

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES

AVAILABILITY

Service under this schedule is available throughout the Company's service area within the State of Idaho to all Customer Generators owning or operating DERs, in Parallel with the Company's system, that qualify for Schedule 6, Schedule 8, Schedule 84, or Non-Export as defined in this schedule. Non-Exporting Systems with Total Nameplate Capacity of 3 MVA or greater are required to sign a Uniform Customer Generator Interconnection Agreement.

APPLICABILITY

Service under this schedule applies to construction, operation, and maintenance of a Customer Generator System interconnected in Parallel with the Company's system.

DEFINITIONS

Company is the Idaho Power Company.

Company-Furnished Facilities are those portions of the Interconnection Facilities funded by the Customer Generator and provided by the Company.

Customer Generator is a Customer applying to operate or operating a DER in Parallel with the Company's system.

Customer Generator-Furnished Facilities are those portions of the Interconnection Facilities provided by the Customer Generator.

Customer Generator Interconnection Process is the Company's DER interconnection application, engineering review, construction, and inspection process for Customer Generator Systems. The Customer Generator Interconnection Process intends to ensure a safe and reliable generation interconnection in compliance with all applicable regulatory requirements, good utility practices, and national safety standards.

Customer Generator System is an Exporting System or a Non-Exporting System.

Disconnection Equipment is any device or combination of devices by which the Company can manually and/or automatically interrupt the flow of energy from the Customer Generator to the Company's system, including enclosures or other equipment as may be required to ensure that only the Company will have access to the devices.

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DEFINITIONS (Continued)

Distributed Energy Resource(s) (DER(s)) is a source of electric power that is not directly connected to the bulk power system. Any combination of Generation Facilities and/or Energy Storage Devices connected in Parallel is considered a DER.

Energy Storage Device is a device that captures energy produced at a point in time and stores the energy for use as electricity at a future point in time. An Energy Storage Device is a DER.

Exporting System is a Customer-owned DER under the terms of Schedules 6, 8, or 84, which is designed to provide for the transfer of electric energy to the Company.

Feasibility Review is the Company's standard engineering review of a proposed Customer Generator System and is intended to ensure the Company's system is equipped to incorporate the proposed Customer Generator-Furnished Facilities in a manner that conforms with good utility practices and the National Electric Safety Code.

Feasibility Study is the Company's more detailed engineering assessment for DERs as determined by the Feasibility Review. This study is intended to ensure that the Company's system is sufficiently equipped to incorporate proposed DERs in a manner that conforms with good utility practices and the National Electric Safety Code, including protection coordination and system voltage management.

Generation Facility means equipment used to produce electric energy at a specific physical location and service point that qualifies for Schedules 6, 8, 84, or Non-Export. A Generation Facility is a DER.

Inadvertent Export is the unplanned, unscheduled, and uncompensated transfer of electrical energy from a Customer's Non-Exporting System to the Company's system across the Interconnection Point.

Interconnection Facilities are all facilities which are reasonably required by good utility practices and the National Electric Safety Code to interconnect and to allow for Parallel operations of the DER with the Company's system, including, but not limited to, Special Facilities, Disconnection Equipment, and Metering Equipment.

Interconnection Point is the point where the Customer Generator's conductors connect to the facilities owned by the Company.

Metering Equipment is the Company owned equipment required to measure, record or telemeter power flows between the Customer Generator and the Company's system.

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DEFINITIONS (Continued)

Non-Exporting System is a Customer-owned DER that limits or prevents electrical energy from transferring to the Company's system.

Parallel connection means operating a DER that is connected to and receives voltage from Idaho Power's system.

Protection Equipment is the equipment, hardware, and/or software necessary to ensure the protection of the Company's system and could include a circuit-interrupting device, protective relaying, instrument transformers, and associated wiring.

Relocation is a change in the location of existing Company-owned transmission and/or distribution lines, poles, or equipment.

Smart Inverter is an inverter that conforms to the latest IEEE 1547 standards and is certified by the UL 1741 standard, which complies with the latest IEEE 1547 standards.

Special Facilities are additions to or alterations of transmission and/or distribution lines and transformers, including, but not limited to, Upgrades and Relocation, to safely interconnect the Customer's DER to the Company's system.

System Verification Form is the form that a Customer must provide to the Company prior to the connection of the Customer Generator System as described in this schedule.

Total Nameplate Capacity is the total of the gross capacity of a DER as designated by the manufacturer(s) maximum continuous operating rating of the DER in Alternating Current (AC), or as determined by Idaho Power based on information provided on the System Verification Form.

Upgrades are those improvements to the Company's existing system, which are reasonably required by good practices and the National Electric Safety Code to interconnect the Customer Generator System safely. Such improvements include, but are not limited to, additional or larger conductors, transformers, poles, and related equipment.

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**SECTION 1: GENERAL INTERCONNECTION REQUIREMENTS**

The following provisions apply to all Customer Generators requesting interconnection to the Company's system.

**CONSTRUCTION AND OPERATION OF INTERCONNECTION FACILITIES**

All Customer Generator-Furnished Interconnection Facilities will be constructed and maintained in a manner as determined by the Company to be in full compliance with all good utility practices, National Electric Safety Code, conforms to the IEEE 1547 standards, and all other applicable federal, state, and local safety and electrical codes and standards at all times.

The Customer Generator shall:

1. Upon request, submit proof to the Company that all licenses, permits, inspections, and approvals necessary for the construction and operation of the Customer's DER and Interconnection Facilities under this schedule have been obtained from applicable federal, state, or local authorities.
2. Upon request, submit the designs, plans, specifications, and performance data for the DER and Customer Generator-Furnished Facilities to the Company for review. The Company's acceptance shall not be construed as confirming or endorsing the design, or as a warranty of safety, durability, or reliability of the DER or Customer Generator-Furnished Facilities. The Company will retain the right to inspect this equipment at its discretion.
3. Demonstrate to the Company's satisfaction that the Customer's DER and Customer Generator-Furnished Facilities have been completed, and that all features and equipment of the Customer's DER and Customer Generator-Furnished Facilities are capable of operating safely to commence deliveries of energy into the Company's system.
4. Provide and maintain adequate Protection Equipment sufficient to prevent damage to the DER, Customer Generator-Furnished Facilities, and any other Customer Generator-owned facilities in conformance with all applicable electrical and safety codes and requirements.
5. Provide and maintain Disconnection Equipment in accordance with all applicable electrical and safety codes and requirements as described within this Schedule.
6. Upon request, provide a 24-hour telephone contact(s). This contact will be used by the Company to arrange for repairs and inspections or in case of an emergency. The Company will make its best effort to arrange repairs and inspections during normal business hours and to notify the Customer Generator of such arrangements in advance. The Company will provide a telephone number to the Customer Generator so that the Customer Generator can obtain information about Company activity impacting the Customer's DER.

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**SECTION 1: GENERAL INTERCONNECTION REQUIREMENTS** (Continued)

**DISCONNECTION EQUIPMENT**

Disconnection Equipment is required for all Customer DERs. The Disconnection Equipment shall be installed at an electrical location to allow complete isolation of Customer's DER and Interconnection Facilities from the Company's system. Disconnection Equipment will be installed at an electrical location on the Customer Generator's side of the Company's retail metering point to allow complete isolation of the Customer's DER and Interconnection Facilities from the Customer Generator's other electrical load and service.

The Disconnection Equipment's operating device shall be:

1. Readily accessible by the Company at all times.
2. Clearly marked "Generation Disconnect Switch" with permanent 3/8 inch or larger letters.
3. Physically installed and visible within 10 feet of the Interconnection Point or permanently-posted instructions at the Interconnection Point indicating the exact location of the Disconnection Equipment's operating device.
4. Of a design manually operated and lockable in the open position with a standard Company padlock.
5. Equipped with a visual disconnect that enables the Company to visually confirm that the Customer's and Company's conductors are physically disconnected. This requires the ability to inspect the actual conductors visually. Circuit breakers do not satisfy this requirement.

Operation of Disconnection Equipment. If, in the reasonable opinion of the Company, the Customer Generator's operation or maintenance of the DER or Interconnection Facilities is unsafe, not in compliance with this schedule, or may otherwise adversely affect the Company's equipment, personnel, or service to its customers, the Company may physically disconnect the Customer's DER or Interconnection Facilities by operation of the disconnection device or by any other means the Company deems necessary to adequately disconnect the Customer's DER and Interconnection Facilities from the Company's system. At such time as the unsafe condition is remedied or other condition adversely affecting the Company is resolved to the Company's satisfaction, the interconnection will be restored.

The Company will disconnect the Customer's DER and Interconnection Facilities in the event of any planned or unplanned maintenance or repair of the Company's system connected to the Customer's DER and Interconnection Facilities. In the event of unplanned maintenance or repairs, no prior notice will be provided. In the event of planned repairs, the Company will attempt to notify the Customer Generator of the time and duration of the planned outage.

The Company will disconnect the Customer's DER and Interconnection Facilities in the event that any terms and conditions of any applicable Company tariff or contract enabling the interconnection of the Customer's Generation Facility are deemed by the Company to be in default or delinquent.

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**SECTION 1: GENERAL INTERCONNECTION REQUIREMENTS** (Continued)

**DISCONNECTION EQUIPMENT** (Continued)

Customer Generators will be subject to disconnection and reconnection charges if the expenses are incurred as the result of a DER and/or a Customer's failure to abide by the provisions of Schedule 68.

Disconnection of the service may be necessary. The disconnection may result in the interruption of both energy deliveries from the Customer Generator System to the Company as well as the interruption of energy deliveries from the Company to the Customer Generator. Disconnection provisions specific to Customer Generator Systems less than 3 MVA are described further in Section 2 of this tariff. Disconnection provisions specific to Non-Exporting Systems greater than 3 MVA are described further in Section 4 of this tariff.

The Company will establish the settings of Protection Equipment to disconnect the Customer's DER and Interconnection Facilities for the protection of the Company's system and personnel consistent with good utility practices. If the Customer Generator attempts to modify, adjust or otherwise interfere with the Protection Equipment or its settings as established by the Company, such action may be grounds for the Company's refusal to continue interconnection of the Customer's DER and Interconnection Facilities to the Company's system.

**GENERAL REQUIREMENTS OF CUSTOMER GENERATOR SYSTEMS**

1. The Company will construct, own, operate and maintain all equipment, Upgrades, and Relocations on the Company's electrical side of the Interconnection Point.
2. The Company will clearly mark the Metering Equipment and any other Company equipment associated with the Customer's DER and/or Interconnection Facilities designating the existence of the Customer's DER as required by good utility practices.
3. The Customer Generator will be required to submit all specific designs, equipment specifications, and test results of the Customer Generator-Furnished Facilities to the Company for review upon request by the Company. Upon receipt of the design and equipment specifications, the Company will review the design and equipment specifications for conformance with applicable electrical and safety codes and standards.
4. Customer Generator-Furnished Facilities will be operated and maintained by the Customer Generator at the Customer Generator's sole risk and expense.

**INVERTER REQUIREMENTS**

All inverter-based Customer Generator Systems must use a Smart Inverter programmed with the required settings described in the following section.

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**SECTION 1: GENERAL INTERCONNECTION REQUIREMENTS** (Continued)

**INVERTER SETTINGS**

All inverter-based Customer Generator System Smart Inverters will be set for normal operating performance Category B as defined in IEEE 1547, with the default reactive power control mode set for the Voltage-reactive power mode and the parameters listed in Table 1. All inverter-based Customer Generator System Smart Inverters will be set for abnormal voltage and ride through operating performance Category III as defined in IEEE 1547 using the default settings. The remaining Smart Inverter settings will be set to the default values specified in IEEE 1547.

Table 1: VOLTAGE-REACTIVE POWER SETTINGS FOR SMART INVERTERS

<b>Voltage-reactive power parameters</b>	<b>Default Settings</b>
$V_1$	0.92 per unit of nominal voltage
$Q_1$	44% of nameplate apparent power rating, injecting
$V_2$	0.98 per unit of nominal voltage
$Q_2$	0
$V_3$	1.03 per unit of nominal voltage
$Q_3$	0
$V_4$	1.06 per unit of nominal voltage
$Q_4$	44% of nameplate apparent power rating, absorption
Open-loop response time	5 seconds

**ENERGY STORAGE DEVICE**

Energy Storage Devices may share an inverter with a Generation Facility (“DC Coupled”), or Energy Storage Devices may have a stand-alone inverter (“AC Coupled”). Energy Storage Devices that are not coupled with a Generation Facility taking service under Schedules 6, 8, or 84 may not export energy onto Idaho Power’s system. The Total Nameplate Capacity is determined as follows:

1. **DC Coupled:** For Energy Storage Devices that are DC Coupled with a Generation Facility, the Total Nameplate Capacity of the Customer Generator System is defined by the inverter (kVA). A DC coupled system can be an Exporting or Non-Exporting system.
2. **AC Coupled:**
  - i. **AC Coupled with an Exporting System:** For an Energy Storage Device coupled with an Exporting System taking service under Schedules 6, 8, or 84, the Total Nameplate Capacity is the aggregate Total Nameplate Capacity of all DERs on the Customer’s side of the Interconnection Point.
  - ii. **AC Coupled with a Non-Exporting System:** An Energy Storage Device coupled with a Non-Exporting System is subject to the provisions of Section 3 of this Schedule. The Total Nameplate Capacity of the Energy Storage Device shall be considered 0 kVA.

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**SECTION 1: GENERAL INTERCONNECTION REQUIREMENTS** (Continued)**APPLICATION EXPIRATION**

Applications that are not completed within one year of the initial Feasibility Review are considered expired. Customers requesting connection or approval of expired applications are required to resubmit a completed application form and \$100 application fee and are subject to the full application process described in Section 2.

**RECERTIFICATION**

1. The Company may perform full recertification inspections of Customer Generator Systems at the Company's discretion and at no charge to the Customer Generator. The Company will provide the Customer Generator with written notice at least fourteen (14) calendar days prior to performing a recertification inspection. Recertification inspections will be performed in the same manner as new Customer Generator System inspections described in Section 2. Customers may choose to verify the results of the Company's inspection through an independent inspection performed by a certified third-party at the Customer Generator's expense.

2. If in the reasonable opinion of the Company, the Customer Generator's operation or maintenance of the DER or Interconnection Facilities is unsafe, not in compliance with this schedule, or may otherwise adversely affect the Company's equipment, personnel, or service to its customers, the Company reserves the right to inspect any Customer Generator System at any time, and without prior notice.

**SYSTEM MODIFICATIONS**

1. Any modifications to Customer Generator Systems that increase the Total Nameplate Capacity of the system or modify the system in any way (including inverter replacements) that may impact the safety or reliability of the Company's electrical system are considered system modifications for the purposes of this tariff.

2. Customer Generators planning to make system modifications must submit an application, \$100 fee, and complete the application process according to the procedures required for new interconnection.

3. System modifications without gaining prior Company approval are considered unauthorized installations subject to the provisions of this schedule as described in Unauthorized Installations and Expansions.

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**SECTION 1: GENERAL INTERCONNECTION REQUIREMENTS** (Continued)

**UNAUTHORIZED INSTALLATIONS AND EXPANSIONS**

1. Customer Generator Systems that have been interconnected to the Company's system without Company approval are considered unauthorized installations that jeopardize the reliability of Idaho Power's system and the safety of its employees. This includes, but is not limited to, newly installed systems and unapproved expansions or other modifications of approved systems. The process described herein provides the Company with the ability to offer Customer Generation in an efficient, safe, and reliable manner.

2. Unauthorized installations are subject to immediate Company inspection and disconnection without notice. The Company will provide the reason for the disconnection of the Customer's DER. The Customer will be called and written, or electronic notification will be sent. The Customer will have twelve (12) months from the notification date to notify the Company and complete one of the options listed under 5(a) and 5(b).

3. If proper disconnection equipment is present, the Company will open the disconnect or notify the Customer to open the disconnect immediately.

4. If proper disconnection equipment is not present, the Customer Generator must disconnect the DER from operating in Parallel with the Company's system immediately by turning off the breaker or by other means necessary.

5. The Customer must complete and notify the Company of one of the below options within twelve (12) months from the notification date:

a. Option 1: Complete the full Customer Generator Interconnection Process described in Section 2, and the system will be re-energized.

b. Option 2: Permanently disable the DER from Parallel operations with the Company system. Permanent disablement of the DER requires an inspection to be scheduled with the Company within twelve (12) months from the postmarked notification date. Customers that do not schedule within this time period will be subject to termination of service.

6. If it is determined, at the sole discretion of the Company, that an unauthorized Customer Generation System, expansion, or other system modification results in damage to equipment on the Company's system, the Customer will be responsible for all costs associated with replacing the Company's damaged equipment and defend, indemnify, and reimburse the Company for liabilities or damages incurred by the Company for third-party claims arising out of the Customer Generator's unauthorized connection.

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**SECTION 2: INTERCONNECTION PROCESS REQUIREMENTS FOR DISTRIBUTED ENERGY RESOURCES LESS THAN 3 MVA**

The following section is applicable to all Customer Generators with Total Nameplate Capacity less than 3 MVA.

**APPLICATION PROCESS**

Customers requesting to interconnect a DER less than 3 MVA are required to complete the following application process prior to interconnection:

1. Customers must submit a completed application form and a \$100 application fee to the Company. Applications are available on the Company's website or will be provided to the Customer upon request.
2. Upon receipt of a completed application and \$100 fee, the Company will provide the Customer with a written or electronic notification that the application has been received and all necessary information has been provided.
3. The Company will perform within seven (7) business days, unless it is determined that additional studies are necessary, the Feasibility Review based on project information provided in the application. The Feasibility Review determines the capability of the Company's electrical system to incorporate the proposed Customer Generator System and determines if Upgrades are necessary.
  - a. If the results of the Feasibility Review indicate satisfactory system capability, the Company will provide the Customer with an official "Approval to Proceed" notification.
  - b. If the results of the Feasibility Review indicate that Upgrades are necessary to accommodate the proposed project, the Company will notify the Customer through written or electronic notification of such Upgrades. Funding, construction, installation, and maintenance of required Upgrades will be subject to the Company's standard Rule H regarding New Service Attachments and Distribution Line Installations or Alterations.
  - c. If the Company determines that additional time is necessary to determine satisfactory system capability or that Upgrades are necessary to accommodate the proposed project, the Company will notify the Customer. The Company will perform within fifteen (15) business days the additional studies to complete the Feasibility Review.

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**SECTION 2: INTERCONNECTION PROCESS REQUIREMENTS FOR DISTRIBUTED ENERGY RESOURCES LESS THAN 3 MVA** (Continued)

APPLICATION PROCESS (Continued)

4. If the results of the Feasibility Review require the need for a Feasibility Study, the Company will perform the Feasibility Study within 15 business days. If the results of the Feasibility Study indicate that Upgrades or Protection Equipment are necessary to accommodate the proposed project, the Company will notify the Customer of such Upgrades or Protection Equipment.

a. Installation and funding of the construction, installation, and maintenance of required Protection Equipment will be subject to the following provisions:

i. Protection Equipment Requirements (Rotating Machines): Generation Facilities up to 500 kVA Total Nameplate Capacity may not require additional Protection Equipment but will be evaluated on a case-by-case basis. Generation Facilities greater than 500 kVA Total Nameplate Capacity will require additional Company-Furnished Protection Equipment.

ii. Protection Equipment Requirements (Other DER): DER up to 3 MVA Total Nameplate Capacity may not require additional Protection Equipment but will be evaluated on a case-by-case basis.

iii. When it is determined Company-owned Protection Equipment is required, the Customer shall pay the actual costs of all required Protection Equipment prior to the start of Parallel operations. The Customer will also pay a Maintenance Charge of 0.59 percent per month times the investment in the Protection Equipment.

5. Following receipt of "Approval to Proceed," the Customer is responsible for completing the installation of the Customer Generator System and fulfilling all applicable federal, state, and local inspection requirements. Customers must also provide the Company with a completed System Verification Form detailing the specifications of all installed components of the completed Customer Generator System. System Verification Forms can be found on the Company's website or will be provided upon request. Upon completion, the Company reserves the right to request the Customer to provide forms of documentation outlined in Section 1, verifying that all federal, state, and local requirements have been met.

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**SECTION 2: INTERCONNECTION PROCESS REQUIREMENTS FOR DISTRIBUTED ENERGY RESOURCES LESS THAN 3 MVA** (Continued)

APPLICATION PROCESS (Continued)

6. Once all required documentation has been submitted and the Company has verified that all applicable federal, state, local, and Customer Generation Interconnection Process requirements have been met, the Company will complete, barring conditions beyond the Company's control, an on-site inspection within ten (10) business days for DER with Total Nameplate Capacity of 100 kVA or less and within twenty (20) business days for DER with Total Nameplate Capacity of greater than 100 kVA. Company on-site inspections will not be performed until the system has passed all applicable federal, state, and local inspection requirements. The Company on-site inspection may include the following:

- a. Verification that actual installed components correspond to the information provided on the initial application and the System Verification Form.
- b. Verification that the disconnect is functional and reconnection time complies with IEEE 1547.
- c. Verification of the proximity and visibility of the disconnect or a sign indicating the location of the disconnect.
- d. Photographic documentation of the installation.
- e. Posting of appropriate Company signage.
- f. Documentation of the meter number and system configuration.
- g. Verification of Smart Inverters.
- h. Verification of Total Nameplate Capacity.

7. A return trip charge of \$61.00 will be billed to the Customer each time Company personnel are dispatched to the job site but are unable to conduct the on-site inspection due to one or more of the conditions not being met that had been certified as complete by the Customer or installer on the System Verification Form.

8. Successful completion of the Company on-site inspection constitutes the conclusion of the application process. The Company must make a reasonable effort to move an Exporting Customer Generator to the appropriate rate schedule within five (5) business days. Under no circumstances will the rate change occur more than fifteen (15) business days from the date of the successfully completed inspection. Upon completion of this process, the Customer will receive confirmation that the application process has been successfully completed.

9. It is within Idaho Power's sole discretion to disconnect, or refuse to connect, any Customer Generator System that does not pass inspection, poses a threat to public safety, or has unanticipated impacts to Idaho Power's system. In these situations, a Company representative will send a written communication to the Customer Generator regarding Idaho Power's inability to connect/reconnect the Customer Generator System until the issue(s) is resolved. Idaho Power will continue working with the Customer to resolve the issue(s) required to connect the Customer's System. Idaho Power will re-inspect the System upon receiving written notice from the Customer indicating Customer's Generation System meets all applicable federal, state, and local requirements and is suitable for connection.

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**SECTION 3: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS**

In addition to the requirements of Section 1, the following section is applicable to all Customer Generators electing to establish their system as Non-Export.

**NON-EXPORT TOTAL NAMEPLATE CAPACITY LIMIT**

For customers taking service under Schedule 1 or Schedule 7 that own and/or operate a Generation Facility, service is subject to an aggregate DER Total Nameplate Capacity of 25 kVA or less, that is operated in Parallel with the Idaho Power System.

**NON-EXPORT CONTROL SYSTEM**

1. Non-Export Systems must incorporate one of the following three options:

a. **Option 1: ("Advanced Functionality")**: The use of an internal transfer relay, Energy Management System, or other customer facility hardware or software system(s) may be used to ensure power is never exported across the Interconnection Point. To ensure that Inadvertent Export of power is limited to acceptable levels, all of the following conditions must be met: (a) inverter-based DERs must utilize a Smart Inverter; (b) the DER must monitor the total Inadvertent Export; (c) the DER must disconnect from the Company's distribution system or halt energy production within two seconds after the period of continuous Inadvertent Export exceeds 30 seconds; (d) the DER must enter a safe operating mode where Inadvertent Export will not occur as a result of a failure of the control or Smart Inverter system for more than 30 seconds, which results in loss of control signal, loss of control power or single component failure or related control sensing of the control circuitry.

b. **Option 2: ("Reverse Power Protection")**: To ensure power is never exported, a reverse power relay protective function must be implemented at the Interconnection Point. The default setting for this Protection Equipment, when used, shall be 0.1% (export) of the DERs Total Nameplate Capacity, with a maximum 2.0 second time delay.

c. **Option 3: ("Minimum Power Protection")**: To ensure at least a minimum amount of power is imported at all times (and, therefore, that power is not exported), an under-power protective function may be implemented at the Interconnection Point. The default setting for this non-export control system, when used, shall be 5% (import) of the DERs Total Nameplate Capacity, with a maximum two (2) second time delay.

2. **Control System Failure**: Where applicable, any failure of the Customer's DER control system for 30 seconds or more, which includes, but is not limited to; the internal transfer relay, energy management system, or other Customer facility hardware or software system(s) intended to prevent the reverse power flow, shall cause the Customer's DER to enter a safe operating mode whereby the production of energy from the Non-Export DER is autonomously limited to an amount that shall not cause Inadvertent Export to occur until such time that the Customer has reestablished real power output control of the non-export control system.

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**SECTION 3: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS** (Continued)

**UNAUTHORIZED INADVERTENT EXPORT**

Inadvertent Export exceeding three hours of the DER Total Nameplate Capacity in any 30-day period will be defined as unauthorized Inadvertent Export, and the following steps will be followed for Customers with Non-Exporting Systems:

1. The Company will notify the Non-Export Customer Generator that their Customer Generator System has exceeded the Inadvertent Export limit.

2. After notification of Inadvertent Export, the following will occur:

a. For Schedule 1, Residential and Schedule 7, Small General Non-Exporting Systems, the Customer Generator must rectify Inadvertent Export within 30 days after receipt of the notification by Idaho Power that the Non-Exporting System has exceeded the Inadvertent Export limit. If the Customer Generator has not rectified Inadvertent Export after 30 days, at the Customer's election, one of the following actions will occur:

i. The Customer Generator System disconnect will be placed in the open position until the issue that caused the export is remedied. A Company inspection will be required before the Non-Exporting System can interconnect to the Company's system; or,

ii. If the Customer does not elect to open the disconnect, the Customer Generator will be placed on Schedule 6 or Schedule 8, as appropriate, and subject to applicable provisions of Section 2. If the Customer elects to be placed on Schedule 6 or Schedule 8, the Customer will be given the option to submit an additional application and be moved back to Schedule 1 or Schedule 7, as appropriate, after 180 days.

b. For Schedules other than Schedule 1 or Schedule 7:

i. Upon receipt of the notification by Idaho Power that the Customer Generator's Non-Exporting System has exceeded the Inadvertent Export limit, the Customer Generator System disconnect will be placed in the open position until the issue that caused the export is remedied. A Company inspection will be required before the Non-Exporting System can interconnect to the Company's system.

3. If it is determined, at the sole discretion of the Company, that unauthorized Inadvertent Export results in damage to equipment on the Company's system, the Customer Generator will be responsible for all costs associated with replacing the Company's damaged equipment and defend, indemnify, and reimburse the Company for liabilities or damages incurred by the Company for third-party claims arising out of the Customer Generator's unauthorized Inadvertent Export.

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**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS 3 MVA OR GREATER**

In addition to Section 1 and 3, the following section is applicable to all Customers requesting interconnection of Non-Exporting Systems with Total Nameplate Capacity of 3 MVA or greater.

**CUSTOMER GENERATOR INTERCONNECTION PROCESS**

1. Customer Generator shall pay the actual costs of all required interconnection studies. Any difference between the deposit (if required) and the actual cost of the study shall be paid by or refunded to Customer Generator, as appropriate. If, during the course of preparing a study, the Company incurs costs in excess of the deposit amount, the Company may require that the deposit amount be replenished in an amount equal to the estimated costs for completion of the study. If a deposit amount sufficient to pay for completion of the study is not maintained, the Company may suspend work on the study.

2. Unless modified by the provisions of this schedule, the FERC-approved Large Generator Interconnection Procedures and Small Generator Interconnection Procedures posted on the Company's website will apply to the Customer Generator Interconnection Process.

3. Application. The Customer Generator will submit a completed interconnection application in the form posted on the Company's website. The application form includes a general description of the DER and its location. The application includes payment of an application fee to be applied against costs the Company incurs to perform the Feasibility Study described below. The amount of the application fee is \$1,000.

4. Study Agreements. Subsequent to the Customer Generator submitting an Application, the Customer Generator will be offered a series of study agreements. The individual study agreements establish the time to perform the study, and the deposit the Customer Generator is to provide prior to commencement of the study. The studies consist of:

a. The Feasibility Study: The Feasibility Study is intended to ensure that the Company's system is sufficiently equipped to incorporate proposed DER in a manner that conforms with good utility practices and the National Electric Safety Code. The Feasibility Study Agreement states that no deposit is required because the application fee covers the deposit.

b. The System Impact Study: For higher complexity projects, the System Impact Study provides a detailed assessment of the distribution and/or transmission system adequacy to accommodate the DER through the evaluation of equipment capabilities and electrical performance requirements. This step may not be necessary for some projects depending on the size and location of the project. The System Impact Study Agreement includes a deposit of \$2,000 for a distribution system impact study or a \$10,000 deposit for a transmission system impact study.

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
 (Continued)

**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS 3 MVA OR GREATER** (Continued)

CUSTOMER GENERATOR INTERCONNECTION PROCESS (Continued)

c. The Facility Study: The Facility Study includes the engineering to determine the design specifications of the project. The Facility Study Agreement includes a deposit of 5% of the total project costs that were determined in the System Impact Study Report ("SISR") or the Feasibility Study Report if a SISR is not required, capped at \$30,000.

At the end of each stage of the three-step study process, the Company will provide the Customer Generator with an increasingly more refined and detailed report that, among other things, will present a list of required Interconnection Facilities and a non-binding, good faith estimate of Customer Generator's cost responsibility for the Interconnection Facilities. If long-lead-time equipment items need to be ordered to meet Customer Generator's construction schedule, the Company will request advance funding by the Customer Generator to cover these equipment costs.

5. Customer Generator Interconnection Agreement. The Customer Generator Interconnection Agreement ("CGIA"), will be offered to the Customer Generator following completion of the Study Phase. The CGIA will utilize the Uniform Customer Generator Interconnection Agreement template included in this schedule.

INTERCONNECTION FACILITIES REQUIREMENTS

DER greater than 3 MVA Total Nameplate Capacity will require additional Company-Furnished Protection, Metering, and communications Equipment. This equipment will be further defined in the CGIA Attachment 1.

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
(Continued)

**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS 3 MVA OR GREATER** (Continued)

**COST OF INTERCONNECTION FACILITIES**

The Customer Generator will pay all costs of interconnecting a Generation Facility to the Company's system. Costs of interconnection include the costs of furnishing and constructing required Upgrades, which will be determined pursuant to Rule H. To the extent that additional facilities not provided for under Rule H, including transmission and/or substation facilities, are required to interconnect the requested Generation Facility, special arrangements will be made in a separate agreement between the Customer Generator and the Company.

Each request for interconnection will go through the Customer Generator Interconnection Process. Throughout the Customer Generator Interconnection Process, the Company will periodically bill the Customer Generator for engineering costs incurred or obligated. Failure to pay an invoice within the time specified in the invoice will result in the suspension of work on the interconnection. Customer Generator can end the Customer Generator Interconnection Process at any time. If Customer Generator decides to end the Customer Generator Interconnection Process prior to completion, the Company will either refund any monies held for security that have not been spent or obligated, or issue an invoice to Customer Generator for costs incurred prior to cancellation.

**SYSTEM PROTECTION, DER METERING, AND DER COMMUNICATION MAINTENANCE CHARGE**

The Customer shall pay the actual costs of System Protection, DER metering, and DER communication equipment, as identified in the study process, prior to the start of Parallel operations. The Customer will pay a Maintenance Charge of 0.59 percent per month times the investment in the System Protection, DER metering, and DER communication equipment. The Customer Generator will also be responsible for any applicable monthly charges as outlined in Attachment 1 of the CGIA.

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
 (Continued)

**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS 3 MVA OR GREATER** (Continued)

IDAHO POWER COMPANY  
UNIFORM CUSTOMER GENERATOR  
INTERCONNECTION AGREEMENT

This Uniform Customer Generator Interconnection Agreement (“Agreement”) is entered to be effective as of the \_\_\_\_ day of \_\_\_\_\_, 20\_\_ (“Effective Date”), between \_\_\_\_\_, (“Customer Generator”) and Idaho Power Company (the “Company”). Customer Generator and the Company may also be referred to individually as a “Party” or collectively as the “Parties.” Unless explicitly noted otherwise, the term “days” refers to calendar days.

**RECITALS**

A. Customer Generator owns or operates a Customer Generator System that qualifies for service under Idaho Power’s Commission-approved Schedule 68 which is subject to change from time to time pursuant to Commission order.

B. The Customer Generator System to be interconnected and operate in Parallel with the Company’s system pursuant to this Agreement is more particularly described in Attachment 1.

**AGREEMENT**

For and in consideration of the mutual covenants and provisions set forth in this Agreement, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Parties intending to be legally bound agree as follows:

1. **Recitals.** The Parties acknowledge and agree as to the accuracy of the Recitals set forth above, and such Recitals are incorporated herein by this reference.

2. **Defined Terms.** Capitalized terms not defined in this Agreement shall have the meaning given to them in Schedule 68.

3. **Schedule 68.** Schedule 68 is incorporated into this Agreement by this reference and this Agreement shall be interpreted in conjunction with Schedule 68; in the event of a conflict between Schedule 68 and this Agreement, Schedule 68 shall prevail. This Agreement and Schedule 68 provide terms and conditions under which the Customer Generator System will interconnect and operate in Parallel with the Company’s transmission/distribution system.

4. **Entire Agreement.** This Agreement, in conjunction with Schedule 68, constitutes the full and entire understanding and agreement between the Parties regarding the subjects set forth herein and supersede all prior agreements and understandings related thereto. Nothing in this Agreement is intended to affect any other agreement between the Company and Customer Generator regarding subjects outside the terms of this Agreement and Schedule 68.

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
(Continued)

**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS 3 MVA OR GREATER** (Continued)

IDAHO POWER COMPANY  
UNIFORM CUSTOMER GENERATOR  
INTERCONNECTION AGREEMENT  
(Continued)

AGREEMENT (Continued)

5. **Attachments.** The following Attachments 1 – 6 are attached hereto and incorporated by this reference:

Attachment 1 – Description and Costs of the Customer Generator System, Interconnection Facilities, and Metering Equipment.

Attachment 2 – One-line Diagram Depicting the Customer Generator System, Interconnection Facilities, Metering Equipment and Upgrades.

Attachment 3 – Milestones for Interconnecting the Customer Generator System.

Attachment 4 – Additional Operating Requirements for the Company's Transmission System Needed to Support the Customer Generator System.

Attachment 5 – Reactive Power.

Attachment 6 – Description of Upgrades required to integrate the Customer Generator System and Best Estimate of Upgrade Costs.

6. **Effective Date, Term, Termination and Disconnection.**

6.1 Term of Agreement. Unless earlier terminated pursuant to the terms hereof, this Agreement shall remain in effect from the Effective Date for as long as Customer Generator System is eligible for service under Schedule 68.

6.2 Termination for Cause. If either Party materially breaches this Agreement and the material breach is not cured within 10 days after the non-breaching Party gives the breaching Party written notice thereof, the non-breaching Party may elect to terminate this Agreement by giving the breaching Party notice of the termination; provided, however, that if the nature of the breach is such that it could not reasonably be cured within the 10 day period, then the non-breaching Party may terminate this Agreement immediately upon providing written notice to the breaching Party. If the Company terminates this Agreement for breach by the Customer Generator and it is later determined that Customer Generator did not breach the Agreement, or the breach was excusable, the rights and obligations of the Parties will be the same as if the termination has been issued for the convenience of the Company pursuant to Section 6.3 below.

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
(Continued)

**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS 3 MVA OR GREATER** (Continued)

IDAHO POWER COMPANY  
UNIFORM CUSTOMER GENERATOR  
INTERCONNECTION AGREEMENT  
(Continued)

AGREEMENT (Continued)

6.3 Termination for Convenience. The Company may terminate or suspend this Agreement at any time without cause and without penalty, on 10 days' written notice to the Customer Generator. The Customer Generator may terminate or suspend this Agreement at any time without cause and without penalty by discontinuing Parallel operation of Customer's Generator System, or discontinuing taking electric service from the Company, and providing the Company with 10 days' written notice of the same.

6.4. Effect of Termination. Upon termination or expiration of this Agreement pursuant to this Section 6, Idaho Power will disconnect the Customer Generator System from the Company's transmission/distribution system. Upon termination or expiration of this Agreement, all obligations of the Parties (other than those obligations that expressly or by nature survive termination) shall terminate.

7. **Land Rights.** Customer Generator hereby grants to Idaho Power for the term of this Agreement all necessary rights-of-way and easements to install, operate, maintain, replace, and remove Idaho Power's Metering Equipment, Interconnection Equipment, Disconnection Equipment, Protection Equipment and other Special Facilities necessary or useful to this Agreement, including adequate and continuing access rights on the property of Customer Generator. Customer Generator warrants that it has procured sufficient easements and rights-of-way from third parties so as to provide Idaho Power with the access described above. All documents granting such easements or rights-of-way shall be subject to Idaho Power's approval and in recordable form.

8. **Assignment.**

8.1 This Agreement may be assigned by either Party upon twenty-one (21) calendar days prior written notice and opportunity to object by the other Party; provided that:

8.2 Either Party may assign this Agreement without the consent of the other Party to any affiliate of the assigning Party with an equal or greater credit rating and with the legal authority and operational ability to satisfy the obligations of the assigning Party under this Agreement.

8.3 The Customer Generator has the right to contingently assign this Agreement, without the consent of the Company, for collateral security purposes to aid in providing financing for the Generation Facility, provided that the Customer Generator will promptly notify the Company of any such contingent assignment.

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
(Continued)

**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS 3 MVA OR GREATER** (Continued)

IDAHO POWER COMPANY  
UNIFORM CUSTOMER GENERATOR  
INTERCONNECTION AGREEMENT  
(Continued)

AGREEMENT (Continued)

8.4 Any attempted assignment that violates this Section 6 is void and ineffective. Assignment shall not relieve a Party of its obligations, nor shall the non-assigning Party's obligations be enlarged, in whole or in part, by reason thereof. An assignee is responsible for meeting the same financial, credit, and insurance obligations as the Customer Generator. Where required, consent to assignment will not be unreasonably withheld, conditioned or delayed.

9. **Indemnity.** To the fullest extent permitted by law, Customer Generator shall indemnify, defend, reimburse, and hold harmless the Company and its successors and their respective directors, officers, members, employees, representatives, and agents (collectively, the "Indemnitees"), from, for, and against any and all third-party allegations, claims, liens, liabilities, losses, demands, damages, expenses, suits, actions, proceedings, judgments, and costs of any kind whatsoever, including, without limitation, settlement costs, court costs, and attorneys' and expert witness fees and expenses (collectively, "Damages"), whether actual or merely alleged, and whether directly incurred or incurred by a third party, arising out of, or relating to a) the negligent acts, omissions, or willful misconduct of Customer Generator, b) a violation of federal or state law, regulation, statute, or ordinance, or c) Customer Generator's material breach of this Agreement. If the Company seeks indemnification from the Customer Generator, the Company shall: (i) notify Customer Generator of the assertion of any claim; (ii) provide reasonable assistance (at Customer Generator's expense) in connection with the defense; and (iii) be entitled to pre-approve any settlement.

9.1 The Parties shall at all times indemnify, defend, and hold the other Party harmless from, any and all damages, losses, claims, including claims and actions relating to injury to or death of any person or damage to property, demand, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties, arising out of or resulting from the other Party's action or failure to meet its obligations under this Agreement on behalf of the indemnifying Party, except in cases of gross negligence or intentional wrongdoing by the indemnified Party.

9.2 If an indemnified person is entitled to indemnification under this article as a result of a claim by a third party, and the indemnifying Party fails, after notice and reasonable opportunity to proceed under this article, to assume the defense of such claim, such indemnified person may at the expense of the indemnifying Party contest, settle or consent to the entry of any judgment with respect to, or pay in full, such claim. Failure to defend is a Material Breach.

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
(Continued)

SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING  
SYSTEMS 3 MVA OR GREATER (Continued)

IDAHO POWER COMPANY  
UNIFORM CUSTOMER GENERATOR  
INTERCONNECTION AGREEMENT  
(Continued)

AGREEMENT (Continued)

9.3 If an indemnifying party is obligated to indemnify and hold any indemnified person harmless under this article, the amount owing to the indemnified person shall be the amount of such indemnified person's actual loss, net of any insurance or other recovery.

10. **Force Majeure Event.** Neither Party shall be liable for any breach, default, or delay in the performance of the obligations under this Agreement if and to the extent such default or delay is caused by fire, flood, earthquake, elements of nature or acts of God, riots, civil disorder, rebellions or revolutions, strikes, lockouts or other industrial disturbances, unanticipated changes in governmental laws and regulations, or any other cause beyond the reasonable control of such Party (a "Force Majeure Event"); provided the non-performing Party is without fault in causing such breach, default, or delay, and such breach, default or delay could not have been prevented by reasonable precautions and cannot reasonably be circumvented by the non-performing Party through the use of alternate sources, work-around plans, or other means. The Party claiming a Force Majeure Event must give the other Party immediate written notice, no later than five (5) calendar days of the Party's discovery of the Force Majeure Event, and the time for resumption of performance (if applicable) by that Party. The suspension of performance shall be of no greater scope and of no longer duration than is required by the Force Majeure Event.

11. **Insurance.** During the term of this Agreement, Customer Generator shall secure and continuously carry the following insurance coverage Comprehensive General Liability Insurance for both bodily injury and property damage with limits equal to \$1,000,000, each occurrence, combined single limit. The deductible for such insurance shall be consistent with current Insurance Industry Utility practices for similar property. Such insurance coverage shall be placed with an insurance company with an A.M. Best Company rating of A- or better and shall include:

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
 (Continued)

**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS 3 MVA OR GREATER** (Continued)

IDAHO POWER COMPANY  
UNIFORM CUSTOMER GENERATOR  
INTERCONNECTION AGREEMENT  
 (Continued)

AGREEMENT (Continued)

11.1 An endorsement naming Idaho Power as an additional insured and loss payee as applicable; and

11.2 A provision stating that such policy shall not be canceled, or the limits of liability reduced without sixty (60) days' prior written notice to Idaho Power.

11.1 Customer Generator to Provide Certificate of Insurance. As required in Paragraph 11 herein and annually thereafter, Customer Generator shall furnish the Company a certificate of insurance, together with the endorsements required therein, evidencing the coverage as set forth above.

11.2 Customer Generator to Notify Idaho Power of Loss of Coverage. If the insurance coverage required by Paragraph 11.1 shall lapse for any reason, Customer Generator will immediately notify Idaho Power in writing. The notice will advise Idaho Power of the specific reason for the lapse and the steps Customer Generator is taking to reinstate the coverage. Failure to provide this notice and to expeditiously reinstate or replace the coverage will constitute grounds for a temporary disconnection under Section 9.2 and will be a Material Breach.

**12. Miscellaneous.**

12.1 Governing Law. This Agreement shall be interpreted, applied and enforced in accordance with the laws of the State of Idaho without regard to its conflicts of law principles.

12.2 Net Salvage Value. If removal of the Interconnection Facilities is required, within sixty (60) days after the termination or expiration of this Agreement, Idaho Power will provide Customer Generator an estimate of the remaining value of the Company-Furnished Interconnection Facilities required under Schedule 68 and/or described in this Agreement, less the cost of removal and transfer to Idaho Power's warehouse ("Net Salvage Value"). If Customer Generator elects not to purchase the Interconnection Facilities from the Company, Idaho Power will reimburse the Customer Generator the Net Salvage Value as estimated by Idaho Power. Customer Generator shall invoice Idaho Power for the same and Customer Generator shall have the right to offset the invoice amount with amounts due to Idaho Power from Customer Generator.

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
(Continued)

**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS 3 MVA OR GREATER** (Continued)

IDAHO POWER COMPANY  
UNIFORM CUSTOMER GENERATOR  
INTERCONNECTION AGREEMENT  
(Continued)

AGREEMENT (Continued)

13. **Notices.** Any changes to the below contacts must be made via written notice pursuant to Section 13.1.

13.1 Written Notice. Where required herein, written notice shall be deemed to have been duly served when (i) delivered in person, or (ii) sent by mail or courier, return receipt requested, at the address for each Party as follows:

**If to the Customer Generator:**

Customer Generator: \_\_\_\_\_  
Attention: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**If to the Company:**

Company: \_\_\_\_\_  
Attention: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
(Continued)

**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS 3 MVA OR GREATER** (Continued)

IDAHO POWER COMPANY  
UNIFORM CUSTOMER GENERATOR  
INTERCONNECTION AGREEMENT  
(Continued)

AGREEMENT (Continued)

13.2 Designated Operating Representative. The Parties may also designate an operating representative to communicate regarding administration of this Agreement, as well as operations and maintenance of such Party's facilities; provided that, any "written notice" required by this Agreement must be made as set forth in the above Section 13.1.

**Customer Generator's Operating Representative:**

Customer Generator: \_\_\_\_\_  
Attention: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**Company's Operating Representative:**

Company: \_\_\_\_\_  
Attention: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Email: \_\_\_\_\_

IN WITNESS WHEREOF, the Parties hereto enter this Uniform Customer Generator Agreement to be effective as of the Effective Date.

**Idaho Power Company**

Print: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

**Customer Generator**

Print: \_\_\_\_\_  
Sign: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
(Continued)

**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING**  
**SYSTEMS 3 MVA OR GREATER** (Continued)

IDAHO POWER COMPANY  
UNIFORM CUSTOMER GENERATOR  
INTERCONNECTION AGREEMENT  
(Continued)

Attachment 1

Description and Costs of the Customer Generator System, Interconnection Facilities and Metering Equipment

In this attachment, the Customer Generator System and Interconnection Facilities, including Special Facilities and upgrades, are itemized and identified as being owned by the Customer Generator or the Company. As provided in Schedule 68, Cost of Interconnection Facilities, the Company will provide a best estimate itemized cost of its Interconnection Facilities, including Special Facilities, upgrades and Metering Equipment.

Attachment 2

One-line Diagram Depicting the Customer Generator System, Interconnection Facilities, Metering Equipment and Upgrades

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
(Continued)

**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING SYSTEMS 3 MVA OR GREATER** (Continued)

IDAHO POWER COMPANY  
UNIFORM CUSTOMER GENERATOR  
INTERCONNECTION AGREEMENT  
(Continued)

Attachment 3

Milestones

In-Service Date: \_\_\_\_\_

Critical milestones and responsibility as agreed to by the Parties:

	Milestone/Date	Responsible Party
(1)	_____	_____
(2)	_____	_____
(3)	_____	_____
(4)	_____	_____
(5)	_____	_____
(6)	_____	_____
(7)	_____	_____
(8)	_____	_____
(9)	_____	_____
(10)	_____	_____

Agreed to by:

For the Company \_\_\_\_\_ Date \_\_\_\_\_

For the Customer Generator \_\_\_\_\_ Date \_\_\_\_\_

SCHEDULE 68  
INTERCONNECTIONS TO CUSTOMER  
DISTRIBUTED ENERGY RESOURCES  
(Continued)

**SECTION 4: ADDITIONAL INTERCONNECTION REQUIREMENTS OF NON-EXPORTING**  
**SYSTEMS 3 MVA OR GREATER** (Continued)

IDAHO POWER COMPANY  
UNIFORM CUSTOMER GENERATOR  
INTERCONNECTION AGREEMENT  
(Continued)

Attachment 4

Additional Operating Requirements for the Company's Transmission System and Affected Systems Needed to Support the Customer Generator's Needs

The Company shall also provide requirements that must be met by the Customer Generator prior to initiating Parallel operation with the Company's Transmission System.

Attachment 5

Reactive Power Requirements

Idaho Power will determine the reactive power required to be supplied by the Company to the Customer Generator, based upon information provided by the Customer Generator. The Company will specify the equipment required on the Company's system to meet the Facility's reactive power requirements. These specifications will include but not be limited to equipment specifications, equipment location, Company-provided equipment, Customer Generator provided equipment, and all costs associated with the equipment, design and installation of the Company-provided equipment. The equipment specifications and requirements will become an integral part of this Agreement. The Company-owned equipment will be maintained by the Company, with total cost of purchase, installation, operation, and maintenance, including administrative cost to be reimbursed to the Company by the Customer Generator. Payment of these costs will be in accordance with Schedule 68 and the total reactive power cost will be included in the calculation of the monthly facilities charge.

Attachment 6

Company's Description of Upgrades Required to Integrate the Generation Facility and Best Estimate of Upgrade Costs

As provided in Schedule 68, this Attachment describes Upgrades, including best work upgrades, and provides an itemized best estimate of the cost of the Upgrades.