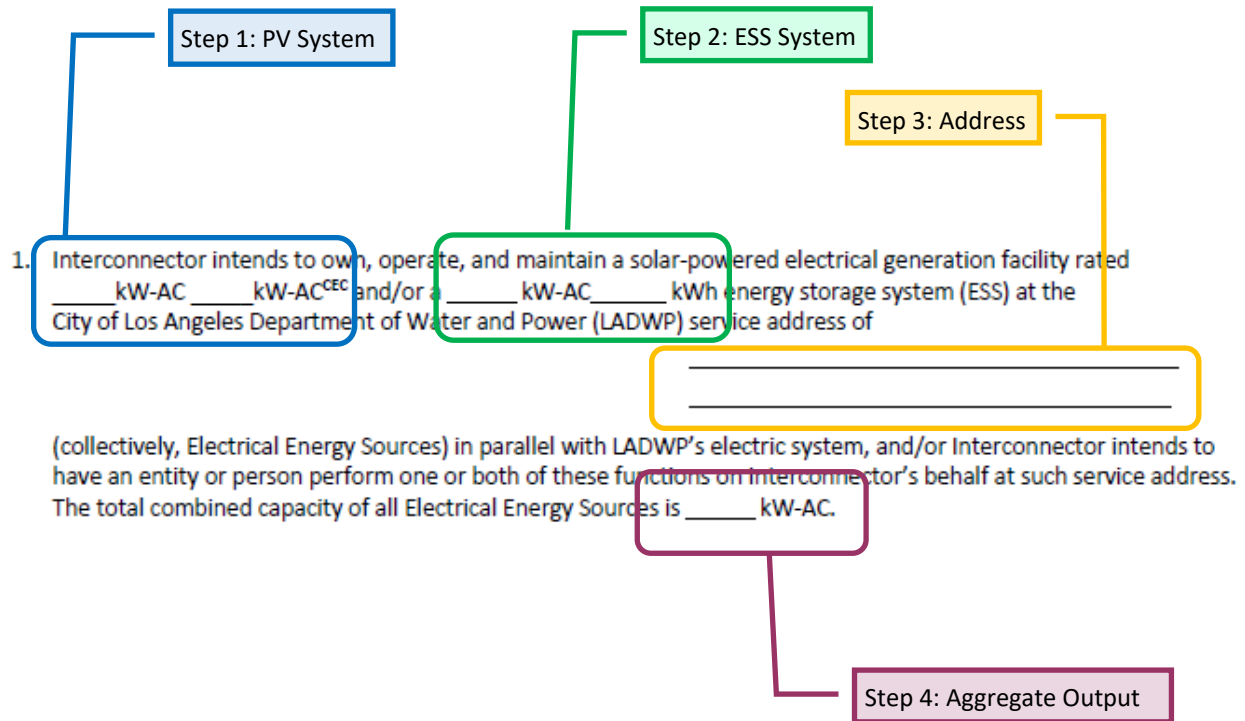


# Solar Coordinator Tip Sheet

## How to Complete the Small System Interconnection Agreement (IA) Form



### Step 1: PV System

1a. kW AC

- Enter the total kW-AC rating (including the existing PV System).
- kW-AC rating is the inverter maximum continuous output power (AC) at unity power factor.
- For projects involving additional system and/or system upgrade, please provide the total size of the PV system being installed and/or maintained at the property (see Page 5).
- This is a required field, do not leave blank. Use “0” to represent no system size.

1b. kW AC-CEC

- Enter the total kW AC-CEC rating, including existing PV System.
- AC-CEC = (Number of panels) X (unadjusted panel practical test conditions (PTC) Rating) X (Inverter Efficiency). (For assistance please go to <https://www.energy.ca.gov/programs-and-topics/programs/solar-equipment-lists>).
- This is a required field, do not leave blank. Use “0” to represent no system size.

Note: 1a and 1b should never be the same number

# Solar Coordinator Tip Sheet

## How to Complete the Small System Interconnection Agreement (IA) Form

### Step 2: ESS System

#### 2a. kW AC

- Enter the total battery/energy storage system in kW AC, including existing system(s). (For AC or DC coupled systems, the system size is determined by the inverter maximum continuous output/AC nameplate).
- For projects involving additional system and/or system upgrade, please provide the total size of the BESS system being installed and/or maintained at the property (see Page 5).
- This is a required field, do not leave blank. Use "0" to represent no system size.

#### 2b. kWh

- Enter the total battery/energy storage system nameplate rating in kWh, including the existing system(s).
- For Non-Stationary ESS, this field should reflect the total capacity (including any/all BESS and F-150 components). (Please see Page 4 for assistance).
- This is a required field, do not leave blank. Use "0" to represent no system size.

Note: 2a and 2b should never be the same number.

### Step 3: Address

- Enter the full LADWP service address (include unit/suite number, city, state, and zip code).
- This is a required field, do not leave blank.

### Step 4: Aggregate Output

- Enter the total aggregate output of the PV and ESS systems in kW-AC. (Step 1a + Step 2a = Step 4).
- DC coupled system only: Enter the kW AC rating of the inverter's maximum continuous output.
- This required field should never be blank or "0".

### Attention Project Managers

- Compare PV system size and BESS system size. Using higher system size value determine which IA is applicable to your project, if required.
- IA is not required for PV and/or BESS systems that are 10.00 kW AC or below.
- Small System IA is required for PV systems > 10.00 kW AC-CEC and ≤ 30.00 kW AC-CEC.
- Small System IA is required for BESS systems > 10.00 kW AC and ≤ 30.00 kW AC.
- Small System IA is not applicable for PV and/or BESS systems > 30.00 kW AC. In this case, please use the Standard Offer IA .

6. Interconnector understands and accepts that operation of a **solar-powered electrical generation facility larger than 30 kW-AC<sup>CEC</sup> or ESS larger than 30 kW-AC** at the service address stated in Section 1 above in parallel with LADWP's electric system **is not authorized by this document**, and, in such event, Interconnector may need to sign a different form of Customer Generation Interconnection Agreement than this.

# Solar Coordinator Tip Sheet

## How to Complete the Small System Interconnection Agreement (IA) Form

### Step 5: Customer Signature

The signatory hereto represents that they are appropriately authorized to sign on behalf of Interconnector, either an LADWP customer or property owner\*.

Customer Signature: \_\_\_\_\_

Customer Name (Print): \_\_\_\_\_

Date: \_\_\_\_\_

### Step 6: Property Owner

Property Owner Signature: \_\_\_\_\_

Property Owner Name (Print): \_\_\_\_\_

Date: \_\_\_\_\_

\* Where the customer of LADWP is a Tenant Customer, as defined in LADWP's Net Energy Metering Guidelines, the property owner of the service address above shall also sign as an Interconnector.

### Step 5: Customer Signature

- Signature of the LADWP customer of record only (must match customer name on bill).
- "Wet" (handwritten) signatures and electronically-signed signatures are acceptable.
- Printed name and title (include a business entity or trust, if applicable) of the person who signed above.
- All fields are required. Please do not leave blank.

### Step 6: Property Owner

- These fields are not required if the property owner and LADWP customer of record are the same.
- Signature of legal property owner of record.
- "Wet" (handwritten) signatures and electronically-signed signatures are acceptable.
- Printed name and title (include a business entity or trust, if applicable) of the person who signed above.

### Attention Project Managers

- All electronically-signed documents must include a signature verification confirmation page that contains of the name, email, and other security information of the authorized signatory.
- Digital signature may not be accepted, if there are insufficient security protocols or inconsistent (and/or missing information).
- For assistance, please see the sample on Page 4 and/or consult your software's Help/FAQ sections.

# Solar Coordinator Tip Sheet

## Appendix

### Sample Digital Signature Audit Page



#### Certificate Of Completion

Envelope Id: [REDACTED] AA8F385FE Status: Completed  
 Subject: Complete with DocuSign: system Interconnection.pdf  
 Source Envelope:  
 Document Pages: 1 Signatures: 1 Envelope Originator:  
 Certificate Pages: 1 Initials: 0 [REDACTED]  
 AutoNav: Enabled [REDACTED]  
 Envelope Stamping: Enabled [REDACTED]  
 Time Zone: (UTC-08:00) Pacific Time (US & Canada) [REDACTED]  
 IP Address: [REDACTED]

#### Record Tracking

Status: Original Holder: [REDACTED] Location: DocuSign  
 3/2/2023 10:41:38 AM [REDACTED]

#### Signer Events

[REDACTED]  
 [REDACTED]

Security Level: Email, Account Authentication (None)

#### Signature

[REDACTED]

Signature Adoption: Pre-selected Style  
 Using IP Address: [REDACTED]

#### Timestamp

Sent: 3/2/2023 10:43:40 AM  
 Resent: 3/3/2023 11:25:42 AM  
 Viewed: 3/3/2023 2:35:04 PM  
 Signed: 3/3/2023 2:35:21 PM

Electronic Record and Signature Disclosure:  
 Not Offered via DocuSign

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	3/2/2023 10:43:40 AM
Certified Delivered	Security Checked	3/3/2023 2:35:04 PM
Signing Complete	Security Checked	3/3/2023 2:35:21 PM
Completed	Security Checked	3/3/2023 2:35:21 PM
Payment Events	Status	Timestamps

#### Non Stationary ESS : F-150

- The F-150 refers to the Ford 150 Lightning vehicle, additional components will be required in order to utilize the F-150 as a energy storage system (ESS).
- The F-150 capacity does contribute to the kWh storage.
- F-150 will not contribute to the aggregate system size of all energy sources (kW AC).

# Solar Coordinator Tip Sheet

## Appendix

### PV System only

1. Interconnector intends to own, operate, and maintain a solar-powered electrical generation facility rated 10.23 kW-AC 11.12 kW-AC<sup>CEC</sup> and/or a 0 kW-AC 0 kWh energy storage system (ESS) at the City of Los Angeles Department of Water and Power (LADWP) service address of

123 Main St Apt 1  
Los Angeles, CA, 12345

(collectively, Electrical Energy Sources) in parallel with LADWP’s electric system, and/or Interconnector intends to have an entity or person perform one or both of these functions on Interconnector’s behalf at such service address. The total combined capacity of all Electrical Energy Sources is 10.23 kW-AC.

### ESS only

1. Interconnector intends to own, operate, and maintain a solar-powered electrical generation facility rated 0 kW-AC 0 kW-AC<sup>CEC</sup> and/or a 12.12 kW-AC 30.22 kWh energy storage system (ESS) at the City of Los Angeles Department of Water and Power (LADWP) service address of

123 Main St Apt 1  
Los Angeles, CA, 12345

(collectively, Electrical Energy Sources) in parallel with LADWP’s electric system, and/or Interconnector intends to have an entity or person perform one or both of these functions on Interconnector’s behalf at such service address. The total combined capacity of all Electrical Energy Sources is 12.12 kW-AC.

### System Upgrade & Additional System

Please provide the existing system size before the upgrade and/or any additional battery capacity being added:

For example:

the existing size + additional size = total size

Existing system: 4.2 kW AC  
New system: 4.5 kW AC  
Total system: 8.7 kW AC

#### Standard Offer for Customer–Owned Solar-Powered Electrical Generation Facility and/or Energy Storage System Interconnection Agreement (Solar >10 kW-AC<sup>CEC</sup> and ≤30 kW-AC<sup>CEC</sup> and/or Storage >10 kW-AC and ≤30 kW-AC)

1. Interconnector intends to own, operate, and maintain a solar-powered electrical generation facility rated 8.70 kW-AC 11.10 kW-AC<sup>CEC</sup> and/or a 0.00 kW-AC 0.00 kWh energy storage system (ESS) at the City of Los Angeles Department of Water and Power (LADWP) service address of

3101 Artesian St  
Los Angeles, CA 90031

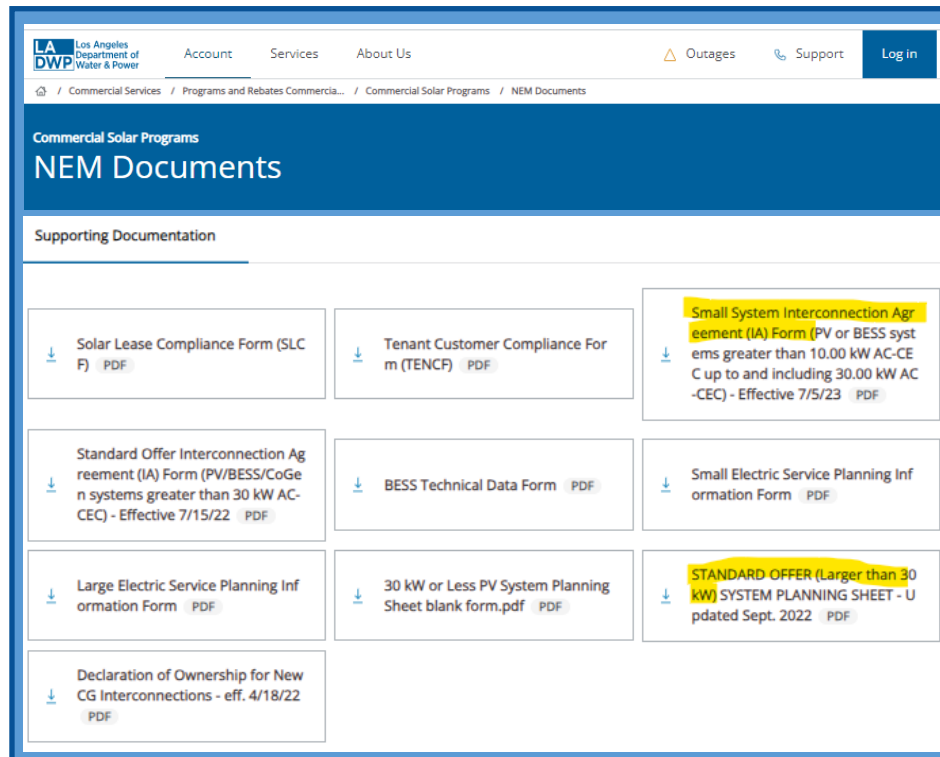
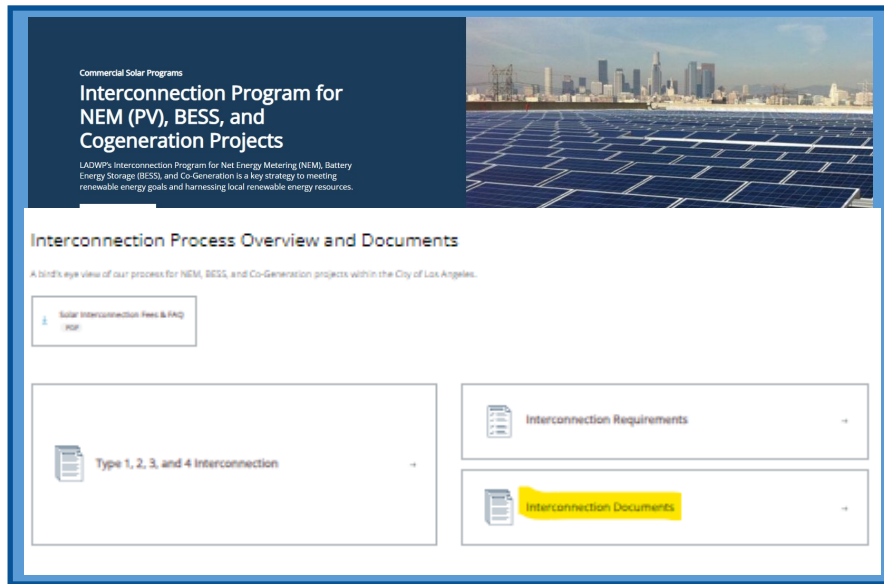
(collectively, Electrical Energy Sources) in parallel with LADWP’s electric system, and/or Interconnector intends to have an entity or person perform one or both of these functions on Interconnector’s behalf at such service address. The total combined capacity of all Electrical Energy Sources is 8.70 kW-AC.

# Solar Coordinator Tip Sheet

## Appendix

### Downloadable Documents

The **most up to date versions of forms and all other required documents** can be found on our webpage – [NEM Documents | Los Angeles Department of Water and Power \(ladwp.com\)](https://ladwp.com) => Commercial Services => Programs and Rebate Commercials => Commercial Solar Programs => NEM Documents



# Solar Coordinator Tip Sheet

## Sample Completed Form

Standard Offer for Customer–Owned Solar-Powered Electrical Generation Facility  
and/or Energy Storage System Interconnection Agreement  
(Solar >10 kW-AC<sup>CEC</sup> and ≤30 kW-AC<sup>CEC</sup> and/or Storage >10 kW-AC and ≤30 kW-AC)

1. Interconnector intends to own, operate, and maintain a solar-powered electrical generation facility rated 10.23 kW-AC 11.12 kW-AC<sup>CEC</sup> and/or a 12.12 kW-AC 30.22 kWh energy storage system (ESS) at the City of Los Angeles Department of Water and Power (LADWP) service address of

123 Main St Apt 1  
Los Angeles, CA, 12345

(collectively, Electrical Energy Sources) in parallel with LADWP's electric system, and/or Interconnector intends to have an entity or person perform one or both of these functions on Interconnector's behalf at such service address. The total combined capacity of all Electrical Energy Sources is 22.35 kW-AC.

2. Interconnector understands and accepts that each Electrical Energy Source described in Section 1 above shall not be operated in parallel with LADWP's electric system until LADWP has completed an inspection of such Electrical Energy Source and has authorized connection of the same with LADWP's electric system.
3. Interconnector understands and accepts that if LADWP determines, after review of Interconnector's generation specifications for the solar-powered electrical generation facility and/or ESS described in Section 1 above, that an LADWP-owned facility must be constructed and/or modifications made to LADWP's system for the safe operation of such solar-powered electrical generation facility and/or ESS in parallel with LADWP's electric system, Interconnector shall pay an amount equal to LADWP's estimated costs prior to any work being undertaken by LADWP.
4. Interconnector understands and accepts that operation of an Electrical Energy Source larger than described in Section 1 above at the service address stated in Section 1 above in parallel with LADWP's electric system is a basis for disconnection, at the sole discretion of LADWP, of the larger than described Electrical Energy Source from LADWP's electric system.
5. Interconnector acknowledges that, in compliance with the LADWP's Electric Service Requirements, accommodating the total combined capacity of all Electrical Energy Sources may require distribution system upgrades as determined after engineering review, that any ESS must be programmed to operate only in a manner which is consistent with the LADWP's Electric Service Requirements, and that any solar-powered electrical generation facility must be operated in accordance with LADWP's rate schedules, LADWP's Rules Governing Water and Electric Service, LADWP's Electric Service Requirements, and all applicable codes and ordinances.
6. Interconnector understands and accepts that operation of a solar-powered electrical generation facility larger than 30 kW-AC<sup>CEC</sup> or ESS larger than 30 kW-AC at the service address stated in Section 1 above in parallel with LADWP's electric system is not authorized by this document, and, in such event, Interconnector may need to sign a different form of Customer Generation Interconnection Agreement than this.

The signatory hereto represents that they are appropriately authorized to sign on behalf of Interconnector, either an LADWP customer or property owner\*.

Customer Signature: Sign here Property Owner Signature: Sign Here

Customer Name (Print): ABC Company, Jane Doe, CEO Property Owner Name (Print): John Doe

Date: 01/01/2024 Date: 01/01/2024

\* Where the customer of LADWP is a Tenant Customer, as defined in LADWP's Net Energy Metering Guidelines, the property owner of the service address above shall also sign as an Interconnector.