



Control Number: 35077



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## FARMERS ELECTRIC COOPERATIVE, INC.

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AGREEMENT FOR INTERCONNECTION AND  
PARALLEL OPERATION OF GENERATION OF  
SMALL POWER PRODUCTION INSTALLATIONS FOR PW OF TEXAS

THIS AGREEMENT made this 11 day of March 2015 by and between Ed + Anna Benton referred to as the "Producer," and Farmers Electric Cooperative, Inc., hereinafter referred to as the "Cooperative" is as follows:

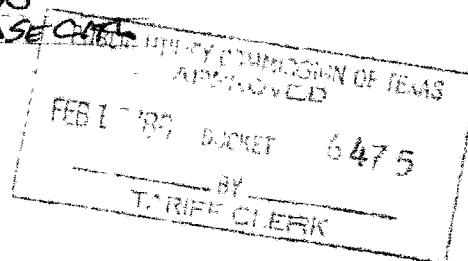
1. Purpose. Producer owns or intends to own and/or operate a generating electric power generating installation and desires to interconnect and operate such installation in parallel with Cooperative's electric distribution system. This agreement defines the relationship between the Cooperative and Producer including terms of interconnection and sale of electricity as well as the enabling conditions for parallel operation and parallel operation.

2. Producer's Generating Installation. The generating installation to which this agreement applies is described as:

Make Solis Ginlong  
Model 5KW-2K-US  
Serial # T00  
Fuel or Energy Source Solar  
Nameplate Output Rating 5.00 Kw  
Operating Voltage 240V Volts  
Connection Single Phase Phase  
Located at 341 Howell Road  
Royse City  
Texas 75189

## Emergency Contact:

Name ED + ANNA BENTON  
Address 341 HOWELL RD ROYSE CITY  
Phone 972 6352446



FARMERS ELECTRIC COOPERATIVE, INC.

<p><b>SECTION:</b></p> <p>FORMS</p>	<p>Section No. <u>IV</u></p> <p>Sheet No. <u>10</u></p> <p>Effective Date _____</p>
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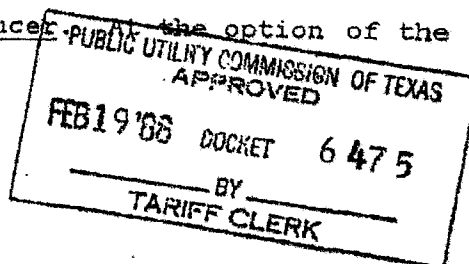
3. Terms. The Cooperative agrees to use reasonable diligence to provide simultaneous electric service. Interconnection, parallel operation, sales and purchases of electricity will be governed by the Cooperative's Tariff including any and all amendments that may hereafter be approved or ordered by any regulatory authority having jurisdiction, SAID TARIFF including all service rules, regulations, and rates IS A PART OF THIS AGREEMENT TO THE SAME EXTENT AS IF FULLY SET OUT HEREIN AND IS ON FILE AND AVAILABLE AT THE COOPERATIVE'S OFFICE IN \_\_\_\_\_ TEXAS.

4. Interconnection. Prior to interconnection Producer shall have  
 (1) fulfilled all requisites for the provision of electric utility service contained in the tariff; (2) provide an interconnection plan and other information; (3) comply with conditions for line extension; (4) provide satisfactory liability insurance; (5) sign and deliver this Agreement; (6) complete construction; (7) comply with laws; (8) give notice of intent to energize; and (9) eliminate any conditions preventing interconnection. Producer warrants to Cooperative that Producer's power generating installation is constructed and will be maintained in a safe and reliable condition and will comply with the latest applicable codes.

5. Parallel Operation. Producer is responsible for installation, safe operation, protection, and maintenance of all equipment and wiring at and beyond the point where Producer's conductors contact the Cooperative's conductors. The electrical power generated shall be compatible with Cooperative's standard distribution system at the point of delivery and of such quality that Cooperative's system is not adversely affected. Producer shall install and/or pay for a visible break disconnect switch. The Cooperative shall have access to the disconnect switch and meter(s) at all times.

The Cooperative's LIABILITY IS LIMITED in accordance with its tariff and Producer agrees to indemnify and hold the Cooperative harmless from all claims except as specified in the tariff.

6. Purchases of Electricity from Producer the option of the Producer, the Cooperative will purchase:



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\_\_\_\_\_ No output from the generating installation while allowing the Producer to use the output to offset the Producer's total consumption, with the Producer's meter(s) modified to prevent reverse metering;

or

\_\_\_\_\_ The net surplus output from the generating installation as measured by a second service meter which records the net surplus output of Producer into the Cooperative's system; where the net surplus is defined to be the accumulated instantaneous output of the Producer in excess of Producer's simultaneous instantaneous load;

or

\_\_\_\_\_ The output of Producer's generating installation as measured by a second meter which records the output while charging the Producer for the Producer's consumption.

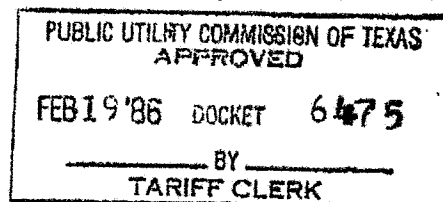
The Cooperative will pay for electricity purchased from Producer at the applicable tariff rate for qualifying power generation installations.

At the option of the Producer, the Cooperative will:

\_\_\_\_\_ Credit the value of all output purchased from the Producer's generating installation against the monthly bill for service for the month following receipt of the Producer's meter reading(s) for the monthly billing cycle;

or

\_\_\_\_\_ Pay Producer by check for all output purchased from Producer's generating installation within \_\_\_\_\_ days from receipt of the Customer's meter reading(s) for the monthly billing period.



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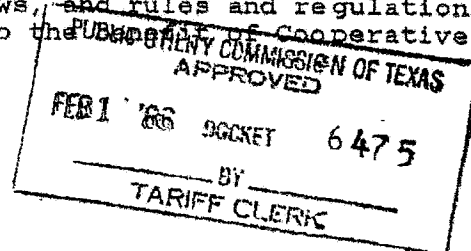
7. Sales of Electric Service to Producer. Producer agrees to pay for electric service in accordance with the rate schedule applicable to \_\_\_\_\_ class. If any tariff or rate is changed by the Cooperative, or by order or consent of any regulatory authority having a jurisdiction thereof whether or not at the request of the Cooperative, such changed tariff, rate, or redefined class of service shall be applicable to service provided hereunder from and after the effective date of such change. Periodically, Cooperative will render to Producer a statement of services rendered. Producer agrees to pay the total amount shown on such statement within fifteen (15) days from its date. Payment shall be made to Cooperative at its office in \_\_\_\_\_, \_\_\_\_\_ County, Texas.

8. Term. The acceptance of this instrument by the Cooperative shall constitute an agreement between the Producer and the Cooperative which shall continue in force for an initial term of \_\_\_\_\_ years (not to exceed 5 years) from the date service is made available by the Cooperative to the Producer. After the initial term, this agreement may be terminated by either party giving at least thirty (30) days written notice to the other.

9. Breach. The failure or refusal to perform any obligation contained in this agreement shall constitute a breach of this agreement. The parties shall have such remedies for breach as may be provided for at law or in equity. Notwithstanding any other provision of this agreement, Cooperative may discontinue service if Producer has breached any portion of this agreement by failure to make timely payment or otherwise.

10. Entire Agreement. This agreement constitutes the entire agreement between the parties and supersedes all prior agreements between Producer and Cooperative for the service herein described, and the Cooperative, its agents and employees have made no representations, promises, or made any inducements, written or verbal, which are not contained herein. Producer agrees that it is not relying on any statements not herein contained.

11. Assignment. This agreement shall not be assigned by Producer except in accordance with the Articles, By-laws, and rules and regulations of Cooperative. This agreement shall inure to the benefit of Cooperative's assigns.



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12. Interconnection Cost. Producer agrees to pay for extension of Cooperative's facilities and other interconnection costs as follows.

\$\_\_\_\_\_ in advance of any work by the Cooperative.

or

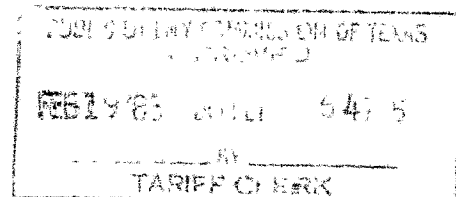
\$\_\_\_\_\_ per month as an increased monthly minimum over and above the applicable minimum stated in the Cooperative's tariff.

13. Receipt of Tariff. Producer acknowledges receipt of a copy of the Cooperative's tariff.

COOPERATIVE, INC. \_\_\_\_\_ ELECTRIC Producer:

By: \_\_\_\_\_  
General Manager

*[Handwritten Signature]*



FARMERS ELECTRIC COOPERATIVE, INC.

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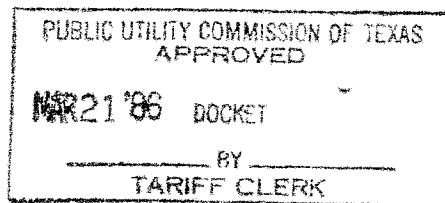
Addendum to Agreement for Interconnection  
and Parallel Operation or Cogeneration of  
Small Power Production Installation 100 KW or Less

This addendum made the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_ by and  
between Farmers Electric Cooperative, Inc. hereinafter referred to as the  
"Cooperative" and \_\_\_\_\_ hereinafter referred  
to as "Producer" amend the first paragraph of Section 2 of the Agreement  
for Interconnection and Parallel Operation or Cogeneration or Small Power  
Production Installation 100 KW or Less between the parties dated  
\_\_\_\_\_, 19\_\_\_\_ as follows:

Producer certifies that he/she is using renewable  
resources in a generating installation (qualifying  
facility under FERC rules) with an aggregate design  
capacity of 10 Kilowatts or less and hereby elects to  
interconnect through a single meter that runs forward  
and backward.

Witness our hand:

Farmers Electric Cooperative, Inc.



By: \_\_\_\_\_

By: Edward Benton

Title: \_\_\_\_\_

Title: EDWARD BENTON  
OWNER

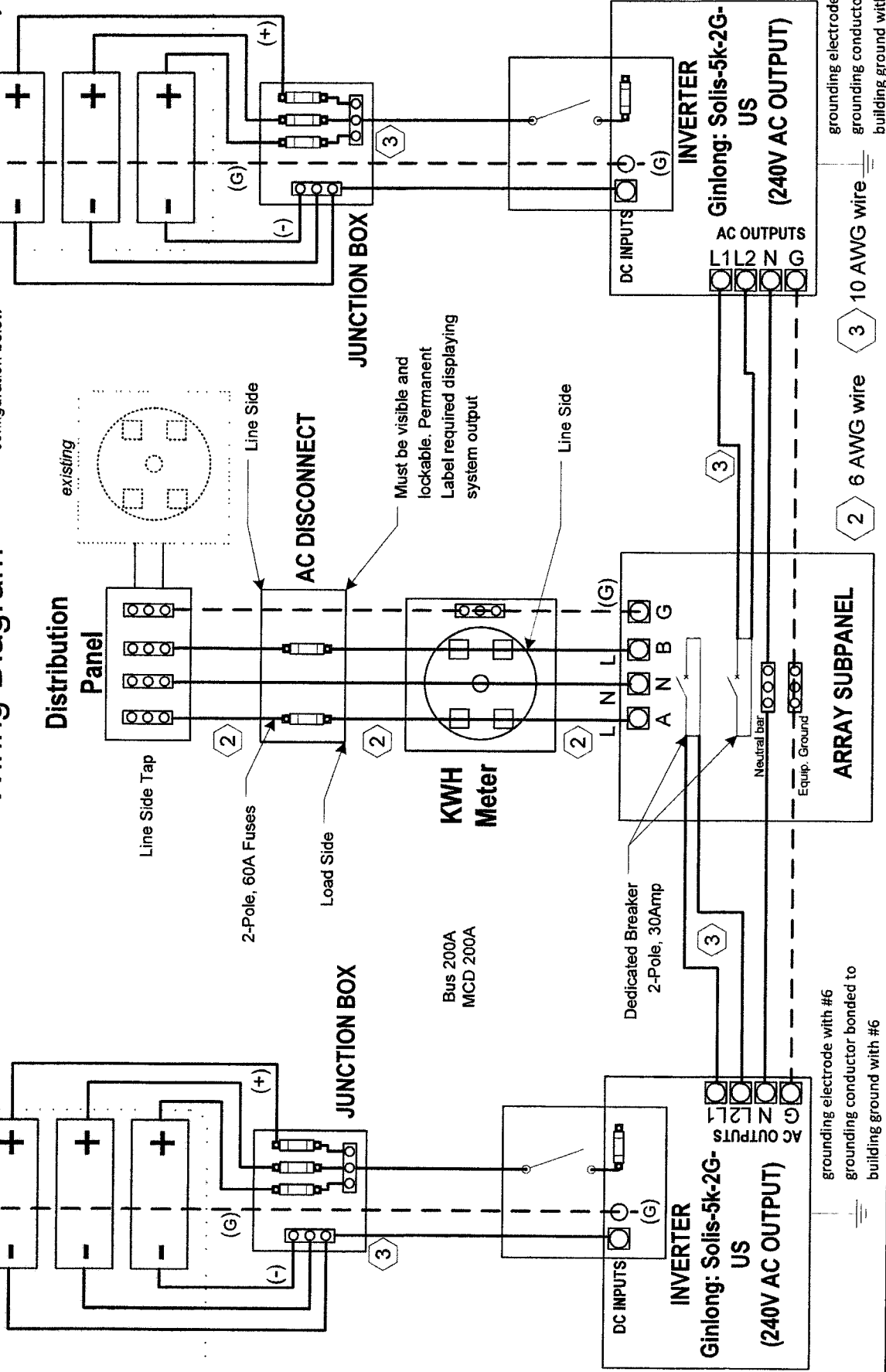
# Wiring Diagram

See Module configuration below

See Module configuration below

Array#1

Array#2



DC at Standard Test Conditions		V <sub>oc</sub>	I <sub>sc</sub>	V <sub>mp</sub>	I <sub>mp</sub>	W <sub>mp</sub>
ARRAY 1	Single Module Q-Cells: Q.Pro G3 245-260	37.15V	8.52 A	30.75 V	8.05A	245W
	Modules 1 String x 10	371.5V	8.52 A	307.5V	8.05A	4.90kW
ARRAY 2	Single Module Q-Cells: Q.Pro G3 245-260	37.15V	8.52 A	30.75 V	8.05A	245W
	Modules 1 String x 11	408.65V	8.52 A	338.25V	8.05A	5.145kW

All breakers rated to be back fed

Customer: Benton, Ed

Address: 341 Howell Rd. Royse City, TX 75189

Title: PV Grid-Tied System

Revision A-2015 Mar 5

Designer: R. Cordova

Longhorn Solar







# Farmers Electric Cooperative

A Touchstone Energy Cooperative

## 2015 RENEWABLE ENERGY REBATE – (Up to \$1,000) (50 kW or less Generation System)

### CHECK LIST

- ☐ Part A: Member information
- ☐ Part B: Dealer information
- ☐ Part C: Wind/Solar Criteria
- ☐ Part D: Mailing instruction

I would prefer my rebate to be:

- ☒ Sent to me by direct check
- ☐ Credited to my Farmers EC account

Purchase must be made in 2015  
I, \_\_\_\_\_ verify that the equipment listed below is installed at this location

**Member please sign here**

### Part A: Member Information

Account Number: 33504 33 701

Member Name: ED BENTON

Mailing Address: 541 HOWELL ROAD, ROYSE CITY, TX 75189

Home Phone #: 402-630-6878 Work Phone #: \_\_\_\_\_ Cell Phone #: \_\_\_\_\_

Email Address: EDWARD09603@ymail.com S. Security # (Last four digits only) \_\_\_\_\_

How did you hear about Farmers EC's Rebate Program? \_\_\_\_\_

Is this a newly built home? YES ☐ NO ☒

### Part B: Dealer Information

Dealer Name: LONGHORN SOLAR

Address: 1905B KRAMER LAKE STE. 600, AUSTIN, TX 78752

Phone Number: 512-651-4800 ATTN: KELI COPELAND

Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

### Part C: Wind/Solar Criteria

If connected to our grid: Before installation of the system - All the criteria listed on the farmerselectric.coop must be met before this rebate is approved.

Once the Interconnection agreement has been submitted to Farmers EC and approved, the rebate will be processed.

If not connected to our grid: Contact Jim Mellody 903 453 0751 to schedule a review of the system.

Rebate rates:    Wind    \$1.00    per watt  
                      Solar    \$2.00    per watt  
Minimum rebate is \$100.00

### Part D: Mailing instruction

**MAIL THIS REBATE FORM AND PROOF OF PURCHASE TO:**

Rebates  
Farmers Electric Cooperative  
2000 I-30 E  
Greenville, TX 75402