

Application for Operation of Customer-Owned Generation
Magic Valley Electric Cooperative, Inc.

This application should be completed as soon as possible and returned to the Cooperative Customer Service representative in order to begin processing the request. See *Distributed Generation Procedures and Guidelines Manual for Members* for additional information.

INFORMATION: This application is used by the Cooperative to determine the required equipment configuration for the Customer interface. Every effort should be made to supply as much information as possible.

PART 1
MEMBER/APPLICANT INFORMATION

Member: Hidalgo County Precinct 2
Mailing Address: 300 W. Hall Acres Rd
City: Pharr County: Hidalgo State: TX Zip Code: 78577
Phone Number: 456-289-7858 MVEC Account #: _____
Member Representative: Richard Sunday

PROJECT DESIGN/ENGINEERING (as applicable)

Company: MFP Solutions Engineering
Mailing Address: 1000 E. Beaumont Ave. Sub 2
City: McAllen County: Hidalgo State: TX Zip Code: 78501
Phone Number: (956) 664-2727 Representative: _____

ELECTRICAL CONTRACTOR (as applicable)

Company: Sol Technologies LLC
Mailing Address: 606 S. Missouri
City: Weslaco County: Hidalgo State: TX Zip Code: 78596
Phone Number: (956) 975-2510 Representative: Israel Ortiz

TYPE OF GENERATOR (as applicable)

Photovoltaic Wind Microturbine _____
Diesel Engine _____ Gas Engine _____ Turbine Other _____

ESTIMATED LOAD INFORMATION

The following information will be used to help properly design the Cooperative customer interconnection. This information is not intended as a commitment or contract for billing purposes.

Total Site Load _____ (kW) Total DG Output 35.4 (kW) Rated
41.88 KW Max Output

Mode of Operation (check all that apply)

Isolated _____

Paralleling

Power Export

DESCRIPTION OF PROPOSED INSTALLATION AND OPERATION

Give a general description of the proposed installation, including when you plan to operate the generator.

The photovoltaic installation consists of 4 arrays each composed of 30 Sunco HIP195PMS
modules for a total of 120 modules. Each array has a 100A 600VAC 2-pole DC Disconnect.

Each array feeds a SMA Sunny Boy 7000 US inverter for a total of 4 inverters.

The wind turbine installation consists of 5 Skystream wind turbines. Each wind turbine
is rated at 2.4kW. An AC Disconnect is located at the base of each wind turbine.

Solar Inverters and wind turbines are fed into the grid through a subpanel referred
in the attached documents as Panel RE. There is a 400A 240VAC 3-pole switch blade AC Disconnect

to Panel RE located within 3 feet of meter.

All inverters are planned to go into operation by December 1, 2010.

POWER CIRCUIT BREAKER (if applicable)

Manufacturer: _____ Model: _____

Rated Voltage (kilovolts): _____ Rated ampacity (Amperes) _____

Interrupting rating (Amperes): _____ BIL Rating _____

Interrupting medium / insulating medium (ex. Vacuum, gas, oil) _____ / _____

Control Voltage (Closing): ____ (Volts) AC DC

Control Voltage (Tripping): ____ (Volts) AC DC Battery Charged Capacitor

Close energy: Spring Motor Hydraulic Pneumatic Other: _____

Trip energy: Spring Motor Hydraulic Pneumatic Other: _____

Bushing Current Transformers: _____ (Max. ratio) Relay Accuracy Class: _____

Multi Ratio? No Yes: (available taps) _____

ADDITIONAL INFORMATION

In addition to the items listed above, please attach a detailed one-line diagram of the proposed facility, all applicable elementary diagrams, major equipment (generators, transformers, inverters, circuit breakers, protective relays, etc.), specifications, test reports, etc., and any other applicable drawings or documents necessary for the proper design of the interconnection.

SIGN OFF AREA

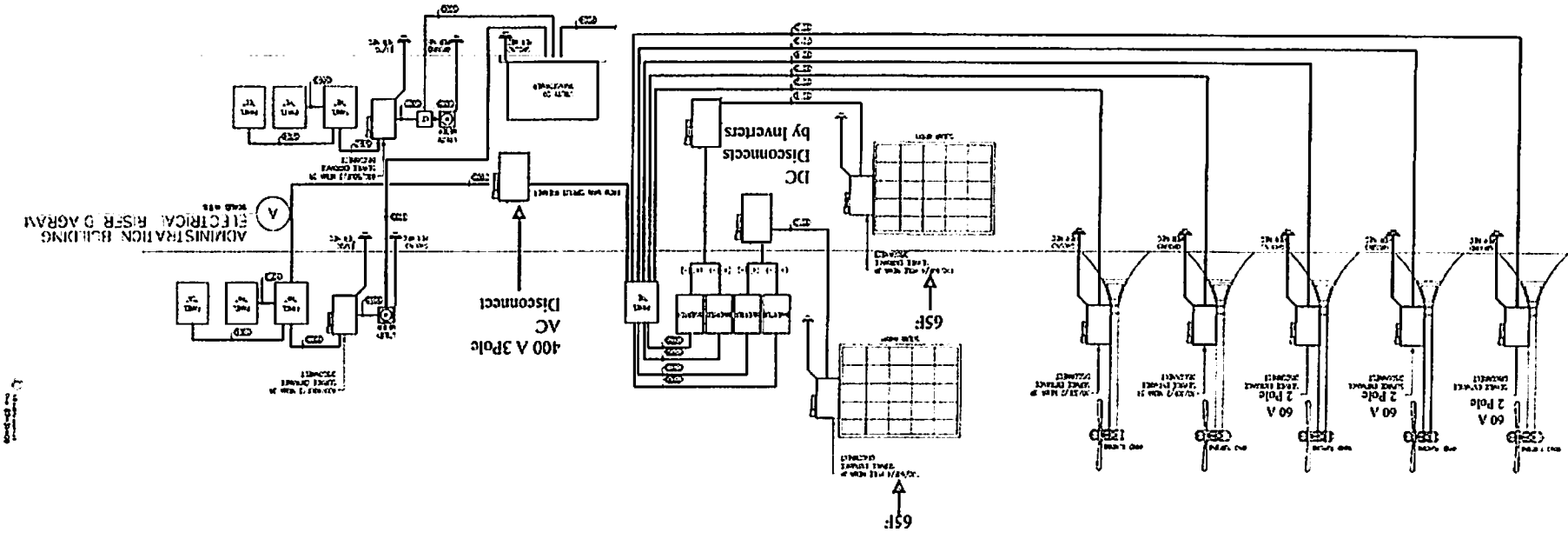
The Member agrees to provide the Cooperative with any additional information required to complete the interconnection. The Member shall operate his equipment within the guidelines set forth by the Cooperative.

Applicant

Date

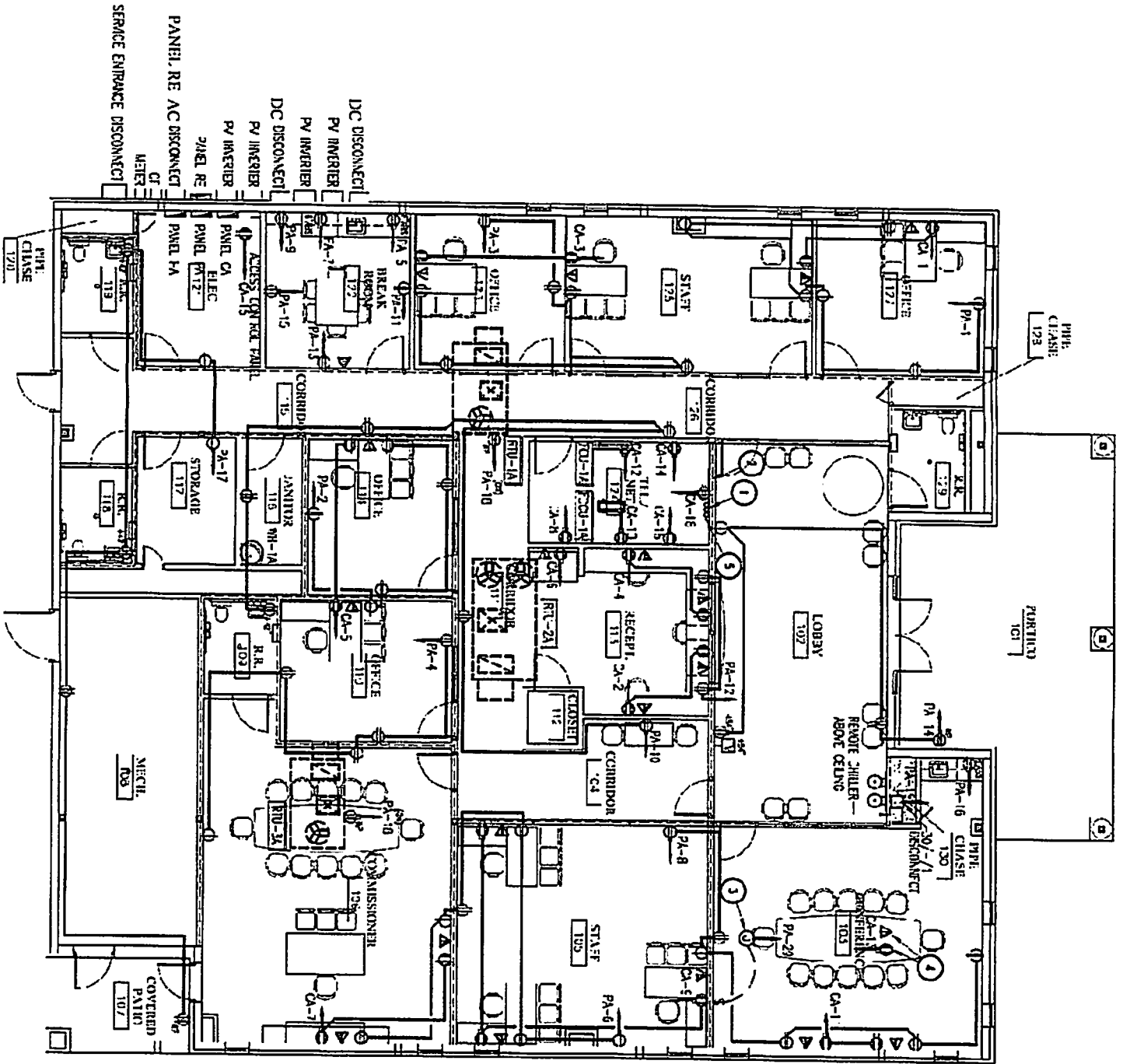
ELECTRIC COOPERATIVE CONTACT FOR APPLICATION SUBMISSION AND FOR MORE INFORMATION:

Cooperative contact: Brad Bierstedt
Title: Business Development Manager
Address: P.O. Box 267
Mercedes, Texas 78570
Phone: (956) 514-1200, ext. 7156
Fax: (956) 825-7185
Email: r83@magicvalley.coop



Address: 300 W. Hall Acres Rd. Pharr, TX 78577

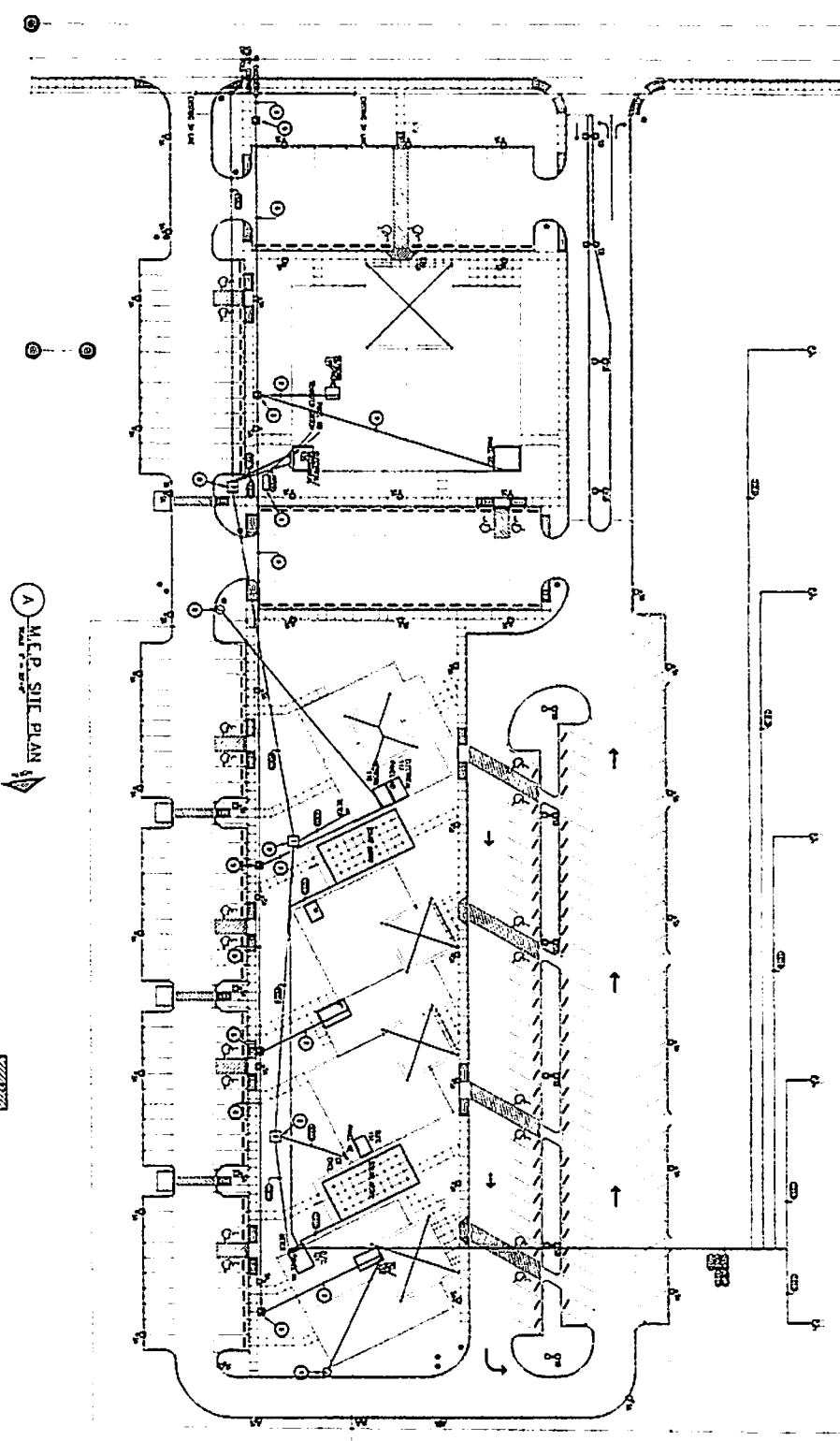
Address: 300 W. Hall Acres Rd. Pharr, TX 78577
AC Disconnect for Panel RE: 400A 240 VAC 3 Pole with Neutral
DC Disconnect: 100 A 600 VDC 2 Pole



3.69 ACRES (PUTURE FITNESS TRAIL & PARK)

GENERAL NOTES: (1)
 ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODES AND ALL APPLICABLE LOCAL ORDINANCES AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

- KEY NOTES:**
- 1. REFER TO ALL NOTES AND SPECIFICATIONS FOR MATERIALS AND METHODS.
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 - 10. REFER TO ALL NOTES AND SPECIFICATIONS FOR MATERIALS AND METHODS.



A MEP SITE PLAN



B BUILDING KEY



ALL CONSTRUCTION MATERIALS, CONSTRUCTION SYSTEMS AND/OR COMPONENTS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS OR REQUIREMENTS.

MEP-01	<p>V&A Architecture 1111 S. LOOP WEST, SUITE 100, HOUSTON, TEXAS 77047 281.488.1111</p>	<p>NEW PCT No. 2 ADMINISTRATION OFFICES & OTHER COUNTY OFFICES</p> <p>FOR COMMISSIONER "TITO" PALACOS PHARR, TEXAS</p>
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