

## Rule 21 Interconnection Request Checklist for Projects requesting an accelerated Permission To Operate (PTO)

The purpose of this Interconnection Request<sup>1</sup> checklist is to provide a summary of the information/documents needed to be eligible to achieve an accelerated Permission To Operate (PTO). Accelerated PTO is available to Rule 21 Non-Export Applicants, including those applying for the Self-Generation Incentive Program (SGIP) Equity Resiliency Program, that meet the eligibility requirements listed below and submit the documentation summarized in Table 1. Interconnection Applications submitted without the documents summarized in Table 1 below will be processed in accordance with standard Rule 21 timelines.

**Rule 21 Non-Export Applicants (including SGIP participants) seeking an accelerated PTO must meet the following eligibility requirements:**

1. The energy storage system is stand-alone (not paired with a NEM-eligible generator).
2. The energy storage system is used for peak shaving and backup mode only.
3. The energy storage system must use inverter(s) listed on the CEC certified equipment list.<sup>2</sup>
4. The Generating Facility must have a total combined maximum inverter nameplate rating (when multiple inverters are used) of no greater than 10 kVA/kW.
5. The Generating Facility must pass Fast Track Initial Review of technical screens and not require any Interconnection Facilities and/or Distribution Upgrades to interconnect, and a Net Generation Output Meter (NGOM) is not requested in the Interconnection Request.
6. The Applicant must not select the Cost Envelope option.
7. The Applicant must select Rule 21 Non-Export Protection Option 3 (“Certified Non-Islanding Protection”) or Option 6 (“Inadvertent-Export utilizing UL-1741 or UL-1741 SA-listed grid support [non-islanding] inverters as described in Section Mm” of Rule 21).
8. When selecting Protection Option 6, the energy storage system must utilize an SCE approved control system or certified UL 1741 CRD power control system with the required functions for energy storage (customer must select from the approved list in SCE’s Grid Interconnection Processing Tool).
9. Interconnection Customer is not requesting a Generator Meter Adaptor (GMA).
10. The energy storage system must be connected to the load side of the main customer breaker (No Line Side Tap “connecting ahead of the main breaker”).
11. The energy storage system will not increase the existing site maximum load demand when in charging mode.
12. The Applicant must submit all items summarized in Table 1 below. All required items must be submitted during initial application submittal (suggest Interconnection Customer/Developer to submit complete packages, not piecemeal).

<sup>1</sup> Capitalized terms shall have the definitions set forth in SCE’s Rule 21.

<sup>2</sup> <https://www.gosolarcalifornia.ca.gov/equipment/inverters.php>

## Rule 21 Interconnection Request Checklist for Projects requesting an accelerated Permission To Operate (PTO)

Checklist of documents required to be eligible to achieve an accelerated PTO:

**Table 1**

#	Documentation submitted via Grid Interconnection Processing Tool (GIPT)	Required with Application Submission	Document Reference for additional information
1	Interconnection Request (Form 14-732) for Non-Exporting Generators	Yes	Attachment A
2	Interconnection Review Fee = \$800	Yes	
3	SCE-Approved Simplified Single Line Diagram for Option 3 or Option 6 <sup>3</sup>	Yes	Attachment B
4	Certificate of Liability Insurance as required in Interconnection Agreement Section 8	Yes	Attachment C
5	Building & Safety Final Inspection from Authority Having Jurisdiction	No*	Attachment D
6	Signed Interconnection Agreement	No**	N/A

\*Note: SCE requires a copy of the electrical inspection release from the appropriate Authority Having Jurisdiction (AHJ). A copy of this electrical inspection release may be submitted with the Interconnection Request to reduce overall processing time; or submitted later, but this will extend overall processing time and issuance of the PTO.

\*\*Note: In order to reduce overall processing time, all agreement parties must sign the interconnection agreement as soon as practicable upon receipt of the DocuSign request from SCE. Failure to DocuSign the agreement in a timely manner will extend the PTO timelines.

Disclaimer: SCE will make every effort to accelerate tariff timelines for any request meeting the criteria listed above. In the event of a delay or conflict in timelines, the Rule 21 tariff criteria and timelines will prevail.

<sup>3</sup> [www.sce.com/gridinterconnection](http://www.sce.com/gridinterconnection)

## Attachment A

### Interconnection Request Online Link and Application Fee

Grid Interconnection Processing Tool (Online Application): Online Link =  
<https://gridinterconnection.sce.com/prweb?AppName=GIPT>

Interconnection Request Fee (Non-Refundable) = \$800

An Initial Review fee of \$800 (payable by electronic payment via Automated Clearing House (ACH)) shall accompany the Applications, be paid at the time the Application is submitted.

## Attachment B

Templates for Simplified Single Line Diagrams for Rule 21 Non-Export Protection Option 3 or Option 6

# Simplified Single Line Diagram (SLD) Template

## Rule 21 Non Export - Protection Option 3

### Storage systems with inverter nameplate rating less than or equal to 10 kVA/kW



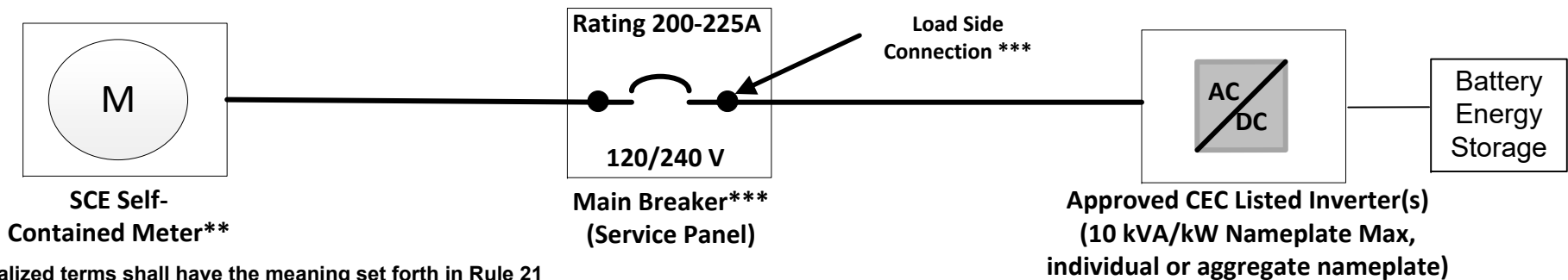
By submitting this document in connection with a Rule 21 Interconnection Request\*, the Applicant certifies that the Simplified Single Line Diagram (SLD) represents an accurate configuration of the Generating Facility and that the information accurately represents the Interconnection Customer's (IC's) service equipment, all generation at the Generating Facility is comprised of battery energy storage, and that the Generating Facility is connecting to the load side of the IC's main service breaker

By submitting this document in connection with a Rule 21 Interconnection Request, the Applicant certifies that the following requirements and parameters of the Generating Facility and energy storage system are true:



- A) The IC's service panel rating is equal to 200 - 225 Amps and the voltage rating is 120/240 Volts
- B) The SCE metering is a self-contained meter
- C) The IC elects Rule 21 Non-Export Protection Option #3 for all generation at the Generating Facility.
- D) The aggregate inverter nameplate is equal to or less than 10 kVA/kW
- E) The inverter(s) selected must be from the CEC list of approved inverters
- F) The IC will not charge the energy storage system to increase the Generating Facility's maximum peak demand
- G) The point of connection is on the load side of the main breaker(Note: Line side tap connections cannot use this template)

Simplified Single Line Diagram (SLD)\*\*\*\*



\* Capitalized terms shall have the meaning set forth in Rule 21

\*\* The IC shall not install any equipment in SCE's metering section(s) and must comply with SCE's Electric Service Requirements (ESR)

\*\*\* Other equipment (such as breakers, fuses, wiring, disconnects, etc.) as may be required to connect the battery energy storage generator to the load side of the IC's main breaker shall meet local requirements and must be approved by the Authority Having Jurisdiction (AHJ)

\*\*\*\* The simplified SLD represents only the equipment and arrangement required by SCE for interconnection for this specific application. Local jurisdictions may have additional requirements

SCE reserves the right to require a project specific SLD as may be required for SCE to evaluate specific project information

SCE will update this template Single Line Diagram as may be required to clarify new or existing requirements

Version #1

Disclaimer: This SLD Template (Template) is intended for use exclusively to request interconnection to Southern California Edison's (SCE) Distribution System pursuant to Rule 21. The Template may not be submitted to any third party or Governmental Authority for the purpose of obtaining approval of the Interconnection Customer's Generating Facility. SCE is not responsible for the design of the Interconnection Customer's Generating Facility and in no way certifies that the Template accurately represents the Generating Facility or that the Generating Facility meets the requirements of any Governmental Authority having jurisdiction.

# Simplified Template Single Line Diagram (SLD)

## Rule 21 Non Export - Protection Option 6

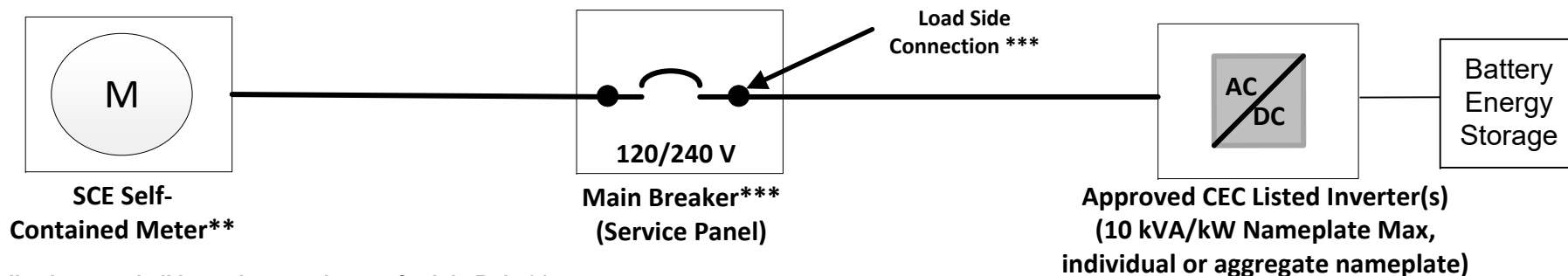
### Storage systems with inverter nameplate rating less than or equal to 10 kVA/kW

By submitting this document in connection with a Rule 21 Interconnection Request\*, the Applicant certifies that the Simplified Single Line Diagram (SLD) represents an accurate configuration of the Generating Facility and that the information accurately represents the Interconnection Customer's (IC's) service equipment, all generation at the Generating Facility is comprised of battery energy storage, and that the Generating Facility is connecting to the load side of the IC's main service breaker

By submitting this document in connection with a Rule 21 Interconnection Request, the Applicant certifies that the following requirements and parameters of the Generating Facility and energy storage system are true:

- A) The energy storage system is utilizing a certified UL 1741 CRD power control system or a SCE pre-approved power control system that meets the Rule 21 section Mm (Option 6) requirements
- B) The IC's service panel must have a voltage rating of 120/240 Volts
- C) The SCE metering is a self-contained meter
- D) The IC elects Rule 21 Non-Export Protection Option #6 for all generation at the Generating Facility.
- E) The aggregate inverter nameplate is equal to or less than 10 kVA/kW
- F) The inverter(s) selected must be from the CEC list of approved inverters
- G) The IC will not charge the energy storage system to increase the Generating Facility's maximum peak demand
- H) The point of connection is on the load side of the main breaker (Note: Line side tap connections cannot use this template)

Simplified Single Line Diagram (SLD)\*\*\*\*



\* Capitalized terms shall have the meaning set forth in Rule 21

\*\* The IC shall not install any equipment in SCE's metering section(s) and must comply with SCE's Electric Service Requirements (ESR)

\*\*\* Other equipment (such as breakers, fuses, wiring, disconnects, etc.) as may be required to connect the battery energy storage generator to the load side of the IC's main breaker shall meet local requirements and must be approved by the Authority Having Jurisdiction (AHJ)

\*\*\*\* The simplified SLD represents only the equipment and arrangement required by SCE for interconnection for this specific application. Local jurisdictions may have additional requirements

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## Attachment C

Sample of acceptable Certificate of Liability Insurance form

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

**MM/DD/YYYY**

**THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.**

**IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).**

PRODUCER  <b>MARSH USA</b>  <b>ADDRESS</b>  <b>CITY, STATE, ZIP CODE</b>	CONTACT NAME <b>NAME</b> PHONE (A/C No. Ext): <b>PHONE NUMBER</b>   FAX (A/C No): <b>PHONE NUMBER</b> E-MAIL ADDRESS <b>NAME@XYZ.COM</b> <hr/> INSURER(S) AFFORDING COVERAGE INSURER A: <b>ABC INSURANCE COMPANY</b>   <b>NAIC #</b> INSURER B: INSURER C: INSURER D: INSURER E:
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COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

**THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATION MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS MAY HAVE BEEN REDUCED BY PAID CLAIMS.**

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POL EFF (MM/DD/YYYY)	POL EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY [Sec. 8.1 of IA] <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input type="checkbox"/> OCCUR <hr/> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC			<b>ABC578012WE</b>	<b>1/1/2020</b>	<b>1/1/2021</b>	EACH OCCURRENCE <b>\$ 1,000,000</b> DAMAGE TO RENTED PREMISES (Ea occ.) <b>Sect. 8.1(b) of IA</b> MED EXP (Any one pers.) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS -COMP/OP AGGREGATE
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea occurrence) BODILY INJURY (Per person) BODILY INJURY (Per accident) Property Damage (Per accident)
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE AGGREGATE
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below						WC STATUTORY LIMITS OTHER E.L. EACH ACCIDENT E.L. DISEASE - Each Emp. E.L. DISEASE - Policy Limit

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES (Attached ACORD 101, Additional Remarks Schedule, if more space is required)  
[Section 8.2 of Interconnection Agreement] **GFIA NON-EXPORTING 14-731, CONTRACT#XYZ333, NAMEPLATE RATING GREATER THAN 20MW, LESS THAN 100MW; THE COMMERCIAL GENERAL LIABILITY POLICY NOTED ABOVE INCLUDES (1) CROSS LIABILITY CLAUSE, (2) IS PRIMARY AND NON-CONTRIBUTORY TO ANY INSURANCE OR SELF-INSURANCE MAINTAINED BY THE CERTIFICATE HOLDER, (3) A WAIVER OF SUBROGATION IN FAVOR OF THE CERTIFICATE HOLDER, (4) PROVIDES 30-DAYS NOTICE OF CANCELLATION.**

<b>CERTIFICATE HOLDER</b>  <b>SOUTHERN CALIFORNIA EDISON COMPANY</b> <b>STREET</b> <b>CITY, CA, ZIP</b> <span style="float: right; color: blue;">[EITHER SCE OR ITS ADDRESS]</span>	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF. <b>NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.</b>  AUTHORIZED REPRESENTATIVE  <i>SIGNATURE</i>
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# Homes R Us Insurance Company

## Coverage Declaration

**Insured**

**Penny Wise**

121 Happy Street  
Norwich, NY 13815

Insured Name  
should match  
Producer Name

Agent

Walter O. Rogers Insurance Agency LLC  
26 Fair Street  
Norwich, NY 13815

Effective: 07/09/13 To 07/09/14

Location of residence premises: 121 Happy Street, Norwich NY 13815

Effective time is 12:01am standard time at your residence.

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### Section I Property Coverages

Coverage A	Coverage B	Coverage C	Coverage D	Deductible
Dwelling	Other Structures	Personal Property	Loss of Use	
\$179,000	\$17,900	\$125,300	\$53,700	All Perils \$500

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### Section II Liability Coverages

**Coverage E – Personal Liability**

**\$500,000 Each Occurrence**

**Coverage F – Med Pay to Others**

\$5,000 Each Person

[Section 8.1 (d) of IA] For  
Producers with "Customer  
Account," HO Policy Personal  
Liability required.

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Coverage A - Dwelling		
Coverage B - Other Structures	\$17,900	incl
Coverage C - Personal Property	\$125,300	incl
Coverage D - Loss of Use	\$53,700	incl
Cov E - Personal Liability	\$500,000	\$25.00
Cov F - Med Pay to Others	\$5,000	incl

Discounts:

Home Alert Protection

\$16.00-

**Total Policy Premium** \$904.00

## Attachment D

### Building & Safety sign off document from the appropriate Authority Having Jurisdiction (AHJ) entity

SCE requires a copy of the electrical inspection release from the appropriate AHJ (e.g., final inspection job card from the local building and safety department) to ensure that the work on the customer's side of the meter has been permitted, meets the requirements of the National Electric Code, applicable local codes and ordinances.

The copy of the electrical inspection from the AHJ release submitted by the contractor/or customer to SCE must include the following information:

1. **AHJ Entity Name:** Name of the AHJ entity that issued the permit is clearly identified in the AHJ sign off document
2. **Job/Location Address:** Project site address shown in the AHJ sign off document matches the customer's service address as shown in the customer's electric bill
3. **Project Description:** A description of the generation project is included in the AHJ sign off document
4. **Permit/Project Number:** The permit/or project number issued by the AHJ entity for the permit requested is identified in the AHJ sign off document
5. **Final Sign-off:** The AHJ inspector's sign off (i.e. signature/or initials) with the date of sign off is completed under the Final Electrical/or Generation Project Final section of the AHJ sign off document