

# Residential Battery Only Diagram Checklist



Application #: \_\_\_\_\_

Premise #: \_\_\_\_\_

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

## Three Line Diagram

### 1. Diagram Review:

- a.  Yes  No; does the diagram omit any copyrighted, proprietary or confidential language?
- b.  Yes  No; does the diagram show the install address?
- c.  Yes  No; are the battery question details on the application answered?

### 2. AC Coupled Battery System

**Check this box if section does not apply**

#### a. System Utility Disconnect Switch information:

1.  Yes  No; is the correct orientation shown?
2.  Yes  No; is the make and model shown?
3.  Yes  No; is the amperage shown?
4.  Yes  No; does the make and model match the application?

#### b. Inverter Information:

**Check this box if section does not apply**

1.  Yes  No; is the number of inverters shown?
2.  Yes  No; is the make and model shown?
3.  Yes  No; is the total AC kW shown?
4.  Yes  No; does the number of inverters, make, model, and AC kW match the application?

### 3. DC Coupled Battery System

**Check this box if section does not apply**

#### a. Existing PV Utility Disconnect Switch information:

1.  Yes  No; is the existing PV Utility disconnect switch orientation shown correctly?

#### b. Existing PV Utility Production Meter Information:

1.  Yes  No; is the existing production meter shown as bi-directional?

#### c. Backup Sub-Panel Disconnect Switch information:

1.  Yes  No; is the correct orientation shown?
2.  Yes  No; is the make and model shown?
3.  Yes  No; is the amperage shown?
4.  Yes  No; does the make and model match the application?

#### d. Backup Load Sub-Panel Meter Information:

1.  Yes  No; is the socket make, model shown?
2.  Yes  No; is the meter form number and amperage shown?
3.  Yes  No; is the production meter labeled mono/uni-directional?

## Site Plan Drawing

### 1. Drawing Review

- a.  Yes  No; does the drawing omit any copyrighted, proprietary, or confidential language?
- b.  Yes  No; is the install address shown?

### 2. Notes

- a.  Yes  No; are these required notes shown?
  - 24hr Unrestricted Access Notes
  - Workspace Notes
  - Meter Separation from Gas/Water Notes

### 3. Labels

- a.  Yes  No; is the following Utility equipment clearly labeled:
  - Billing Meter & SES
  - System Utility Disconnect Switch (AC Coupled Battery)
  - PV System Utility Disconnect Switch (DC Coupled Battery)
  - PV Utility Production Meter (DC Coupled Battery)
  - Backup Sub-panel meter disconnect switch (DC Coupled Battery)
  - Backup load Sub-panel meter (DC Coupled Battery)

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- b.  Yes  No; is the following equipment clearly labeled:
  - Inverter(s) (AC Coupled Battery) (if applicable)
  - Battery(s)
- c.  Yes  No  N/A; are the following structures clearly labeled:
  - Carport
  - Breezeway
  - Patio
  - Porch
  - Any other structures
- d.  Yes  No; are the following items clearly labeled?
  - Gates
  - Fences
  - Any other items that would create obstructions on the property
- e.  Yes  No  N/A; if 3.d is answered No; does the drawing show a note stating no fences or gates?
- f.  Yes  No; is the street clearly labeled and shown?
- g.  Yes  No; is driveway clearly labeled and shown?

### 4. Access to Equipment

- a.  Yes  No; does APS have 24 hour unrestricted access to APS required Utility Disconnect Switch(s) and Utility Production Meter(s)?

### Comments:

[status] [initials] [date]