

Application #: _____

Premise #: _____

Date: _____

Rate Rider Requirements

1. Residential 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?

2. Commercial 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; does the customer qualify for EPR-6?
- d. Yes No N/A; if c. is answered No; did the customer select EPR-2?

Three Line Diagram

PV System

1. Diagram Review:

- a. Yes No; does the diagram omit any copyrighted, proprietary or confidential language?
- b. Yes No N/A; **(Commercial Only)** are diagrams P.E. Stamped?
- c. Yes No; does the diagram show the install address?
- d. Yes No N/A; if the system is an expansion, is the location of the connection point for the existing system shown?
- e. Yes No N/A; if the system contains batteries are the question details on the application answered accordingly?
- f. Yes No; does the diagram show a tap in the SES/Sub-Panel? If yes, a letter from the Panel Manufacturer stating the tap does not violate the UL Listing is required or a field evaluation letter from an authorized NRTL program provider. NRTL providers: <https://www.osha.gov/dts/otpc/nrtl/nrtllist.html>.

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?

Diagram Checklist

5. Inverter Information:

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

6. Photovoltaic Module Information:

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

For PV System with AC Coupled Energy Storage System

Check this box if section does not apply

1. PV System Metering Disconnect Switch information:

- Yes No; is the correct orientation shown?
- Yes No; is the make and model shown?
- Yes No; is the amperage shown?
- Yes No; does the make and model match the application?

2. Energy Storage Meter Information:

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

3. Energy Storage Disconnect Information:

Check this box if section does not apply

- Yes No; is the correct orientation shown?
- Yes No; is the make and model shown?
- Yes No; is the amperage shown?
- Yes No; does the make and model match the application?

For PV System with DC Coupled Energy Storage System

Check this box if section does not apply

1. PV Utility Production Meter Information:

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

2. Backup Load Sub-Panel Meter Information:

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

- Yes No; is the correct orientation shown?
- Yes No; is the make and model shown?
- Yes No; is the amperage shown?
- Yes No; does the make and model match the application?

Site Plan Drawing

1. Drawing Review

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

2. Notes

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

Diagram Checklist

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 Energy Storage Only)
 - Backup Sub-panel meter disconnect switch (DC Coupled Energy Storage Only)
 - Backup load Sub-panel meter (DC Coupled Energy Storage 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)
 - Energy Storage (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
- 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]