



CSP Interconnection Facilities 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, Applicant is proposing to develop a Community Solar Project 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 by the Applicant on _____;

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

Whereas, The Public Utility has completed a System Impact Study and provided the results of said study to the Applicant; and

Whereas, The Applicant has requested the Public Utility to perform a Facilities Study to specify the scope and estimate the cost of the equipment, engineering, procurement and construction work needed to implement the conclusions of the System Impact Study in accordance with Good Utility Practice to physically and electrically connect the Community Solar Project to the Public Utility’s Distribution System.

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 Public Utility’s Community Solar Interconnection Procedures (“CSP Interconnection Procedures”).
2. Applicant elects and the Public Utility shall cause to be performed a Facilities Study consistent with the CSP Interconnection Procedures.
3. The Applicant will provide the data requested in Attachment A of this form agreement. The scope of the Facilities Study is detailed in Attachment B to this agreement and shall be subject to the data set forth in Attachment A to this agreement.
4. A Facilities Study report shall provide the following information:
 - a. A description of the Interconnection Equipment, Interconnection Facilities, and/or

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- b. System Upgrades required to interconnect the Community Solar Project to the Public Utility's Distribution System;
 - c. A discussion of how the required Interconnection Equipment, Interconnection Facilities, and/or System Upgrades address the short circuit, instability, and power flow issues identified in the Interconnection System Impact Study;
 - d. A good-faith, non-binding estimate of the cost of the Interconnection Equipment, Interconnection Facilities, and/or System Upgrades required to interconnect the Community Solar Project to the Public Utility's Distribution System;
 - e. A reasonable schedule for the procurement, construction, installation and testing of the Interconnection Equipment, Interconnection Facilities, and/or System Upgrades required to interconnect the Community Solar Project to the Public Utility's Distribution System.
5. 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 Facilities Study until such time as the Applicant has paid such deposit.
 6. As required by the CSP Interconnection Procedures, Attachment B to this agreement provides a scope for the Facilities Study, a reasonable schedule for completion of the study, and a good-faith, non-binding estimate of the cost to perform the Interconnection Facilities Study. In cases where no Upgrades are required, and barring unforeseen circumstances, the Facilities Study shall be completed and the results will be transmitted to the Applicant within thirty days after the Facilities Study scoping meeting has been held between the Parties or mutual agreement has been reached to skip the Facilities Study scoping meeting. Attachment B is incorporated as part of this agreement.
 7. The Applicant agrees to pay the actual cost of the Interconnection Facilities Study. Study fees will be based on and shall accord with the requirements of the CSP Interconnection Procedures and will 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.



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In witness whereof, 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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Attachment A to the CSP Interconnection Facilities Study Agreement

Data To Be Provided by Applicant With the CSP Interconnection Facilities Study Agreement

Provide location plan and simplified one-line diagram of the plant and station facilities. For staged projects, please indicate future generation, distribution circuits, etc.

- 1. On the one-line diagram, indicate the generation capacity attached at each metering location (Maximum load on CT/PT).
2. On the one-line diagram, indicate the location of auxiliary power. (Minimum load on CT/PT), Amps.
• Note: One set of metering is required for each generation connection to the new ring bus or existing Public Utility station.

Will an alternate source of auxiliary power be available during CT/PT maintenance?

Yes ___ No ___.

Will a transfer bus on the generation side of the metering require that each meter set be designed for the total plant generation?

Yes ___ No ___ (Please indicate on the one-line diagram).

What type of control system or PLC will be located at the Generating Facility?

What protocol does the control system or PLC use? _____.

Please provide a 7.5-minute quadrangle map of the site. Indicate the plant, station, distribution line, and property lines.

Approximate physical dimensions of the proposed interconnection station:

Approximate bus length from generation to interconnection station:

Approximate line length from interconnection station to the Public Utility's Distribution System:

Tower number observed in the field. (Painted on tower leg)*: _____.



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Number of third party easements required for distribution lines: _____.*

Please provide the following proposed schedule dates:

Begin Construction Date: _____

Generator step-up transformers receive back feed power Date: _____

Generation Testing Date: _____

Commercial Operation Date: _____

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Attachment B: Interconnection Facilities Study Agreement

Detailed Scope, Reasonable Schedule, and Good-Faith non-Binding Cost Estimate for Interconnection Facilities Study

1. Detailed Scope:

A description of the Interconnection Equipment, Interconnection Facilities, and/or System Upgrades required to interconnect the Community Solar Project to the Public Utility's Distribution System;

A good-faith scope of the Interconnection Equipment, Interconnection Facilities, and/or System Upgrades required to interconnect the Community Solar Project to the Public Utility's Distribution System

A good-faith, non-binding estimate of the cost of the Interconnection Equipment, Interconnection Facilities, and/or System Upgrades required to interconnect the Community Solar Project to the Public Utility's Distribution System; and

A reasonable schedule for the procurement, construction, installation and testing of the Interconnection Equipment, Interconnection Facilities, and/or System Upgrades required to interconnect the Community Solar Project to the Public Utility's Distribution System.

A discussion of how the required Interconnection Equipment, Interconnection Facilities, and/or System Upgrades address the short circuit, instability, and power flow issues identified in the Interconnection System Impact Study.

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

2. Reasonable Schedule:

The Public Utility's good faith estimate for the time of completion of the Facilities Study is 30 – 45 business days after the Applicant returns the executed study agreement with the required technical data and required deposit.

3. Estimated study costs:

In accordance with the CSP Interconnection Procedures, the Applicant will need to provide a deposit in the amount of \$1000. The estimated study cost for the Facilities Study is \$10,000. The Applicant is only responsible for the actual costs of the Facilities Study which will be compiled upon the conclusion of the Facilities Study.

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*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).