



Southern California Edison
Rosemead, California (U 338-E)

Revised Cal. PUC Sheet No. 50726-E
Cancelling Original Cal. PUC Sheet No. 47751-E

Sheet 1

NEM/MASH-VNM Inspection Report

Form 14-903

(To be inserted by utility)

Advice 2780-E

Decision 12-09-018

Issued by

Akbar Jazayeri

Vice President

(To be inserted by Cal. PUC)

Date Filed Sep 20, 2012

Effective Sep 20, 2012

Resolution _____



NEM / MASH-VNM Inspection Report

Who needs to complete this Inspection Report?

A customer:

- who becomes an SCE customer at a home, office or other facility having an existing solar (PV) or wind electrical generating facility with plans to remain interconnected with SCE on Schedule NEM or Schedule MASH-VNM, and
- who must complete a new net energy metering contract (e.g., Form 16-344 Net Energy Metering and Generating Facility Interconnection Agreement) with SCE for the existing generating facility, and
- whose electrical generating facility and meter have not been installed or inspected within the previous three years, and
- who must arrange to have their generating facility inspected and the Contractor section of this report completed by a California licensed electrician who is not the owner or operator of the facility and meter.

This *NEM / MASH-VNM INSPECTION REPORT* ("Report"), pursuant to Public Utilities Code Section 2827c(2), shall be completed and submitted by an SCE customer who enters into a new net energy metering contract (e.g., Form 16-344 Net Energy Metering and Generating Facility Interconnection Agreement) for an existing and unmodified NEM eligible electrical generating facility (Generating Facility) and meter. The customer shall submit to SCE this completed Report with the interconnection agreement for the Generating Facility that passes all the Operational Tests in Part II Section J, unless the Generating Facility and meter have been installed or inspected within the previous three years. Part II of the inspection report shall be prepared by a California licensed contractor who is not the owner or operator of the Generating Facility and meter. A California licensed electrician ("Inspector") shall perform the inspection of the electrical portion of the Generating Facility and meter.

Instructions

- 1) The Customer shall complete all of Part I and complete Part A of Part II. The Customer information in Part A should match that in Part I.
- 2) The Customer should arrange to have the Inspector inspect their Generating Facility and complete the remainder of Part II of this form and sign it.
- 3) The customer shall then submit the fully completed Report to SCE.

If this form is not submitted within 90 days of the of the Customer becoming the customer of record for this account, Customer agrees to disconnect their Generating Facility and inform SCE it no longer will take service on Schedule NEM or MASH-VNM.

For the safety of the Customer and SCE employees, under no circumstances shall the Generating Facility be

operated while interconnected with SCE if it does not pass the Operational Test in Part II, Section J.

Part I Net Energy Metering Customer Section – to be completed by the SCE Customer

A. Customer Generating Facility Information – Who is the SCE Customer for this Generating Facility?

Generating Facility SCE Account Holder Name (Must Match Customer Name on SCE Bill for generator)		SCE Account Number for Generating Facility	Meter Number (Meter Badge ID)
Account Holder Street Address			
Account Holder City		Account Holder State	Account Holder Zip
Account Holder Billing Mail Address			
Billing City		Billing State	Billing Zip
Business Phone	Cell Phone	Fax	Email

B. Generator Location – Where is the Generating Facility Located?

Contact at Generator Location			
Generator Address			
Generator City		Generator State	Generator Zip
Generator Contact Phone	Fax	Email	
This contact person is to be used as SCE contact and is authorized by Customer to receive confidential Customer information and act on behalf of Customer with respect to this agreement.			

C. Modifications

To your knowledge, has the system been modified in any way? No Yes

D. Installation Date

Do you know when this Generating Facility was installed?

No
Yes, Installation date _____

E. Last Inspection Date

Do you know if this Generating Facility had a prior SCE inspection?

No

Yes, Date of last inspection _____

F. By the Customer signing the attached new Net Energy Metering and Generating Facility Interconnection Agreement Form 16-344, or Multifamily Affordable Solar Housing-Virtual Net Metering Interconnection Agreement Form 14-653 , this Report is hereby incorporated into that interconnection agreement.

A copy of this signed Report should be retained with the "Permission to Operate" letter to confirm successful Generating Facility inspection.

Mailing Instructions and Assistance:

When Report has been completed, it may be submitted to SCE via e-mail at customer.generation@sce.com or U.S. mail. Copies or forms requiring a signature, attachments or any applicable fees described in Part II must be mailed to SCE at the address noted below.

SCE'S ADDRESS

SOUTHERN CALIFORNIA EDISON
COMPANY
Attention: NEM Program Administrator
SCE Customer Solar & Self Generation
P.O. Box 800
Rosemead, California 91770

Questions may be directed to the Net Energy Metering team via email at customer.generation@sce.com or via phone at (626) 302-9680.

Part II –Electrical Inspector Section

A. Inspection Information (to be filled in by the Customer – must match information in Part I)

Generating Facility SCE Account Holder Name (Must Match Customer Name on SCE Bill for generator)	SCE Account Number for Generating Facility	Meter Number (Meter Badge ID)
Generator Address		

----- To be completed by Inspector -----

B. Inspector Information

California Licensed Electrician Name	Company Name	
Current Valid California Electrician License Number		
Mailing Address		
City	State	Zip
Business Phone	Fax	Email

C. Inverters interconnected with SCE

List all the inverters that currently are interconnected to SCE at this Generating Facility.

No.	Inverter Manufacturer	Inverter Model Number	Inverter Nameplate Rating ¹ kW (per unit)	Inverter CEC Rating kW (per unit)	Quantity of Inverters	Inverter Output Voltage	Single or Three Phase ?
1							
2							

D. Inverter CEC Approved

Are all the inverter models listed above currently listed on the <http://www.gosolarcalifornia.ca.gov/equipment/> website?

Yes No²

¹ The inverter rating equals the nameplate rating in kW. If there are more than one inverter of one type being installed, the inverter rating equals the nameplate rating of one unit of the model being installed.

E. Photovoltaic Generator Equipment

List the photovoltaic (PV) panel information requested below. If the panels are not all identical modules, list the total capacity connected to each inverter you listed above. (Please attach additional sheets if more space is needed.)

No.	PV Panel Manufacturer	PV Panel Model	PV Panel Nameplate Rating ³ kW (per unit)	PV Panel CEC Rating kW (per unit)	Quantity of PV Panels	Total Capacity ⁴ (kW)	Inverter number from (C.) above (1 or 2)
1							
2							

F. PV Panels CEC Approved

Are all the PV panel models listed above currently listed on the <http://www.gosolarcalifornia.ca.gov/equipment/> website?

Yes No⁵

G. Wind Turbine Equipment (if applicable)

List the wind turbine information requested below. Write NONE if the inverter is incorporated in the wind turbine and no inverter is required.

No.	Wind Turbine Manufacturer	Wind Turbine Model	Wind Turbine Nameplate Rating ⁶ kW (per unit)	Wind Turbine CEC Rating (kW) per unit	Quantity of Wind Turbines	Total Capacity ⁷ (kW)	Turbine Output Voltage	Single or Three Phase	Inverter number from (C) above (1 or 2)
1									

H. Wind Turbine CEC Approved

Are all the wind turbine models listed above currently listed on the <http://www.gosolarcalifornia.ca.gov/equipment/> website?

Yes No⁸

I. Other Interconnected Generators

Are there other generators interconnected on this account at this location? Yes No

If Yes, list generator technology and capacity for all generators

Are there any backup generators? Yes No

² Equipment not currently listed on the Go Solar website, or equipment formerly listed but no longer listed, may be subject to additional review or testing before being authorized to continue interconnection with SCE, depending on the reason it is no longer listed.

³ For all generation equipment ratings, please use the nameplate rating found on the equipment or in the equipment specifications.

⁴ The total capacity is the photovoltaic (PV) panel (or wind turbine) rating times the quantity.

⁵ Id. Footnote 2 above

⁶ Id. Footnote 3 above

⁷ Id. Footnote 2 above

⁸ Id. Footnote 2 above

If yes, is the back-up generator open or close transition?
Open Closed

J. Operational Tests

1.) Anti-islanding test

Pursuant to SCE's Electric Rule 21 section H.1.a (3), verify the Generating Facility ceases to output within two seconds of opening the disconnect switch or otherwise disconnecting the Generating Facility from SCE electrical system. (T)

Passes test? Yes
 No

2.) Reclose and return to service within Rule 21 guidelines

Pursuant to SCE's Electric Rule 21 section H.1.a.(2), verify that the time-delay function reconnects the Generating Facility with SCE's Distribution System after at least 60 seconds. (T)

Passes test? Yes
 No

K. Governing Authority

The terms and conditions of this Report shall at all times be subject to such changes or modification by the Public Utilities Commission of the State of California as said Commission may, from time to time, direct in the exercise of its jurisdiction.

L. Inspector Signature

I certify that I am currently a California licensed electrician, that the responses given in Part II of this Report for the Generating Facility are true and accurate to the best of my knowledge, and that the Generating Facility satisfies the Operational Tests in Part II, Section I.

Name California Licensed Electrical Contractor (Please Print):

Name California Licensed Electrical Contractor Signature:

_____ Date: _____

California Licensed Electrician License No:
