(See the [Request Instructions for Inverter- or ESS-Based PCS[[1]](#footnote-2)](https://www.energy.ca.gov/media/4278) for Listing Requirements) **ID # \_\_\_\_\_\_\_ (For Internal Use Only)**

| **NOTE: Please do not submit any proprietary or confidential information; all submitted information is public record.** |
| --- |
| ***This Form can ONLY be used in conjunction with one of the following Forms: the*** [***Inverter Request Form***](https://www.energy.ca.gov/media/3899) ***or the*** [***ESS Request Form***](https://www.energy.ca.gov/media/3903)***, and* *must be submitted by the Inverter or ESS manufacturer, as applicable.*** |
| **New or Existing Model Number**: |
| **Request Type**: Add PCS Functionality  Revise PCS Functionality |
| **Reason for PCS Data Revision** (or indicate N/A): |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type of Equipment** | **Model Number** | **Additional Devices Required for PCS Functionality**  (as indicated by NRTL in the test report) | **Brief Description** |
| **ESS**  **Inverter** |  |  |  |
| **Single or Multi Phase** | **Output Voltage** | **Maximum Continuous Current** | **Maximum Continuous Power** |
|  | **(V)** | **(A)** | **(kVA)** |

**UL 1741 CRD****/UL 3141[[2]](#footnote-3) Test Report Summary:**

|  |  |
| --- | --- |
| Is the test lab a Nationally Recognized Testing Laboratory (NRTL) whose Scope of Recognition under the Occupational Safety and Health Administration (OSHA) includes UL 1741?[[3]](#footnote-4) | YES  NO |
| If the UL 3141 standard is used for testing, does the issued test report document indicate **both** **UL 3141** and **UL 1741 PCS CRD** in the applicable standard section?2 | YES  NO |
| Is the submitted test report summary from a NRTL and for the requested equipment model number? | YES  NO |
| Was the test equipment calibrated when the test was performed? | YES  NO |
| Is the requested model number tested for ESS “Unrestricted Mode”?  If yes, this mode’s tested value for Maximum Open Loop Response Time is:       seconds | YES  NO |
| Is the requested model number tested for ESS “Export Only Mode”?  If yes, this mode’s tested value for Maximum Open Loop Response Time is:       seconds | YES  NO |
| Is the requested model number tested for ESS “Import Only Mode”?  If yes, this mode’s tested value for Maximum Open Loop Response Time is:       seconds | YES  NO |
| Is the requested model number tested for ESS “No Exchange Mode”?  If yes, this mode’s tested value for Maximum Open Loop Response Time is:       seconds | YES  NO |

**Manufacturer’s Equipment Information and Instructions** (As required in the utilized PCS test protocol)**:**

|  |  |
| --- | --- |
| Does the submitted “Equipment Information and Instructions” document for this request meet all the requirements of UL 1741 PCS CRD, Section 208; or UL 3141, Section 11? (Based on the utilized testing protocol) | YES  NO |
| What is/are the identified current measurement reference point(s) (mark all that apply)? |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Inverter** | **Gateway** | **External Sensor** | **External Device** | **Other** (Please explain in the “Notes” section) |
|  |  |  |  |  |

**Notes:**

|  |
| --- |
| (If you checked “No” for any of the questions above, please explain and attach supporting documentation) (Please provide any other pertinent information, excluding marketing statements) |
|  |

1. ESS: Energy Storage System. PCS: Power Control System. [↑](#footnote-ref-2)
2. The UL 1741 Certification Required Decision (CRD) for Power Control System (PCS) functionalities. Additionally, the UL 3141 standard can be utilized to test PCS functionalities.

   **NOTE:** If the tests are done with accordance to the UL 3141 standard, then the NRTL-issued test report summary must indicate both UL 3141 and UL 1741 PCS CRD references in the applicable standard(s) section of the test report document. [↑](#footnote-ref-3)
3. A current list of NRTLs approved by OSHA, along with their recognized scopes, can be found on the OSHA website. [↑](#footnote-ref-4)