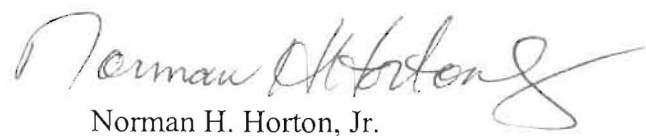
Dear Ms. Bayó:

Pursuant to Rule 25-6.065, Florida Administrative Code, enclosed for filing are an original and five copies of Florida Public Utilities Company's Standard Interconnection Agreement for Small Photovoltaic Systems.

Please acknowledge receipt of this letter by stamping the extra copy of this letter "filed" and returning the same to me.

Thank you for your assistance with this filing.

Sincerely yours,



Norman H. Horton, Jr.

- AUS NHH/amb
- CAF Enclosures
- CMP cc: Mr. Mark Cutshaw
- COM
- CTR
- ECR
- GCL
- OPC
- MMS
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INTERCONNECTION OF SMALL PHOTOVOLTAIC SYSTEMS
STANDARD INTERCONNECTION AGREEMENT
ORIGINAL VOLUME NO. 1
OF
— FLORIDA PUBLIC UTILITIES COMPANY
FILED WITH
FLORIDA PUBLIC SERVICE COMMISSION

FLORIDA PUBLIC UTILITIES COMPANY
STANDARD INTERCONNECTION AGREEMENT FOR SMALL
PHOTOVOLTAIC SYSTEMS

This agreement made and entered into as of this _____ day of _____, _____ by and between _____ hereinafter known as the "Customer" and Florida Public Utilities Company hereinafter know as the "Company". This agreement is made in accordance with Florida Public Commission Rule 25-6.065 F.A.C., Interconnection of Small Photovoltaic Systems (SPS) and under the terms and conditions as approved by the Florida Public Service Commission pursuant to Rule 25-6.065(2), F.A.C.

1. The Customer's SPS installation is within the Company service territory and is located at _____ and should be installed and operational by _____, _____.

2. Customer will ensure the installation will meet or exceed all requirements noted below, will provide the Company with reasonable notification prior to the operation of the SPS and will assist the Company in verifying that the installation complies with the agreement prior to operating in parallel with the Company's electric system.

3. The Customer's SPS installation is described as follows:

a. Equipment Manufacturers Name and Address:

- b. Manufacturers Reference Number, Serial Number, Type, Style, Model, Etc.

- c. Name Plate Rating (KW and Voltage):

4. During construction and installation of the SPS, the Customer is responsible for compliance with the following codes and standards:
- a. Florida Public Utilities Company Rules and Regulations for Electric Service.
 - b. Applicable city, county, state, and federal construction codes and standards.
 - c. IEEE Standard 929, "Recommended Practice for Utility Interface of Photovoltaic Systems" published April 3, 2000.
 - d. IEEE Standard 1262-1995, "Recommended Practice for Qualification of Photovoltaic Modules, published April 12, 1996.
 - e. UL Standard 1741, "Standard for Safety for Static Inverters and Charge Controllers for use in Photovoltaic Systems", published January 17, 2001.
 - f. UL Standard 1703, "Standard for Safety: Flat Plate Photovoltaic Modules and Panels", published August 1, 1986
 - g. IEC Standard 61646, "Recommended Practice for Qualification of Photovoltaic Modules", published November 1996.
5. The customer will, in accordance with Rule 25-6.065(2)(b), F.A.C., obtain all necessary inspections, certificates and approvals from local code officials and will provide documentation to the Company regarding such inspections. The Company may request the Customer provide notice of inspections and testing times in order that Company personnel may be present.

6. The customer will, in accordance with Rule 25-6.065(2)(c), F.A.C, prior to operation of the SPS, acquire and maintain a general insurance liability rider for personal and property damage in the amount of up to \$100,000 per occurrence. A homeowner's policy that furnishes at least this level of liability coverage will meet the requirement. Documentation of this will be provided to the company prior to parallel operation.
7. The customer will, in accordance with Rule 25-6.065(2)(d), F.A.C., pay the Company \$120 for the processing of the application of the interconnection agreement. After payment is received, the application will be processed and the Customer will be provided cost estimates pertaining to the connection of the SPS.
8. The customer will install, in accordance with Rule 26-6.065(3)(a), at the customers expense, a manual, visible load break type disconnect switch to provide a separation point between the AC power output of the installation and the Company's electric system. The manual disconnect switch shall be mounted separate from the meter socket and be readily accessible to the Company. The switch shall have a locking mechanism capable of being locked in the open position by the Company. The Company may open and lock the switch, with or without notice, should conditions require this action.
9. Prior to parallel operation of the SPS, in accordance with Rule 25-6.065(2)(e), F.A.C., Company representatives will inspect the installation to verify that all inspection and insurance requirements have been documented and that the system meets all requirements for parallel operation with the Company's electric system. Once the Company has inspected and verified that the installation meets all requirements for parallel operation with the electric system, the Company will issue a written authorization, within 10 days, that parallel operation can begin provided the system remains in compliance with all applicable codes and standards.
10. After initial startup of the installation, in accordance with Rule 25-6.065(2)(f), F.A.C., the Customer is responsible for maintaining protective devices, inverters, system components,

generating equipment and other accessories in proper working order that complies with the above-mentioned requirements. Inspections, maintenance and testing in accordance with manufacturers guidelines must be followed to insure the system is operating properly, safely and is adequately protected during both normal and abnormal operating conditions. Should any modification, component replacement or operational problem occur, the Customer must notify the Company and allow its representatives to inspect, at the Company's discretion and expense, the installation prior to the system being operated in parallel to the electric system. The Company, as necessary, may perform periodic inspections of the installation at it's own expense. However, should deficiencies be discovered at any time, the Company may charge the Customer for subsequent inspections, visits and follow-up related to the inspections required to verify the corrections have been properly completed.

11. The Company will install a single, bi-directional meter, at the Company's expense, for the purpose of metering the net consumption of the installation. This will be the standard metering method for all installations. Under the standard installation, if in any billing cycle there results a net delivery of energy to the Company, the credit will be carried forward for the following 11 months or until the Customer's consumption negates the credit, which ever comes first. Should a credit exist after the 11th month in which the credit occurred, the Company will cancel the credit.

Should the Company estimate that a net delivery of energy will occur on a routine basis or at Customer request, additional metering may be installed to separately register the consumption and delivery of energy. The cost of the additional metering will be at the sole expense of the Customer. Consumption of energy will be billed at the normal retail rate for the facility. The delivery of energy will be credited in accordance with the Schedule COG-1 rate for that facility. The monthly bill will reflect the net difference between the charge for the consumption of energy by the Customer at the normal retail rate and the credit for the delivery of energy to the Company at the Schedule COG-1 rate.

12. The Company retains the right to disconnect from the installation for any of the following reasons.

- a. Company system emergencies, maintenance or safety requirements.
- b. Hazardous, disruptive or adverse conditions on the Company's system caused by the operation of the Customers generating or protective equipment associated with the installation
- c. Failure of the customer to maintain the required insurance.

13. 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.

14. Communications, either emergency or routine, related to this agreement or operation of the installation shall be made to the following parties:

Company:

Customer:

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

ATTEST:

FLORIDA PUBLIC UTILITIES COMPANY

By: _____

Title: _____

Date: _____

ATTEST:

CUSTOMER

By: _____

Title: _____

Date: _____