

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

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

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

**Rate Rider Requirements**

**1. System Size Criteria:**

- a.  Yes  No; is the System over 10 kW DC? The Systems Total kW DC = \_\_\_\_\_
- b.  Yes  No  N/A; if 1.a. is answered Yes; is the facility's nameplate capacity  $\leq$  150% of the customer's maximum one-hour peak demand over the prior twelve (12) months?  
Max One-Hour Peak Demand \_\_\_\_\_ x150% = \_\_\_\_\_
- c.  Yes  No  N/A; is the System's kW DC greater than 15 kW DC? If yes, does the System comply with one of the following electrical service limits: SES = \_\_\_\_\_
  - 200 Amp service, the maximum is 15 kW DC.
  - 400 Amp service, the maximum is 30 kW DC.
  - 600 Amp service, the maximum is 45 kW DC.
  - 800 Amp service, the maximum is 60 kW DC.
- d.  Yes  No; does the customer qualify for RCP?
- e.  Yes  No; did the customer select RCP?

**Three Line Diagram**

**PV System**

**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  N/A; If the system is an expansion, is the location of the connection point for the existing system shown?
- d.  Yes  No  N/A; If the system contains batteries are the question details on the application answered accordingly?

**2. Service Entrance Section (SES) Information:**

- a.  Yes  No; the SES is labeled new or existing.
- b.  Yes  No; is the SES amperage, voltage, and phase shown?
- c.  Yes  No  N/A; is the Main Breaker amperage shown?
- d.  Yes  No; is the PV (Backfed) Breaker amperage shown?
- e.  Yes  No; does the SES amperage match the application?
- f.  Yes  No  N/A; does the Main Breaker amperage match the application?
- g.  Yes  No; does the PV (Backfed) Breaker amperage match the application?

**3. System Utility Disconnect Switch information:**

- a.  Yes  No; is the correct orientation shown?
- b.  Yes  No; is the make and model shown?
- c.  Yes  No; is the amperage shown?
- d.  Yes  No; does the make and model match the application?

**4. PV Utility Production Meter Information:**

- a.  Yes  No; is the socket make, model shown?
- b.  Yes  No; is the meter form number and amperage shown?

**5. Inverter Information:**

- a.  Yes  No; is the number of inverters shown?
- b.  Yes  No; is the make and model shown?
- c.  Yes  No; is the total AC kW shown?
- d.  Yes  No; does the number of inverters, make, model, and AC kW match the application?

**6. Photovoltaic Module Information:**

- a.  Yes  No; is the number of panels shown?
- b.  Yes  No; is the make and model shown?
- c.  Yes  No; is the total DC Wattage/kW shown?
- d.  Yes  No; does the number of panels, make, model, and DC wattage/kW match the application?

## Residential Diagram Checklist

### For PV System with AC Coupled Battery System

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

#### 1. PV System Metering Disconnect Switch information:

- a.  Yes  No; is the correct orientation shown?
- b.  Yes  No; is the make and model shown?
- c.  Yes  No; is the amperage shown?
- d.  Yes  No; does the make and model match the application?

### For PV System with DC Coupled Battery System

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

#### 1. PV Utility Production Meter Information:

- a.  Yes  No; is the socket make, model shown?
- b.  Yes  No; is the meter form number and amperage shown?
- c.  Yes  No; is the production meter shown as bi-directional?

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

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

#### 3. Backup Sub-Panel Metering Disconnect Switch information:

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

- a.  Yes  No; is the correct orientation shown?
- b.  Yes  No; is the make and model shown?
- c.  Yes  No; is the amperage shown?
- d.  Yes  No; does the make and model match the application?

## 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; are the following Utility equipment clearly labeled:
  - Billing Meter & SES
  - PV Utility Production Meter (New and/or existing)
  - System Utility Disconnect Switch (New and/or existing)
  - PV System Metering Disconnect Switch (AC Coupled Battery Only)
  - Backup Sub-panel meter disconnect switch (DC Coupled Battery Only)
  - Backup load Sub-panel meter (DC Coupled Battery Only)
- b.  Yes  No; is the following equipment clearly labeled:
  - Inverter(s) (New and/or existing)
  - Photovoltaic Modules (New and/or existing)
  - Sub-panel with Backfed breaker (if applicable)
  - Battery(s) (if applicable)
- 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

## Residential Diagram Checklist

- e.  Yes  No  N/A; if 3.d.is answered No; does the drawing show a note stating no fences or gates or obstructions?
- 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]