

Eligible Renewable Generation (ERG) Application INSTRUCTIONS

THIS DOCUMENT CONTAINS: ERG Application INSTRUCTIONS
 ERG Application INFORMATION
 ERG Application FORM
 ERG Application CHECKLIST

Please read the INSTRUCTIONS and INFORMATION before completing and submitting the FORM.

General Instructions for Completing the FORM

A. New Solar Customers (New ERG Customers)

- If installing new solar *only*, complete all items EXCEPT 5 and 6.
- If installing new solar *and* battery storage, complete ALL items.

B. Existing ERG or NEM Customers

- If expanding your solar *only*, complete all items EXCEPT 5. Complete item 4 for your *additional* solar and item 6 for your *combined* solar system.
- If adding battery storage to your existing solar *only*, complete all items EXCEPT 4.
- If expanding your solar *and* adding battery storage, fill out ALL items. Complete item 4 for your *additional* solar and item 6 for your *combined* solar and battery system.

Interconnection Fees

The interconnection application fees under Rider ERG are:

- \$330 for residential installations
- \$660 for commercial and multi-family installations up to 50 kilowatts (kW), and

Minimum \$1,100 for installations greater than 50 kW. AMP will provide an estimate for these fees if in excess of the minimum. These fees apply to new ERG installations *and* expansions of existing ERG systems to include additional generation or battery systems. Existing NEM are subject to these fees when installing new battery storage capacity.

Item Instructions

- 1. AMP Customer-Owner Information:** Provide the required customer information, including street address where the system will be installed and AMP account number for existing customers.
- 2. Installer Information:** If customer intends to install the system, check “Customer Owner” box. If not, provide installer contact information. If there are multiple installers, provide the information for all installers.
- 3. System Owner Information:** Provide system owner information if different from AMP Customer Owner.



Eligible Renewable Generation (ERG) Application INSTRUCTIONS

- 4. New or Additional Generation System:** Provide the information for new generation installations OR for the additions made to an existing system. It may be useful to review the general discussion of PV system specifications and installation guidelines at: http://www.energy.ca.gov/reports/2001-09-04_500-01-020.PDF .
 - a. **PV Modules:** Enter the manufacturer's name, model number, watts per module as reported by the CEC, and quantity of photovoltaic modules in the system.
 - b. **Inverters:** Enter the manufacturer's name, model number, and efficiency (as reported by the CEC) of the inverter(s) in the system.
 - c. **Capacity and Energy Production:** For solar PV systems, multiply the PTC watts per module, quantity of modules, and inverter efficiency to calculate the total AC system capacity.

- 5. Battery Storage System (if applicable):** Enter the battery manufacturer's name, battery model, quantity, total battery energy storage capacity, continuous power rating, maximum power rating, and the intended use of your battery system (e.g. partial home backup, self-consumption, etc.)

- 6. Combined System (if applicable):** Enter the rated capacity for your entire generation system (existing plus additions). If installing a battery system, indicate the combined capacity of your generation and battery storage system.

- 7. Installed System Cost:** Enter total cost of the system, including equipment and installation.

- 8. Required Attachments:** In addition to the completed application form, submit the following documents:
 - a. Signed copy of the AMP Interconnection Agreement
 - b. Drawing submittals (Required to obtain building permit only)
 - i. Site Plan & System Layout
 - ii. 1-Line or 3-Line Diagram
 - iii. Equipment data and/or Cut-sheets
 - iv. Elevation Drawing
 - c. Declaration Page(s) of customer's homeowner or business liability insurance policy coverage



Eligible Renewable Generation (ERG) Application INFORMATION

Solar Rebate Program Availability

AMP's Net Energy Metering (NEM) Solar Rebate Program has been fully subscribed and no further applications will be accepted under Rider NEM. All new installations will be under Rider ERG.

For existing NEM customers, expanding generation capacity or adding storage will not affect your status under NEM, provided that the expanded system complies with the requirements of Rider NEM. Existing NEM customers who sign a new AMP Interconnection Agreement upon expansion or addition of a storage system will *retain their original 10-year interconnection agreement length* for NEM purposes.

System Requirements

All Customer-Owners must accept the terms and conditions contained in the *AMP Interconnection Agreement For Residential, Commercial, or Municipal Eligible Renewable Electrical Generation Facilities* or the *AMP Interconnection Agreement for Federal Agencies* (AMP Interconnection Agreement), and obtain necessary building permits from the City of Alameda.

Consistent with AMP's ERG Rider, the capacity of an eligible renewable generator must not exceed 1,000 kW (CEC-AC). One customer is defined as the load served by one meter.

Systems with a total capacity in excess of 25 kW (PV rated capacity plus continuous battery output) may be subject to additional distribution studies. All installations must comply with the California Electrical Code. For complete system requirements, please refer to the *ERG Plans and Installation Requirements*, which can be found at <http://www.alamedamp.com/environment/installing-solar/forms-documents>.

Changes to System or Ownership

A Customer-Owner must notify AMP at least 60 days prior to any change in ownership of a system or system relocation. AMP will conduct a mandatory site inspection upon reinstallation. Additionally, a system relocation, change in capacity, or addition of a battery system will require new building permits from the City of Alameda, a new AMP Interconnection Agreement, and current proof of insurance.



Eligible Renewable Generation (ERG) Application FORM

START: Type of Installation (see INSTRUCTIONS)

Check all that apply:

- Installing new PV System only
Installing new PV system and storage
Expanding existing PV system

ERG Customer NEM Customer

- Adding storage to existing PV system

ERG Customer NEM Customer

1. AMP Customer Owner (Physical Site of Installation) Residential Commercial Municipal

Name on AMP Account: AMP Account #:
Installation Address: Alameda, CA 9450
Email: Phone: Fax:

2. Installer Information Customer-Owner Other Installer (shown below)

Company Name: Contact Name:
Address:
Phone: Fax: Email:

3. System Owner Information (if different from AMP Customer- Owner above, i.e., leased system)

Company Name: Contact Name:
Address:
Phone: Fax: Email:

4a. New or Additional Generation (PV) System (see www.gosolarcalifornia.org/equipment/index.html)

Module Manufacturer: Module Model #: CEC Watts/Module: Quantity:
Inverter Manufacturer: Inverter Model #: Efficiency: Quantity:

4b. New or Additional PV System Rated Capacity and Energy Production

CEC Watts/Module x Quantity of Modules x Inverter Efficiency = System Rated Capacity
Watts AC

5. Battery Storage System (if applicable)

Manufacturer: Model: Quantity: Total Battery Capacity kWh
Continuous Power Rating: Maximum Power Rating: Intended Use: kW kW



Eligible Renewable Generation (ERG) Application FORM

6. Combined System (if applicable)

Total PV Rated Capacity:
_____ kW

Total PV Rated Capacity + Battery Continuous Power:
_____ kW

7. Installed System Cost

Total cost of system: \$ _____

8. Required Attachments

- Signed copy of AMP Interconnection Agreement
- Declarations Page(s) of customer's insurance

9. Final Generating System Specifications (Upon Completion)

If the system components change between the approval of the *Eligible Renewable Generation Application Form* and the interconnection of the system, a new *Eligible Renewable Generation Application Form* must be completed with the final installed components, signed, and returned to AMP.

Check if this is a revised final application.

AGREEMENT

Each of the Undersigned declares under penalty of perjury that:

- 1) Information provided in this form is true and correct to the best of my knowledge,
- 2) Site of the installation is located within Alameda Municipal Power's service territory,
- 3) Customer's intent is to operate the system at the listed site of installation for its useful life.

I acknowledge that I have read and understand the policies outlined in AMP's Interconnection Agreement General Conditions and that if I'm installing a new PV system, I have read and understand AMP's billing methods for charging and crediting as defined in Rider ERG.

Customer-Owner (Signature): _____ Date: _____

System Owner (Signature): _____ Date: _____
(If different from Customer)

Please email, mail or drop-off your *Eligible Renewable Generation Application Form* & attachments to AMP's Customer Resources Department:

Email

solar@alamedamp.com

Mail or Drop-off

Alameda Municipal Power
Renewable Generation Program
2000 Grand Street
P.O. Box H
Alameda, CA 94501



Eligible Renewable Generation (ERG) Application CHECKLIST

Date	Sequential Steps	Notes
_____	1. Energy audit (OPTIONAL)	Call AMP at (510) 748-3900 to schedule a free energy audit.
_____	2. Application and Attachments	<p>Submit (via mail, email, or drop-off) the following to AMP's Customer Resources Department:</p> <ul style="list-style-type: none">• Eligible Renewable Generation Application FORM• Signed copy of AMP Interconnection Agreement• Declarations Page(s) of customer's insurance policy• Interconnection fees (if applicable) <p>AMP will review the application to insure the system meets our criteria for interconnection. AMP will send an email or letter confirming receipt of all required documents.</p>
_____	3. Building permit	<p>Obtain building permit at the Permit Center in City Hall, located in Room 190 within the Community Development Department. For more information, please call (510) 747-6800. To check status of the permit application, go to the <i>ePermit</i> Portal: http://alamedaca.gov/epermit-portal.</p> <p>The following system drawings should be submitted with the permit application:</p> <ul style="list-style-type: none">• Site Plan & System Layout• 1-Line or 3-Line Diagram• Equipment data and/or Cut-sheets• Elevation Drawing
_____	4. Electrical inspections	<p>1. Upon completion of any installation which includes battery storage, send an email request to AMPInspect@alamedamp.com. Please include the permit number, address, and contact information in the email to schedule an AMP electrical inspection. If you are not able to send an email request you may call (510) 814-5676 for assistance.</p> <p>NOTE: If installing new solar or expanding existing solar systems, an AMP inspection is not required prior to scheduling final building permit inspection.</p> <p>2. Call Permit Center at (510) 747-6830 to schedule final building permit inspection. Email a copy of the final building permit to solar@alamedamp.com to complete interconnection.</p>