



## Community Solar Program

### CSP System Impact Study Form Agreement

This agreement is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_ by and between \_\_\_\_\_ (Include Q#), a \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_, (“Applicant”) and PacifiCorp, a corporation existing under the laws of the State of Oregon, (“Public Utility”). Applicant and Public Utility each may be referred to as a “Party,” or collectively as the “Parties.”

#### Recitals:

**Whereas**, The Applicant is proposing to develop a Community Solar Project (“CSP”) as the term is defined in ORS 757.386(1)(a), that meets the certification and eligibility requirements of OPUC Rule OAR 860, Division 088, and is consistent with the certified CSP Interconnection Application (“Application”) completed on \_\_\_\_\_ and;

**Whereas**, The Applicant desires to interconnect the Community Solar Project with the Public Utility’s Distribution System (“Distribution System”);

**Whereas**, The Applicant has requested the Public Utility perform an Interconnection System Impact Study to assess the impact of interconnecting the Community Solar Project to the Public Utility’s Distribution System and on any Affected Systems;

**Now, therefore**, in consideration of and subject to the mutual covenants contained herein the Parties agree as follows:

1. When used in this agreement, with initial capitalization, the terms specified shall have the meanings given in the Public Utility’s Community Solar Project Interconnection Procedures (“CSP Interconnection Procedures”).
2. Applicant elects and Public Utility shall cause to be performed a System Impact Study consistent with the CSP Interconnection Procedures.
3. The Parties shall set out the assumptions to be used in conducting the System Impact Study in Attachment A, which is incorporated as part of this Agreement.
4. The System Impact Study will be based on the technical information provided by Applicant in the Application, as well as in this agreement. The Public Utility reserves the right to request additional technical information from Applicant as may reasonably become necessary consistent with Good Utility Practice during the course of the System Impact Study. If the Applicant modifies its designated Point of Interconnection, its Application, or the technical information provided therein is modified, the time to complete the Interconnection System Impact Study may be extended.
5. The System Impact Study report shall provide the following information:
  - i. Identification of any circuit breaker short circuit capability limits exceeded

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as a result of the interconnection,

- ii. Identification of any thermal overload or voltage limit violations resulting from the interconnection,
  - iii. Identification of any instability or inadequately damped response to system disturbances resulting from the interconnection and
  - iv. Description and good faith non-binding, estimated cost of facilities required to interconnect the Community Solar Project to Public Utility's Distribution System and to address the identified short circuit, instability, and power flow issues.
6. As required by the CSP Interconnection Procedures, Attachment B to this agreement provides a scope for the System Impact Study, a reasonable schedule for completion of the System Impact Study, and a good-faith, non-binding estimate of the cost to perform the System Impact Study. Barring unforeseen circumstances, the System Impact Study shall be completed and the results transmitted to the Applicant within 30 Business Days after this Agreement is signed by the Parties.
  7. The Public Utility may require a study deposit in an amount permitted by the CSP Interconnection Procedures and the Public Utility shall have no obligation to begin the System Impact Study until such time as the Applicant has paid such deposit.
  8. The Applicant agrees to pay the actual cost of the System Impact Study. Study fees shall be based on actual costs. For purposes of the CSP Interconnection Procedures, this provision shall constitute the Applicant's written authorization for the Public Utility to incur and assess costs in excess of the initial application fee.
  9. Affected Systems may participate in the preparation of a System Impact Study, with a division of costs among such entities as they may agree. All Affected Systems shall be afforded an opportunity to review and comment upon a System Impact Study that covers potential adverse system impacts on their electric systems, and the Public Utility has 20 Additional Business Days to complete a system impact study requiring review by Affected Systems.



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In witness thereof, the Parties have caused this Agreement to be duly executed by their duly authorized officers or agents on the day and year first above written:

PacifiCorp

Signed \_\_\_\_\_ Date \_\_\_\_\_

Name (Printed): \_\_\_\_\_ Title \_\_\_\_\_

[Insert name of Applicant]

Signed \_\_\_\_\_ Date \_\_\_\_\_

Name (Printed): \_\_\_\_\_ Title \_\_\_\_\_

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**CSP System Impact Study Form Agreement****Attachment A: CSP System Impact Study Agreement****Assumptions Used in Conducting the CSP System Impact Study**

As stated in the recitals to this Agreement and notwithstanding what is otherwise stated in Section 4 of the Agreement, the System Impact Study shall be based on the information provided to date by Applicant, subject to any modifications in accordance with the CSP Interconnection Procedures, and the following assumptions:

1. Designation of Point of Interconnection and configuration to be studied.
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2. Other Assumptions:

- a. PacifiCorp will consider any interconnection requests that are proposing to interconnect on the same circuit/substation as the CSP request if those interconnection requests:
  - i. Have a higher priority CSP queue position; or
  - ii. Were submitted into PacifiCorp's traditional interconnection queue prior to the CSP request.
- b. Interconnection requests that meet either of the above criteria but are not proposing to interconnect to the same circuit/substation as the CSP request will not be considered unless system configuration operations options exist that require them to be considered.

Note: Information for Sections 1 and 2 have been provided and/or confirmed by the Applicant and confirmed by the Public Utility.

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**Attachment B: CSP System Impact Study Agreement**

**Detailed Scope, Reasonable Schedule, and Good-Faith non-Binding Cost Estimate for CSP System Impact Study**

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1. Detailed Scope:

PacifiCorp will perform an Energy Resource Interconnection Service study as outlined in the Open Access Transmission Tariff (OATT)<sup>1</sup> filed with FERC, except it will: (1) modify traditional higher-queued assumptions and (2) subject the resource to a size cap.

PacifiCorp will memorialize these details in the System Impact Study agreement to be executed by the customer and PacifiCorp before commencing the study.

PacifiCorp will also perform a non-binding, informational analysis of the requirements associated with interconnecting the CSP project using Network Resource Interconnection Service (NR).<sup>2</sup> This non-binding NR-interconnection analysis will be provided in the same System Impact Study report as the binding interconnection analysis, along with good-faith estimates of both costs and timing of any system upgrades necessary for both types of service.

Interconnection System Impact Study report shall provide the following information:

- Identification of any circuit breaker short circuit capability limits exceeded as a result of the interconnection,
- Identification of any thermal overload or voltage limit violations resulting from the interconnection,
- Identification of any instability or inadequately damped response to system disturbances resulting from the interconnection and
- Description and good faith non-binding, estimated cost of facilities required to interconnect the Community Solar Project to Public Utility's Distribution System and to address the identified short circuit, instability, and power flow issues.

\*If the Community Solar Project is studied jointly with any other, than the System Impact Study will include relevant information of the above items which will affect the Community Solar Project (inclusive schedule, scope, and estimated cost).

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2. Reasonable Schedule:

The Public Utility's good faith estimate for the time of completion of the System Impact Study

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<sup>1</sup> As defined in Section 38.2.1 of PacifiCorp OATT.

<sup>2</sup> As defined in Section 38.2.2 of the OATT.

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is 30 Business Days after the Applicant returns the executed study with required technical data and requested deposit.

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3. Estimated study costs:

In accordance with the CSP Interconnection Procedures, the Applicant will need to provide a deposit in the amount of \$1,000. The estimated study cost for the System Impact Study is \$\_\_\_\_\_. The Applicant is only responsible for the actual costs of the System Impact Study, which will be totaled upon the conclusion of the System Impact Study.

\*If the Community Solar Project is studied jointly with any other, than the actual costs of the study will be shared between the studied projects in the manner described in the Public Utility's Community Solar Procedures (50% per capita based on number of projects and 50% on a pro-rata basis of the Community Solar Project's size of generation).