



Montana-Dakota Utilities Co.

400 N 4th Street
Bismarck, ND 58501

State of Montana Electric Rate Schedule

Volume No. 5
Original Sheet No. 48

SMALL GENERATOR FACILITY DISTRIBUTION INTERCONNECTION RULES AND PROCEDURES Rate 96

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I. PURPOSE and APPLICABILITY:

This tariff is intended to provide the interconnection rules and procedures for any distribution customer of Montana-Dakota Utilities Co. (Montana-Dakota) located in the State of Montana proposing to install and interconnect a small generator facility to Montana-Dakota Electric Distribution System (EDS). The Small Generator Facility's nameplate capacity must be less than or equal to 10 MW and satisfy the following criteria:

1. The proposed small generator facility must be located on a utility customer's premise.
2. The customer installing the small generator facility must be in good standing with the Company.
3. The proposed small generator facility's point of interconnection may not be on a transmission line.
4. The power produced from the small generation facility must be contained on the Company's EDS and not flow onto Montana-Dakota's Electric Transmission System (ETS).
5. The power produced by the small generation facility must be intended to be utilized by the customer or sold to Montana-Dakota.

Generators that are proposed and designed for interconnection to the Company's ETS (interconnections to voltages above 25KV) or to deliver power to the Company's ETS are not covered under this scope of this tariff.

II. DEFINITIONS:

The following terms used in this tariff have the following meanings, except where the context clearly indicates otherwise:

APPLICANT - A person or entity that has filed an application to interconnect a customer generator to Montana-Dakota's Electric Distribution System (EDS). An applicant may include a third party who owns and operates a small generator facility under agreement with a customer or leases a small generator facility to a

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customer.

COMMISSION - Public Service Commission of the State of Montana

CUSTOMER - Any entity connected to the utility system for the purpose of receiving electric power from the Company

COMPANY – Montana Dakota Utilities Co. (Montana-Dakota)

CUSTOMER-GENERATOR - A customer that generates electricity, typically on the customer's side of the meter.

ELECTRIC DISTRIBUTION SYSTEM (EDS) –

1. The infrastructure constructed, maintained, and under the jurisdiction of Montana Dakota Utilities Co.
2. Electric Distribution System has the same meaning as the term Area EPS, as defined in 3.1.6.1 of the IEEE Standard 1547-2003.

ELECTRIC DISTRIBUTION COMPANY (EDC) – An electric utility that distributes electricity to end users within the State of Montana and is subject to regulation by the Commission.

ELECTRIC TRANSMISSION SYSTEM (ETS) – Montana-Dakota's Electric System that operates at voltages above 25KV are defined as transmission for the purpose of this rate schedule.

EXPORT - Power flows past the point of interconnection onto the EDS.

GOOD STANDING - A customer's account is not in arrears.

IEEE - Institute of Electrical and Electronics Engineers.

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IEEE STANDARDS - The standards published by the Institute of Electrical and Electronics Engineers.

INTERCONNECT - To connect a utility customer's generator to Montana-Dakota's EDS.

INTERCONNECTION - The result of connecting a utility customer's generator to Montana-Dakota's EDS.

INTERCONNECTION CUSTOMER - An applicant that has entered into an interconnection agreement with Montana-Dakota to interconnect a small generator facility and has interconnected that small generator facility to Montana-Dakota's EDS.

INTERCONNECTION EQUIPMENT – A group of components or an integrated system provided by the interconnection customer to connect a small generator facility to Montana-Dakota's EDS, including all interface equipment such as switchgear, protective devices, inverters, or other interface devices. Interconnection equipment may be installed as part of an integrated equipment package that includes a generator or other electric source.

INTERCONNECTION FACILITIES – The facilities and equipment required by Montana-Dakota to accommodate the interconnection of a small generator facility to Montana-Dakota's EDS and used exclusively to interconnect a specific small generator facility. Interconnection facilities do not include system upgrades that may benefit Montana-Dakota, other customers, other interconnection customers, or an owner of an affected system.

LINE SECTION - The portion of a radial distribution circuit to which an applicant seeks to interconnect and is bounded by sectionalizing devices or is located at the end of a distribution line.

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NAMEPLATE CAPACITY - The maximum rated output of a generator, prime mover, or other electric power production equipment under specific conditions designated by the manufacturer and is usually indicated on a nameplate physically attached to the power production equipment.

NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) - A testing laboratory that is recognized by the United States Occupational Safety and Health Administration to test and certify interconnection equipment pursuant to the relevant codes and standards.

NON-CONTINUOUS PARALLEL GENERATOR – A generator that is designed to parallel the EDS for a short time period during a transfer of load for periods typically less than two minutes. This includes High Speed Transfer Switch Interconnections, Closed Transfer Systems, or Hot Transfer Standby Generator designs. The application process for this type of request will require the same process as a Continuous Parallel Generator. Some interconnection requirements may be relaxed, and an Interconnection Agreement may not be required, as determined on a case by case basis.

RADIAL DISTRIBUTION CIRCUIT - A circuit configuration in which independent feeders branch out radially from a common source of supply. In a radial distribution system, power flows in one direction from the company substation feeder to the load.

SMALL GENERATOR FACILITY - An energy resource(s) for the production and/or storage of electricity on the utility customer's premises that have an aggregate nameplate capacity that is less than or equal to 10 MW.

WITNESS TEST – A test performed jointly with Montana-Dakota to verify basic functionality of the small generator equipment and that the installation operates within acceptable limits of operation and does not interfere with the safety and operation of the EDS.

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III. REQUEST FOR INTERCONNECTION:

1. INTERCONNECTION REQUEST:

An applicant wanting to interconnect a small generator facility to the Company's EDS shall submit a Small Generator Facility Distribution Interconnection Application Form to Montana-Dakota.

The applicant must determine, prior to the submission of an application, the Interconnection Level the project will be submitted under. A preliminary consultation with Montana-Dakota personnel is recommended to help simplify the process prior to submitting an application form.

2. QUEUE POSITION:

Upon the receipt of an interconnection application request, Montana-Dakota shall assign a queue number in order to establish precedent with other existing and future interconnection requests on the same distribution circuit. The queue position of the interconnection request shall be used to determine the potential adverse system impacts of the small generator facility based on the relevant screening due to the nature of where a project is listed within the queue on a particular circuit. This will be communicated on the request acknowledgement form sent back to the applicant after the receipt of an application.

3. AGGREGATION OF MULTIPLE GENERATORS –

- a. An interconnection request for a small generator facility that includes multiple energy production devices at the common site where the applicant seeks a single point of interconnection shall be evaluated on the basis of the total aggregate nameplate capacity of the multiple devices.
- b. An interconnection request for an increase in the capacity for an existing small generator facility shall be evaluated using the new total aggregate capacity of the generators at the interconnection site.

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4. FEE SCHEDULE:

Interconnection applications must include a non-refundable application fee for Level 1 and 2 interconnection requests or a refundable deposit for Level 3 and 4 interconnection requests. The amount of the fee is dependent on the review level procedures of the interconnection request. All fees or deposits for processing such request must be paid prior to acceptance of the interconnection request by the Company.

Level 1 Application Fee - \$ 50.00
Level 2 Application Fee - \$200.00
Level 3 Application Deposit - \$500.00
Level 4 Application Deposit - \$500.00

Interconnection Review Levels 1, 2, 3, and 4 are defined in Section III.7 of this tariff.

5. MODIFICATION OF APPROVED APPLICATION:

When an interconnection request is deemed complete between Montana-Dakota and an applicant, any modification or change to the completed interconnection not agreed to by Montana-Dakota in writing shall require the submission of a new interconnection application request.

6. CERTIFIED EQUIPMENT:

Interconnection application requests may be eligible for review procedures as outlined below in this tariff if the small generator facility uses certified interconnection equipment.

- a. Interconnection equipment shall be deemed certified upon the establishment of all the following:
 - i. The interconnection equipment has been labeled and is publicly listed by a National Recognized Testing Lab (NRTL) at the time of the application.
 - ii. The equipment must have certification testing results available from the manufacturer or NRTL upon request of the Company.

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- iii. The applicant must verify and provide information that the certified interconnection equipment is compatible with the generator and that the planned use of the certified interconnection equipment falls within the labeled and certified use and limits listed by the manufacturer.
- iv. The interconnection equipment must be evaluated by a NRTL in accordance with the following codes:
 - 1. IEEE 1547-2003 Standard for Interconnecting Distributed Resources with Electric Power Systems using the testing protocol IEEE 1547.1-2005 Standard testing procedures to establish conformity.
 - 2. UL 1741 Standard Inverters, Converters, and Controllers for Use in Independent Power Systems.

7. INTERCONNECTION REVIEW LEVELS:

Interconnection application requests shall be reviewed using one of the following four procedures, based on size, complexity, and characteristics of the project:

- a. Level 1 – Small Generator Facility – Certified Inverter Connected up to 50 KW: applicable to proposed customer generation interconnections where the generator size is 50 KW or less and the generated power is to be interconnected to the radial EDS utilizing Certified Inverter Equipment.
- b. Level 2 – Small Generator Facility – Certified Equipment Connected up to 2 MW: applicable to proposed customer generation interconnections where the generator size is 2 MW or less and the generated power is to be connected to the radial EDS utilizing Certified Inverter Equipment.

Interconnection requests previously submitted under Level 1 but not approved under Level 1 may be reviewed as a Level 2 request under a new interconnection request for consideration.

- c. Level 3 – Small Generator Facility – No Power Export – Up to 10 MW: applicable to proposed customer generation interconnections where the size

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of the equipment is less than 10 MW and the generated power is planned for customer load with no power exported to the Company's EDS.

Interconnection requests previously submitted under Level 2 but not approved under Level 2 may be reviewed as a Level 3 request under a new interconnection request for consideration.

- d. Level 4 – Small Generator Facility – Up to 10 MW: applicable to proposed customer generation interconnections where the size of the generation is less than 10 MW and the interconnection request does not meet the criteria for review under Levels 1, 2, or 3, or was not approved under Interconnection requests previously submitted for review under Levels 1, 2, or 3.

IV. LEVEL 1 REVIEW PROCEDURES:

An application interconnection request submitted under Level 1 shall be subject to the following review procedures:

1. The Level 1 Interconnection Request Application form shall be completed by the applicant and submitted to Montana-Dakota. The application request shall include the Equipment Certification information, a Circuit Diagram of the proposed installation, and the application fee outlined in Section III.4.
2. Montana-Dakota will send an Interconnection Request Acknowledgement form back to the applicant within 10 business days. This acknowledgement will verify that the application has been received by the Company and shall indicate if the application is complete or if additional information is needed to complete the interconnection application.
3. Once the Interconnection Application is deemed complete, the Company shall evaluate the potential for adverse system impacts using the following screens which must be satisfied:

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- a. Verify that the Interconnection Inverter Equipment Certification is valid and proper.
 - b. Evaluate that the total aggregate generation, including the proposed application, does not exceed the following limits on the radial primary distribution circuit:
 - i. 15% of the peak load on the line section
 - ii. The annual minimum load for the line section
 - c. The proposed small generator facility must not exceed 20KVA of total generation on a shared neutral secondary system.
 - d. The proposed small generator facility must not exceed 20% of the nameplate rating of a transformer when connected 120 volts at a 120/240 volt single phase service.
 - e. The proposed small generator facility shall not exceed the capacity of the existing electrical service.
 - f. The Level 1 application cannot require any construction modifications to the Company's EDS
4. The Company shall, within 15 business days of an interconnection application being deemed complete, provide verification that the small generator facility equipment can be interconnected safely and reliably using Level 1 screens.
5. Within 5 business days of an approved Level 1 application, Montana-Dakota shall provide a letter that includes an Interconnection Agreement. The Interconnection Agreement shall be signed and returned to Montana-Dakota within 30 business days of receipt of the letter or the interconnection request shall be deemed withdrawn from the process.
6. The Interconnection Agreement will be approved by Montana-Dakota subject to the following conditions:
- a. The small generator facility has been approved by local, state, or municipal electric code authority that has jurisdiction over the installation.
 - b. The Witness Test has been performed and successfully completed.

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7. If the Level 1 application is denied, Montana-Dakota shall provide a written response that includes the reasons for the denial of the Level 1 application request. The interconnection applicant may, as an option, choose to resubmit an interconnection application request for a Level 2, Level 3, or Level 4 review. The line section queue position assigned to the Level 1 interconnection request shall be retained provided the request is made within 15 business days after notification that the current interconnection request has not been approved.

V. LEVEL 2 REVIEW PROCEDURES:

An application interconnection request submitted under Level 2 shall be subject to the following review procedures:

1. The Level 2 Interconnection Request Application form shall be completed by the applicant and submitted to Montana-Dakota. The application request shall include the Equipment Certification information, a Circuit Diagram of the proposed installation, and the application fee outlined in Section III.4.
2. Montana-Dakota will send an Interconnection Request Acknowledgement form back to the applicant within 10 business days. This acknowledgement will verify that the application has been received by the Company and indicate if the application is complete or if additional information is needed to complete the interconnection application.
3. Once the Interconnection Application is deemed complete, the Company shall evaluate the potential for adverse system impacts using the following screens which must be satisfied:
 - a. Verify that the Interconnection Inverter/Equipment Certification is valid and proper.
 - b. Evaluate that the total aggregate generation, including the proposed application, does not exceed the following limits on the radial primary distribution circuit:
 - i. 15% of the peak load on the line section
 - ii. The annual minimum load for the line section

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- c. The proposed small generator facility, in total with other generation on the distribution circuit, must not contribute more than 10% to the maximum fault current at the point on the primary line nearest the point of interconnection.
 - d. The proposed small generator facility, in total with other generation on the distribution circuit, must not cause any distribution protective devices and equipment, or other customer equipment on the EDS to be exposed to fault currents exceeding 90% of the short circuit interrupting capability including X/R effects.
 - e. The proposed small generator facility, in total with other generation interconnected to the primary distribution side of a substation transformer feeding the circuit, may not exceed 10 MW in an area where there are known transient stability limitations to generating units located in the general electrical vicinity.
 - f. When a three phase three wire primary EDS is to be used to connect a proposed small generator facility, the generator will be connected phase-to-phase.
 - g. When a three phase four wire primary EDS is to be used to connect a proposed small generator facility, the generator will be connected line-to-neutral and shall be effectively grounded.
 - h. The proposed small generator facility must not exceed 20KVA of total generation on a shared neutral secondary system.
 - i. The proposed small generator facility must not exceed 20% of the nameplate rating of a transformer when connected 120 volts at a 120/240 volt single phase service.
 - j. The proposed small generator facility must not exceed the capacity of the existing service.
 - k. The construction of facilities by Montana-Dakota is not required to accommodate the proposed small generator facility.
4. The Company shall, within 20 business days of an interconnection application being deemed complete:
- a. Evaluate the request using the Level 2 review criteria

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- b. Review the applicant's analysis, if provided by the applicant, using the same criteria, and
 - c. Provide the applicant the Company's evaluation, including a comparison of the results of its own analysis with those included with the application.
5. Within 5 days of an approved, or conditionally approved Level 2 application, Montana-Dakota shall provide a letter that includes an Interconnection Agreement. For approved requests, the Interconnection Agreement shall be signed and returned to Montana-Dakota within 30 business days of receipt of the letter or the interconnection request shall be deemed withdrawn from the process.
6. The Interconnection Agreement will be approved by Montana-Dakota subject to the following conditions:
 - a. The small generator facility has been approved by local, state, or municipal electric code authority that has jurisdiction over the installation.
 - b. The Witness Test has been performed and successfully completed.
7. A conditionally approved interconnection application is an interconnection request that may be approved under Level 2 criteria with minor modifications to the Company's EDS, however the application has failed one or more of the evaluation elements listed previously. The Company will provide the applicant with a letter that includes an Interconnection Agreement and a listing of the milestones needed to be completed for the facility to be connected to the Company's EDS.
 - a. The Interconnection Agreement will be approved by Montana-Dakota subject to the following conditions being completed:
 - i. All milestones agreed to in the Interconnection Agreement are satisfied.
 - ii. The small generator facility has been approved by local, state, or municipal electric code authority that has jurisdiction over the installation.
 - iii. A Witness Test has been performed and successfully completed.

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8. If the Level 2 application is denied, Montana-Dakota shall provide a written response that includes the reasons for the denial of the Level 2 application request. The interconnection applicant may, as an option, choose to resubmit an interconnection application request for a Level 3 or Level 4 review. The line section queue position assigned to the Level 2 interconnection request shall be retained provided the request is made within 15 business days after notification that the current interconnection request has not been approved.

VI. LEVEL 3 REVIEW PROCEDURES:

An application interconnection request submitted under Level 3 shall be subject to the following review procedures:

1. The Level 3 & 4 Interconnection Request Application form shall be completed by the applicant and submitted to Montana-Dakota. The application request shall include the Equipment Certification information, a Circuit Diagram of the proposed installation, and the application fee outlined in Section III.4.
2. Montana-Dakota will send an Interconnection Request Acknowledgement form back to the applicant within 10 business days. This acknowledgement will verify that the application has been received by the Company and indicate if the application is complete or if additional information is needed to complete the interconnection application.
3. Once the Interconnection Application is deemed complete, the Company shall evaluate the interconnection request using the following criteria:
 - a. The total of the nameplate capacity of all generators on the circuit, including the proposed small generating facility, is 10 MW of less.
 - b. The small generator will use reverse power relays or other protection that prevent power flow onto the EDS.
 - c. The small generator facility is not served by a shared transformer.
 - d. The construction of facilities by Montana-Dakota is not required to accommodate the proposed small generator facility.

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4. The Company will evaluate the application and provide a response to the Applicant within 20 business days of a completed application form.
5. Within 5 days of an approved Level 3 application, Montana-Dakota shall provide a letter that includes an Interconnection Agreement. The Interconnection Agreement shall be signed and returned by the interconnection applicant within 30 business days from the receipt of the response or deemed withdrawn from the process.
6. The Interconnection Agreement will be approved by Montana-Dakota subject to the following conditions:
 - a. All milestones agreed in the Interconnection Agreement are satisfied.
 - b. The small generator facility has been approved by local, state, or municipal electric code authority that has jurisdiction over the installation.
 - c. The Witness Test has been performed and successfully completed.
7. If the Level 3 application is denied, Montana-Dakota shall provide a written response that includes the reasons for the denial of the Level 3 application request. The interconnection applicant may, as an option, choose to resubmit an interconnection application request for a Level 4 review. The line section queue position assigned to the Level 3 interconnection request shall be retained provided the request is made within 15 business days after notification that the current interconnection request has not been approved.

VII. LEVEL 4 REVIEW PROCEDURES:

An application interconnection request submitted under Level 4 shall be subject to the following review procedures:

1. The Level 3 & 4 Interconnection Request Application form shall be completed by the Applicant and submitted to Montana-Dakota. The application request shall include the Equipment Certification information, a Circuit Diagram of the proposed installation, and the application fee outlined in Section III.4.

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2. Montana-Dakota will send an Interconnection Request Acknowledgement form back to the applicant within 10 business days. This acknowledgement will verify that the application has been received by the Company and indicate if the application is complete or if additional information is needed to complete the interconnection application.
3. A Level 4 application that is deemed incomplete shall have 10 business days to provide the data necessary to complete the interconnection request or the application will be deemed withdrawn from the process.
4. Once the Interconnection Application is deemed complete, the Company shall use the following metrics in performing a Level 4 review:
 - a. With an agreement between the parties, the scoping meeting, interconnection feasibility study, interconnection impact study, or interconnection facilities study provided for in a Level 4 review may be waived.
 - b. If agreed to by the parties, a scoping meeting will be held within 10 business days of the notification to the applicant that the interconnection application is complete, or the applicant has requested that its interconnection request proceed after failing the requirements of a Level 2 or Level 3 review.
 - c. The scoping meeting will provide what is needed to proceed with a feasibility study and any further analysis of the proposed generator interconnection request. Any previous study results or other pertinent information will also be reviewed at the scoping meeting to determine the need for additional studies.
 - d. An Interconnection Feasibility Study may be performed to determine if the project is feasible to interconnect with Montana-Dakota's EDS.

If the parties agree that an Interconnection Feasibility Study shall be performed, the Company shall provide to the applicant, no later than 5

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business days after the scoping meeting, an interconnection feasibility study agreement, including an outline of the scope of the study and a non-binding good faith estimate of the cost to perform the study.

The Interconnection Feasibility Study shall include any of the following analyses necessary for the purpose of identifying any potential adverse system impacts on the EDS:

- i. Initial identification of circuit breaker short circuit limits exceeded.
 - ii. Initial identification of any thermal overload issues
 - iii. Initial identification of any voltage limit issues
 - iv. Initial review of any grounding requirement and system protection concerns
 - v. A non-binding rough estimate of the costs of facilities required to interconnect the proposed generator to the EDS.
- e. An Interconnection System Impact Study may be performed to review the system impacts of the proposed small generator on Montana-Dakota's EDS.

If the parties agree at the scoping meeting that an Interconnection Feasibility Study is not required, Montana-Dakota shall provide to the applicant, no later than 5 business days after the scoping meeting, an Interconnection System Impact Study Agreement, including an outline of the scope of the study and a non-binding good faith estimate of the cost to perform the study.

An Interconnection System Impact Study shall evaluate the impact of a proposed small generator on the Company's EDS on both the reliability and safety issues related to the proposed generator. Consideration of any studies that an applicant has provided will be reviewed and analyzed. The impact study shall include any necessary elements from among the following:

- i. A load flow study
- ii. Identification of the affected systems
- iii. An analysis of equipment interrupting ratings
- iv. A protection coordination study

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- v. Voltage drop and flicker studies
- vi. Grounding reviews
- vii. System operations impacts
- viii. A short circuit analysis
- ix. A stability analysis

- f. An Interconnection Facilities Study shall be performed to estimate the cost of the equipment, engineering, procurement, and construction work, including overheads, needed to implement the conclusions of the Interconnection Feasibility Study and/or the Interconnection System Impact Study to interconnect the proposed small generator facility.

If the parties agree at the scoping meeting that an Interconnection Feasibility Study and an Interconnection System Impact Study are not required, Montana-Dakota shall provide to the applicant, no later than 5 business days after the scoping meeting, an Interconnection Facilities Study Agreement, including an outline of the scope of the study and a non-binding good faith estimate of the cost to perform the study.

The Interconnection Facilities Study shall identify the following:

- i. The electrical switching configuration of the equipment, including transformer, switchgear, meters, and other station equipment.
- ii. The nature and estimated cost of the Company's EDS changes required to interconnect the proposed small generator facility.
- iii. An estimate of the time required to complete the construction and installation of the required facilities on the EDS.

- g. When the Company has determined, as a result of the studies conducted under a Level 4 review, that the proposed small generator interconnection can be made to the EDS, the Company will send a response letter to the applicant with an Interconnection Agreement for Small Distribution Generator Facility, including the requirement details associated with the proposed installation.

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- h. When the Company has determined, as a result of the studies conducted under a Level 4 review, that the proposed small generator interconnection cannot be made to the EDS, the Company will send a response letter to the applicant indicating the reasons for the denial of the application.
 - i. The applicant will have 30 business days after the receipt of an interconnection agreement to sign and return the agreement. When an applicant does not sign and return the application within 30 business days, the interconnection request shall be deemed withdrawn.
 - j. The interconnection agreement will be final only when:
 - i. The milestones agreed to in the Interconnection Agreement for Small Distribution Generator Facility are satisfied.
 - ii. The small generator facility has been approved by local, state, or municipal electric code authority that has jurisdiction over the installation.
 - iii. The Witness Test has been performed and successfully completed.
- VIII. GENERAL INTERCONNECTION PROVISIONS:**
- 1. **APPLICANT'S RESPONSIBILITY:**
 - a. The interconnection applicant is responsible for the construction of all generator facilities and the securing of any necessary approvals or permits from local, state, and federal authorities.
 - b. The costs associated with the interconnection application and agreement are the responsibility of the interconnection applicant. This includes any application fees, the cost of various studies required, and any construction of facilities on the Electric Distribution System needed to accommodate a proposed small generator facility. The Company will not charge the applicant for the required Witness Test.
 - 2. Existing capacity or construction of capacity by the Company on its EDS is not required to accommodate small generator facilities.

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3. Interconnection facilities approved and installed under this and all other schedules are governed by the rules and regulations approved by the Montana Public Service Commission.
4. **DISCONNECTION DEVICE:**
The proposed interconnection design of a Small Generator Facility must include a disconnect device installed, owned, and maintained by the customer to be used by the Company in the event of system operation maintenance or an emergency event. The disconnect device shall be capable of interrupting and isolating the small generation facility equipment from the Company's EDS. This device must allow for a visible break, must have the ability to be locked open, and must be accessible to the Company at all times for use. The location shall be within ten (10) feet of the metered service point unless special permission is granted by Montana-Dakota. The disconnection device shall be documented on the Interconnection Agreement.
5. **METERING:**
Changes to or the addition of metering equipment to properly account for the generation and use of power at the interconnection site will be communicated by the Company in the application process. The customer will be responsible for the installation, costs, and maintenance of any load wiring, meter sockets, cabinets, etc. required for the accommodation of meters, instrument transformers, test switches, or other meter devices provided by and maintained by the Company. The additional or required metering changes shall be documented on the Interconnection Agreement.
6. **TECHNICAL STANDARDS:**
Unless otherwise noted in this tariff, the technical standard to be used in evaluating all interconnection requests shall be the IEEE Standard 1547-2003 version.

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7. WITNESS TEST:

A witness test shall be required as part of the installation and approval of any proposed interconnection to the Company's EDS. This test is required to assure the small generator facility is operating within the characteristics of the equipment as proposed and certified along with an assurance that no operational interference is affecting any other customer's service on the Company's EDS. The applicant shall give the Company a 10-day notice to schedule this Witness Test of the small generator facility. This test may be performed at the commissioning startup of the proposed facility and a successful test is required to gain final approval of the interconnection agreement.

The Witness Test at a minimum shall require:

- a. Verification of the Equipment proposed and declared on the Application Request.
- b. Verification of the location and access of the Disconnection Device.
- c. A Power Recording Device installation at the interconnection point to record a period of time the small generator facility is operating in parallel to the EDS.
- d. Verify that a loss in EDS voltage to the system allows for proper interruption of the generation voltage to the EDS. (Islanding Test)
- e. Any other test stipulated in the Interconnection Agreement.

If the witness test is not acceptable, the Company shall send a written report to the applicant within 5 business days of the end of the witness test period. The applicant shall be granted 30 business days to address and resolve any deficiencies. If the applicant fails to address and resolve the deficiencies to the satisfaction of the Company, the interconnection request will be deemed withdrawn.

8. INSPECTION AND TESTING OF FACILITY:

- a. Future testing of an approved facility may be performed under the following circumstances:
 - i. An annual test for Level 2 and Level 3 approved facilities

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- ii. Mutually agreed upon intervals for Level 4 approved facilities and any necessary testing specified by the manufacturer.
 - b. The Company shall have the right to inspect a customer generator facility before and after the interconnection approval is granted. This right to inspection is to be performed at reasonable hours and with reasonable prior notice provided to the customer.
- 9. **MONITORING OF INTERCONNECTION EQUIPMENT:**

The Company may require monitoring or control of a small generator facility if the nameplate capacity rating of the small generator facility interconnecting to the EDS, or the aggregate nameplate capacity of all small generator facilities on the line section in combination with the proposed small generator facility interconnecting to the EDS, is greater than 15% of the line section annual peak load as most recently measured at the substation or exceeds the annual minimum load of the line section.
- 10. **DISCONNECTION OF SERVICE:**
 - a. The Company shall have the right to disconnect the customer generator facility at any time during an emergency on the EDS.
 - b. If the Company discovers that the customer generator is not in compliance with the requirements of IEEE Standard 1547-2003, and the noncompliance adversely affects the safety or reliability of the EDS, the Company may require the disconnection of the customer generator facility until it complies. The Company will provide the customer with a written report of the details of how the customer generator facility is not complying with IEEE 1547-2003 or the Administrative Rules of the State of Montana (Small Generator Interconnections).
 - c. The Company shall have the right to disconnect unauthorized small generator interconnections to the Company EDS upon discovery.

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11. DISPUTE RESOLUTION:

Either the Company or Customer Generator shall attempt to resolve all disputes regarding a small generator facility interconnection promptly, equitably, and in a good faith manner.

When a dispute cannot be resolved, a party may seek immediate resolution through complaint procedures available through the Montana Public Service Commission.

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 **Small Generator Facility Distribution Interconnection
Level 1 Interconnection Request Application Form**

(See also Small Generator Facility Distribution Interconnection Rules and Procedures Rate 96 for Level 1)

APPLICATION SCOPE:

LEVEL 1 GENERATORS – Application shall be used to request the interconnection of a generator to operate in parallel with Montana-Dakota’s Electric Distribution System. The generator can be up to 50 KW in size utilizing inverter based certified interconnection equipment (as defined in Small Generator Facility Distribution Interconnection Rules and Procedures Rate 96).

Applicant/Interconnection Customer Contact Information

Name:

Mailing Address:

City: State: Zip Code:

Telephone (Daytime): Telephone (Evening):

Email Address:

System Installer/Consultant Engineer

Check if Owner Installed

Name:

Mailing Address:

City: State: Zip Code:

Telephone (Daytime): Telephone (Evening):

Email Address:

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 **Small Generator Facility Distribution Interconnection
Level 1 Interconnection Request Application Form**

Small Generator Facility Information

INVERTER

Inverter Manufacturer: Model:

Inverter Electric Nameplate Capacity: (KW) (KVA)

Inverter Electrical Connection: (AC Volts) Phases: 1Ø 3Ø

Is the Inverter Lab Certified Yes No

(Note: Certified is defined as an Inverter tested to IEEE 1547-2003 Standards using IEEE 1547.1-2005 testing protocol and UL Rating 1741 for Inverters by a Nationally Recognized Testing Laboratory (NRTL)

GENERATOR

Prime Mover: Photovoltaic Reciprocating Engine Fuel Cell Turbine

Energy Source: Solar Wind Hydro Diesel Natural Gas Fuel Oil

Generator Comments

Total System Design Capacity: (KW) (KVA)

SITE Information

This application is requested for: A New Small Generator to be located on an Existing Service.
 A New Small Generator to be located at a New Service.
 A Change to an Existing Small Generator Location.

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 **Small Generator Facility Distribution Interconnection
Level 1 Interconnection Request Application Form**

Estimated Commissioning Date:

Interconnection Address/Location:

MDU Premise/Account (MDU USE):

Note: The Required Disconnect Switch must be able to be locked open and shall be located within 10 (Ten) feet of the meter location unless special permission is granted by the company.

FINAL CHECKLIST FOR APPLICATION:

- Verify that the Application Information is filled out and complete.
- Attach Information from the Inverter Manufacturer documenting the NRTL compliance testing to the IEEE 1547 and UL 1741 Standards and Codes.
- Attach a One-Line Diagram of the Proposed system that at a minimum includes the general connection of the Service Line, Meter, Load Center(s), Inverter(s), Generator(s), and Disconnect Switch.
- Completed Net Metering Application Addendum "A"

Note: An application fee is required before the application can be processed. Please verify that the appropriate fee is included with the application:

Application Fee Included: Amount: \$50.00

Applicant Signature

I hereby attest that the information submitted on this application is accurate to the best of my knowledge.

Signature: _____

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 **Small Generator Facility Distribution Interconnection
Level 1 Interconnection Request Application Form**

Title: _____ Date: _____

ADDENDUM "A" NET METERING RATE REQUEST

Net Metering Availability: The Net Metering Rate 92 is available to any customer that owns and operates a solar, wind, or hydroelectric generating facility utilizing these renewable energy sources with a capacity of not more than 50 KW and that is located on the customer's premises and that is intended primarily to offset part or all of the customer's own electrical requirements.

This Small Generator Application is requesting to be operated on the Net Metering Rate: YES NO

If "YES" please read and understand the NET METERING SERVICE RATE 92 and designate a start date for the start of the 12 month billing period: (Make a choice)

January 1st

April 1st

July 1st

October 1st

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 **Small Generator Facility Distribution Interconnection
Level 2 Interconnection Request Application Form**

(See also Small Generator Facility Distribution Interconnection Rules and Procedures Rate 96 for Level 2)

APPLICATION SCOPE:

LEVEL 2 GENERATORS – Application shall be used to request the interconnection of a generator to operate in parallel with Montana-Dakota’s Electric Distribution System. The generator can be up to 2 MW in size and must utilize certified interconnection equipment (as defined in Small Generator Facility Distribution Interconnection Rules and Procedures Rate 96). Also, Interconnections that were reviewed under Level 1 review procedures but not approved, can be re-submitted under a new Level 2 Interconnection Request.

Applicant/Interconnection Customer Contact Information

Name:

Mailing Address:

City: State: Zip Code:

Telephone (Daytime): Telephone (Evening):

Email Address:

System Installer/Consultant Engineer

Check if Owner Installed

Name:

Mailing Address:

City: State: Zip Code:

Telephone (Daytime): Telephone (Evening):

Email Address:

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 **Small Generator Facility Distribution Interconnection
Level 2 Interconnection Request Application Form**

SITE INFORMATION

This application is requested for: A New Small Generator to be located on an Existing Service Location.
 A New Small Generator to located at a New Service Location.
 A Change to an Existing Small Generator Location.

Interconnection Address/Location:

MDU Premise/Account (MDU USE ONLY):

Electric Service Information for Applicant's Facility Where Generator Will Be Interconnected

Capacity: Amps Voltage: Volts

Type of Service: Single Phase Three Phase

Estimated Commissioning Date:

Small Generator Facility General Information

Prime Mover: Photovoltaic Reciprocating Engine Fuel Cell Turbine Micro Turbine Other _____

Energy Source: Solar Wind Hydro Diesel Natural Gas Steam Fuel Oil Other _____

Generator Type: Synchronous Induction Not Applicable

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 **Small Generator Facility Distribution Interconnection
Level 2 Interconnection Request Application Form**

Generator Nameplate Rating: KW KVAR

Total Expected Generation Export KW KVAR

INVERTER INFORMATION (if Applicable)

Inverter Manufacturer: Model:

Inverter Electric Nameplate Capacity: (KW) (KVA)

Inverter Electrical Connection: (AC Volts) Phases: 1 ϕ 3 ϕ

System Design Capacity: (KW) (KVA)

Is the Inverter Lab Certified Yes No

(Note: Certified is defined as an Inverter tested to IEEE 1547-2003 Standards using IEEE 1547.1-2005 testing protocol and UL Rating 1741 for Inverters by a Nationally Recognized Testing Laboratory (NRTL))

CERTIFIED EQUIPMENT LISTING – List interconnection components/systems to be used in the Small Generation Facility that is NRTL Certified. (required for Lab Tested Certification of Interconnection Equipment) Please included information for all certified equipment components.

<u>Component/System</u>	<u>NRTL Providing Label – Listing</u>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

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**Small Generator Facility Distribution Interconnection
Level 2 Interconnection Request Application Form**

FINAL CHECKLIST FOR APPLICATION:

- Verify that the Application Information is filled out and complete.
- Attach Information from the Inverter Manufacturer documenting the NRTL compliance testing to the IEEE 1547 and UL 1741 Standards and Codes.
- Attach Information from All Other Certified Interconnection Equipment Manufacturer documenting the NRTL compliance testing to the IEEE 1547 and UL 1741 Standards and Codes.
- Complete Net Metering Application Addendum "A" (If Applicable)
- Complete Synchronous Generator Data Addendum "B" (If Applicable)
- Complete Induction Generator Data Addendum "C" (If Applicable)
- Attach a One-Line Diagram of the Proposed system that at a minimum includes the general connection of the Service Line, Meter, Load Center(s), Inverter(s), Generator(s), Transformer(s), and Disconnect Switch.

Is Facility a Qualified Facility? Yes No

If yes, has the Applicant completed FERC's "Notice of Self Certification"? Yes No

Verification Number Received from FERC:

Note: An application fee is required before the application can be processed. Please verify that the appropriate fee is included with the application:

Application Fee Included: Amount: \$200.00

Applicant Signature

I hereby attest that the information submitted on this application is accurate to the best of my knowledge.

Signature: _____

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 **Small Generator Facility Distribution Interconnection
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Title: _____ Date: _____

ADDENDUM "A" NET METERING RATE REQUEST

Net Metering Availability: The Net Metering Rate 92 is available to any customer that owns and operates a solar, wind, or hydroelectric generating facility utilizing these renewable energy sources with a capacity of not more than 50 KW and that is located on the customer's premises and that is intended primarily to offset part or all of the customer's own electrical requirements.

This Small Generator Application is requesting to be operated on the Net Metering Rate 92: YES NO

If "YES" please read and understand the NET METERING SERVICE RATE 92 and designate a start date for the start of the 12 month billing period: (Make a choice)

January 1st

April 1st

July 1st

October 1st

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 **Small Generator Facility Distribution Interconnection
Level 2 Interconnection Request Application Form**

ADDENDUM "B" SYNCHRONOUS GENERATOR DATA

Manufacturer:

Model Number: Version Number:

* Submit copies of the Saturation Curve and Vee Curve.

Salient Rotor Non-Salient Rotor

Torque: Ft-Lb Rated RPM:

At Rated Generator Voltage and Current: Field Amperes: Amps @ %PF

Type of Exciter:

Output Power of Exciter:

Type of Voltage Regulator:

Locked Rotor Current: Amps Synchronous Speed: RPM

Winding Connection:

Min. Operating Frequency/Time:

Generator Connection: Delta Wye Wye Grounded

Direct-axis Synchronous Reactance (Xd): Ohms (P.U.)

Direct-axis Transient Reactance (X'd): Ohms (P.U.)

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 **Small Generator Facility Distribution Interconnection
Level 2 Interconnection Request Application Form**

Direct-axis Sub-Transient Reactance (X''_d): Ohms (P.U.)

ADDENDUM "C" INDUCTION (Asynchronous) GENERATOR DATA

Manufacturer:

Model Number: Version Number:

Locked Rotor Current: Amps Base KVA: KVA

Rotor Resistance (R_r): Ohms Exciting Current: Amps

Rotor Reactance (X_r): Ohms Reactive Power Required:

Magnetizing Reactance (X_m): Ohms VAR's (No Load)

Stator Resistance (R_s): Ohms VAR's (Full Load)

Stator Reactance (X_s): Ohms

Short Circuit Reactance (X_d): Ohms

K (Heating Time Constant): Total Rotating Inertia H: KVA PU

Phase: Single Phase Three Phase

Frame Size: Design Letter: Temp. Rise: °C

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**Small Generator Facility Distribution Interconnection
Level 3 & 4 Interconnection Request Application Form**

[See also Small Generator Facility Distribution Interconnection Rules and Procedures Rate 96 for Levels 3 & 4]

APPLICATION SCOPE:

LEVEL 3 GENERATORS – Application shall be used to request the interconnection of a generator to operate in parallel with Montana-Dakota’s Electric Distribution System. The generator can be up to 10 MW in size and where power will not be exported beyond the interconnection point. This could be used as a demand control generator for customer load.

LEVEL 4 GENERATORS – Application shall be used to request the interconnection of a generator to operate in parallel with Montana-Dakota’s Electric Distribution System. The generator can be up to 10 Megawatts (MW) in size, and does not qualify under the criteria of LEVEL 1, LEVEL 2, and LEVEL 3. This includes any Interconnection Request that was submitted and not approved under a LEVEL 1, LEVEL 2, or LEVEL 3 Interconnection Request

Applicant/Interconnection Customer Contact Information

Name:

Mailing Address:

City: State: Zip Code:

Telephone (Daytime): Telephone (Evening):

Email Address:

System Installer/Consultant Engineer

Check if Owner Installed

Name:

Mailing Address:

City: State: Zip Code:

Montana Dakota Utilities Co. Revision Date: June 28, 2018

Issued: November 4, 2022

By: Travis R. Jacobson
Director – Regulatory Affairs

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Montana-Dakota Utilities Co.

400 N 4th Street
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 **Small Generator Facility Distribution Interconnection
Level 3 & 4 Interconnection Request Application Form**

Telephone (Daytime): Telephone (Evening):

Email Address:

SITE INFORMATION

This application is requested for: A New Small Generator to be located on an Existing Service Location.
 A New Small Generator to located at a New Service Location.
 A Change to an Existing Small Generator Location.

Interconnection Address/Location:

Electric Service Information for Applicant's Facility Where Generator Will Be Interconnected

Capacity: Amps Voltage: Volts

Type of Service: Single Phase Three Phase

Estimated Commissioning Date:

Small Generator Facility General Information

Prime Mover: Photovoltaic <input type="checkbox"/>	Energy Source: Solar <input type="checkbox"/>
Reciprocating Engine <input type="checkbox"/>	Wind <input type="checkbox"/>
Fuel Cell <input type="checkbox"/>	Hydro <input type="checkbox"/>
Turbine <input type="checkbox"/>	Diesel <input type="checkbox"/>
Micro Turbine <input type="checkbox"/>	Natural Gas <input type="checkbox"/>
Other _____	Steam <input type="checkbox"/>
	Fuel Oil <input type="checkbox"/>
	Other _____

Generator Type: Synchronous Induction Not Applicable

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 **Small Generator Facility Distribution Interconnection
Level 3 & 4 Interconnection Request Application Form**

Generator Nameplate Rating: KW KVAR

Total Expected Generation Export KW KVAR

INVERTER INFORMATION (If Applicable)

Inverter Manufacturer: Model:

Inverter Electric Nameplate Capacity: (KW) (KVA)

Inverter Electrical Connection: (AC Volts) Phases: 1 ϕ 3 ϕ

System Design Capacity: (KW) (KVA)

Is the Inverter Lab Certified Yes No

(Note: Certified is defined as an inverter tested to IEEE 1547-2003 Standards using IEEE 1547.1-2005 testing protocol and UL Rating 1741 for Inverters by a Nationally Recognized Testing Laboratory (NRTL))

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**Small Generator Facility Distribution Interconnection
Level 3 & 4 Interconnection Request Application Form**

FINAL CHECKLIST FOR APPLICATION:

- Verify that the Application Information is filled out and complete.
- Attach Information from the Inverter Manufacturer documenting the NRTL compliance testing to the IEEE 1547 and UL 1741 Standards and Codes. (If Applicable)
- Complete Equipment Detail Addendum "A" – Prepare Lists and Attach Detailed information.
- Complete Synchronous Generator Data Addendum "B" (If Applicable)
- Complete Induction Generator Data Addendum "C" (If Applicable)
- Attach a Site Diagram of the Proposed System location indicating the locations of all proposed equipment at the Small Generator Site. This should include at a minimum, generator locations, electrical equipment, disconnect location, transformers, meters, and all other system related locations.
- Attach a One-Line Diagram of the Proposed System that at a minimum includes the general connection of the Service Line, Meter, Load Center(s), Inverter(s), Generator(s), Transformer(s), and Disconnect Switch. Also include relay protection, control schematics, current and potential circuits, and alarm/monitoring circuits.

Is Facility a Qualified Facility? Yes No

If yes, has the Applicant completed FERC's "Notice of Self Certification"? Yes No

Verification Number Received from FERC:

Note: An application Deposit is required before the application can be processed. The actual cost of the studies and reviews necessary to provide for this Interconnection is the responsibility of Interconnection Applicant.

Application Deposit Included: Amount: \$500.00 Deposit

Applicant Signature

I hereby attest that the information submitted on this application is accurate to the best of my knowledge.

Signature: _____

Title: _____ Date: _____

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 **Small Generator Facility Distribution Interconnection
Level 3 & 4 Interconnection Request Application Form**

ADDENDUM "A" ADDITIONAL INTERCONNECTION EQUIPMENT DATA

GENERATOR CONNECTION

Transformer

Is there a Transformer needed between the Generator and Service Connection Point Yes No

Transformer Detail: 3 Phase 1 Phase

Capacity: KVA Impedance: % on BASE: KVA

PRIMARY: Voltage: KV Connected: Delta Wye Grd Wye

SECONDARY: Voltage: KV Connected: Delta Wye Grd Wye

Power Circuit Breaker

Manufacturer:

Type:

Load Amp Rating: Interrupting Amp Rating:

Trip Speed: Cycles

Interconnection Relays

If Conventional individual relay: Attach a List and Include the following for each relay:
Manufacture, Model, Catalog Number, Function, Proposed Setting

If Microprocessor Controlled: List the following for each Setpoint:
Setpoint Function, Minimum, and Maximum Settings – Proposed Settings.

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**Small Generator Facility Distribution Interconnection
Level 3 & 4 Interconnection Request Application Form**

ADDENDUM "A" ADDITIONAL INTERCONNECTION EQUIPMENT DATA

Auxiliary Transformers
Current Transformers (If Applicable and for each Bank of Current Transformers in the One-Line)
List of the Manufacture, Model, Serial Numbers (all units), Proposed Ration Connection, Accuracy Class, and Burden.

Potential Transformers (If Applicable and for each Bank of Potential Transformers in the One-Line)
List of the Manufacture, Model, Serial Numbers (all units), Proposed Ration Connection, Accuracy Class, Thermal Rating, and Burden.

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 **Small Generator Facility Distribution Interconnection
Level 3 & 4 Interconnection Request Application Form**

ADDENDUM "B" SYNCHRONOUS GENERATOR DATA

Manufacturer:

Model Number: Version Number:

* Submit copies of the Saturation Curve and Vee Curve.

Salient Rotor Non-Salient Rotor

Torque: Ft-Lb Rated RPM:

At Rated Generator Voltage and Current: Field Amperes: Amps @ %PF

Type of Exciter:

Output Power of Exciter:

Type of Voltage Regulator:

Locked Rotor Current: Amps Synchronous Speed: RPM

Winding Connection:

Min. Operating Frequency/Time:

Generator Connection: Delta Wye Wye Grounded

Direct-axis Synchronous Reactance (Xd): Ohms (P.U.)

Direct-axis Transient Reactance (X'd): Ohms (P.U.)

Direct-axis Sub-Transient Reactance (X''d): Ohms (P.U.)

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 **Small Generator Facility Distribution Interconnection
Level 3 & 4 Interconnection Request Application Form**

ADDENDUM "C" INDUCTION (Asynchronous) GENERATOR DATA

Manufacturer:

Model Number: Version Number:

Locked Rotor Current: Amps Base KVA: KVA

Rotor Resistance (Rr): Ohms Exciting Current: Amps

Rotor Reactance (Xr): Ohms Reactive Power Required:

Magnetizing Reactance (Xm): Ohms VAR's (No Load)

Stator Resistance (Rs): Ohms VAR's (Full Load)

Stator Reactance (Xs): Ohms

Short Circuit Reactance (Xc): Ohms

K (Heating Time Constant): Total Rotating Inertia H: KVA PU

Phase: Single Phase Three Phase

Frame Size: Design Letter: Temp. Rise: °C

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 **Small Generator Facility Distribution Interconnection**

Interconnection Feasibility Study Agreement

This agreement is entered into as of _____, 20____, is by and between _____, ("Interconnection Applicant") and Montana Dakota Utilities Co., a Division of MDU Resources Group, Inc., hereinafter referred to as "Montana-Dakota", with principal offices at 400 North Fourth Street, Bismarck, North Dakota 58501.

Applicant and Montana-Dakota each may be referred to as a "Party," or collectively as the "Parties."

Recitals:

Whereas, The Applicant is proposing to develop a Small Generating Facility or adding generating capacity to an existing Small Generating Facility consistent with the Application completed by Interconnection Applicant on _____; and

Whereas, The Interconnection Applicant desires to interconnect the Small Generating Facility with Montana-Dakota's Electric Distribution System ("EDS"); and

Whereas, The Interconnection Applicant has requested Montana-Dakota to perform an Interconnection Feasibility Study to assess the feasibility of interconnecting the proposed Small Generating Facility to Montana-Dakota's Electric 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 the terms, with initial capitalization, specified shall have the meanings indicated within the Agreement.
2. The Interconnection Applicant requests and Montana-Dakota shall cause to be performed an Interconnection Feasibility Study consistent with the Montana-Dakota Small Generator Facility Interconnection Rules and the Administrative Rules of Montana Rule 38.5.
3. Montana-Dakota and the Interconnection Applicant will provide any additional rules, assumptions, or information affecting the scope of the Interconnection Feasibility Study as Attachment "A" attached to this agreement.
4. The Interconnection Feasibility Study shall be based on the technical information provided by the Interconnection Applicant in its Application, as may be modified as the result of the Scoping Meeting. Montana-Dakota reserves the right to request additional technical information from the Interconnection Customer as reasonably becomes necessary consistent with Good Utility Practice during the course of the Interconnection Feasibility

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Small Generator Facility Distribution Interconnection

Study. If, in the course of the Study, the Interconnection Applicant finds it necessary to modify the Application, the time to complete the Interconnection Feasibility Study may be extended by mutual agreement of the Parties.

5. In performing the study, Montana-Dakota will rely, to the extent reasonably practicable, on existing studies of recent vintage. The Applicant will not be charged for such existing studies.

6. The Feasibility Study and Report will include the following analyses necessary for the purpose of identifying a potential adverse system impact to Montana-Dakota's Electric Distribution System that would result from the proposed interconnection:

- i. Initial identification of any circuit breaker short circuit capability limits exceeded as a result of the Interconnection;
- ii. Initial identification of any thermal overload or voltage limit violations resulting from the interconnection;
- iii. Initial review of grounding requirements and system protection; and
- iv. A Description and non-binding estimated cost of facilities required to interconnect the Small Generator Facility to Montana-Dakota's Electric Distribution System in a safe and reliable manner.

7. The Interconnection Feasibility Study shall be completed and the results transmitted to the Interconnection Applicant within 30 business days from the execution of this agreement by the parties. If Montana-Dakota is unable to complete the Feasibility Study Report within the 30-business day timeline, the company will notify the Interconnection Applicant with an explanation of the delay and a time line of the expected completion.

8. The Interconnection Applicant is responsible for the Feasibility Study costs. The study cost shall be based on the company's actual costs and will be invoiced to the Interconnection Applicant upon delivery of the Feasibility Study Report. The Interconnection Applicant shall pay Montana-Dakota within 30 calendar days of receipt of the invoice or resolution of any dispute.

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 **Small Generator Facility Distribution Interconnection**

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:

For Montana-Dakota;

Name (Printed): _____

Signed: _____

Title: _____

Date: _____

[Insert name of Applicant]

Name (Printed): _____

Signed: _____

Title: _____

Date: _____

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Small Generator Facility Distribution Interconnection

Attachment "A"

Note: Include any additional specification or study assumptions in regard to a scoping meeting, or agreed upon details between the parties.

Scoping Meeting Date: _____

Interconnection Feasibility Study Estimated Cost: \$ _____

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 **Small Generator Facility Distribution Interconnection**

Interconnection System Impact Study Agreement

This agreement is entered into as of _____, 20____, is by and between _____, ("Interconnection Applicant") and Montana Dakota Utilities Co., a Division of MDU Resources Group, Inc., hereinafter referred to as "Montana-Dakota", with principal offices at 400 North Fourth Street, Bismarck, North Dakota 58501.

Applicant and Montana-Dakota each may be referred to as a "Party," or collectively as the "Parties."

Recitals:
Whereas, The Applicant is proposing to develop a Small Generating Facility or adding generating capacity to an existing Small Generating Facility consistent with the Application completed by Interconnection Applicant on _____; and
Whereas, The Interconnection Applicant desires to interconnect the Small Generating Facility with Montana-Dakota's Electric Distribution System ("EDS"); and
Whereas, Montana-Dakota has completed a Small Generator Interconnection Feasibility Study and provided the results in the form of a Report to the Interconnection Applicant or the Feasibility Study was waived by mutual agreement of the Parties; and
Whereas, The Interconnection Applicant has requested Montana-Dakota to perform an Interconnection System Impact Study to assess the impact of interconnecting the proposed Small Generating Facility to Montana-Dakota's Electric 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 the terms, with initial capitalization, specified shall have the meanings indicated within the Agreement.
2. The Interconnection Applicant requests and Montana-Dakota shall cause to be performed an Interconnection System Impact Study consistent with the Montana-Dakota Small Generator Facility Interconnection Rules and the Administrative Rules of Montana Rule 38.5.
3. Montana-Dakota and the Interconnection Applicant will provide any additional rules, assumptions, or information affecting the scope of the Interconnection System Impact Study as Attachment "A" and attached to this agreement.

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Small Generator Facility Distribution Interconnection

4. The Interconnection System Impact Study shall be based on the technical information provided by the Interconnection Applicant in its Application, results of the Feasibility Study Report (if performed), and any information agreed upon as a result of the Scoping Meeting. Montana-Dakota reserves the right to request additional technical information from the Interconnection Customer as reasonably becomes necessary consistent with Good Utility Practice during the course of the System Impact Study. If, in the course of the Study, the Interconnection Applicant finds it necessary to modify the Application Information or the technical information, the time to complete the Interconnection System Impact Study may have to be extended.

5. In performing the study, Montana-Dakota will rely, to the extent reasonably practicable, on existing studies of recent vintage. The Applicant will not be charged for such existing studies.

6. The System Impact Study will include the following detailed analyses necessary for the purpose of identifying a potential adverse system impact to Montana-Dakota's Electric Distribution System that would result from the proposed interconnection:

- i. Short Circuit Analysis
- ii. A Power Flow Analysis
- iii. Verification of Interruption Equipment Ratings
- iv. Protection Coordination Study
- v. Voltage Drop and Flicker Study
- vi. Effective Grounding Review
- vii. System Stability Analysis
- viii. Review of Set Points of Certified Equipment
- ix. A Review of the Interconnection Impact on the EDS Operations.

7. The System Impact Study Report shall state the assumptions upon which it is based, state the results of the analyses, indicate any interconnection requirements or impediments, and will include preliminary changes and costs required to the Montana-Dakota Electric Distribution System in order to implement the Interconnection request. The System Impact Study preliminary changes and costs will include a list of facilities and changes that are required as a result of the Interconnection request and a non-binding good faith estimate of cost responsibility and time to construct.

8. The Interconnection System Impact Study shall be completed and the results transmitted to the Interconnection Applicant within 45 business days from the execution of this agreement by the parties. If Montana-Dakota is unable to complete the Interconnection System Impact Study within the 45-business day timeline, the company will notify the Interconnection Applicant with an explanation of the delay and a time line of the expected completion.

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 **Small Generator Facility Distribution Interconnection**

9. The Interconnection Applicant is responsible for the Interconnection System Impact Study costs. The Study cost shall be based on the company's actual costs and will be invoiced to the Interconnection Applicant upon delivery of the Interconnection System Impact Study Report. The Interconnection Applicant shall pay Montana-Dakota within 30 calendar days of receipt of the invoice or resolution of any dispute.

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:

For Montana-Dakota;

Name (Printed): _____

Signed: _____

Title: _____

Date: _____

[Insert name of Applicant]

Name (Printed): _____

Signed: _____

Title: _____

Date: _____

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Attachment "A"

Note: Include any additional specification or study assumptions, in regards to, a scoping meeting, or agreed upon details between the parties.

Scoping Meeting Date: _____

Interconnection System Impact Study Estimated Cost: \$ _____

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Interconnection Facilities Study Agreement

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Applicant and Montana-Dakota each may be referred to as a "Party," or collectively as the "Parties."

Recitals:

Whereas, The Applicant is proposing to develop a Small Generating Facility or adding generating capacity to an existing Small Generating Facility consistent with the Application completed by Interconnection Applicant on _____; and

Whereas, The Interconnection Applicant desires to interconnect the Small Generating Facility with Montana-Dakota's Electric Distribution System ("EDS"); and

Whereas, Montana-Dakota has completed a Small Generator Interconnection System Impact Study and provided the results in the form of a Report to the Interconnection Applicant; and

Whereas, The Interconnection Applicant has requested Montana-Dakota to perform an Interconnection Facilities Study to list and provide estimate for all the costs and timing of system changes to implement the conclusions of the Interconnection System Impact Study in order to safely interconnect the proposed small generator to the Electric Distribution System. This estimate would include any distribution equipment, metering equipment, operational impacts, or other costs associated with the operation of the new proposed interconnection on the Montana-Dakota Electric 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 the terms, with initial capitalization, specified shall have the meanings indicated within the agreement.
2. The Interconnection Applicant requests and Montana-Dakota shall cause to be performed an Interconnection Facility Study consistent with the Montana-Dakota Small Generator Facility Interconnection Rules and the Administrative Rules of Montana Rule 38.5.

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Small Generator Facility Distribution Interconnection

3. Montana-Dakota and the Interconnection Applicant will provide any additional rules, assumptions, or information specific to or affecting the Interconnection Facilities Study as Attachment "A" and filed with this agreement.

4. The Interconnection Facilities Study shall include a detailed specification and listing of any system equipment, metering equipment, operational costs (including overheads), or other costs (including overheads) required to safely interconnect the proposed small generator interconnection to the Montana-Dakota Electric Distribution System. Details of the Interconnection Facilities Study Report will include a listing of the required equipment, the electrical configuration of the Interconnection system estimate, an estimate of the specific costs of each item, and the estimate of the timing required to performing the system changes estimated for the interconnection.

5. The Interconnection Facilities Study shall be completed and the results transmitted to the Interconnection Applicant within 45 business days from the execution of this agreement by the parties. If Montana-Dakota is unable to complete the Facilities Study Report within the 45-business day timeline, the company will notify the Interconnection Applicant with an explanation of the delay and a time line of the expected completion.

6. The Interconnection Applicant is responsible for the Interconnection Facilities Study costs. The study cost shall be based on the company's actual costs and will be invoiced to the Interconnection Applicant upon delivery of the Interconnection Facilities Study Report. The Interconnection Applicant shall pay Montana-Dakota within 30 calendar days of receipt of the invoice or resolution of any dispute.

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Effective with service rendered on and
after October 1, 2023



Montana-Dakota Utilities Co.

400 N 4th Street
Bismarck, ND 58501

State of Montana Electric Rate Schedule

Volume No. 5
Original Sheet No. 48.52

SMALL GENERATOR FACILITY DISTRIBUTION INTERCONNECTION RULES AND PROCEDURES Rate 96

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 **Small Generator Facility Distribution Interconnection**

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:

For Montana-Dakota;

Name (Printed): _____

Signed: _____

Title: _____

Date: _____

[Insert name of Applicant]

Name (Printed): _____

Signed: _____

Title: _____

Date: _____

Montana Dakota Utilities Co. Revision Date: June 28, 2018

Issued: November 4, 2022

By: Travis R. Jacobson
Director – Regulatory Affairs

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Small Generator Facility Distribution Interconnection

Attachment "A"

Note: Include any additional specification or study assumptions, in regards to, a scoping meeting, Feasibility Study, System Impact Study, or agreed upon details between the parties.

Scoping Meeting Date: _____

Interconnection Facilities Study Estimated Cost: \$ _____

Montana Dakota Utilities Co.

Revision Date: June 28, 2018

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Interconnection Agreement for Small Distribution Generator Facility Level 1, Level 2, Level 3, or Level 4 Interconnection (10 MW or smaller located in the State of Montana)

This Interconnection Agreement ("Interconnection Agreement" or "Agreement") is entered into effective as of [Click or tap to enter a date.](#), ("Effective Date") by and between [Click or tap here to enter the name of the Applicant for this Interconnection Agreement.](#), ("Applicant") and Montana-Dakota Utilities Co., a Division of MDU Resources Group, Inc., hereinafter referred to as "Montana-Dakota", with principal offices at 400 North Fourth Street, Bismarck, North Dakota 58501.

Applicant and Montana-Dakota each may be referred to as a "Party," or collectively as the "Parties."

Recitals:

Whereas, the Applicant is proposing to develop a Small Generator Facility, or to add generating capacity to an existing Small Generator Facility, consistent with the Application completed on [Click or tap to enter a date.](#);

Whereas, the Applicant desires to interconnect the Small Generator Facility with the Montana-Dakota's Electric Distribution System ("EDS"); and

Whereas, the Agreement shall be used for all approved Level 1, Level 2, Level 3, and Level 4 Applications according to the terms and procedures set forth in Montana-Dakota's Small Generator Facility Distribution Interconnection Rules and Procedures Rate 96 tariff (Rate 96). Terms with initial capitalization, when used in this Agreement, shall have the meanings given in Rate 96 and, to the extent this Agreement conflicts with Rate 96, the Rate 96 tariff shall take precedence.

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

Article 1. **Scope and Limitations of Agreement**

1.1 **Scope**

The Agreement establishes standard terms and conditions approved by the Montana Public Service Commission (the "Commission") under which the Small Generator Facility with a Name Plate Capacity of 10 MW or smaller will interconnect to, and operate in Parallel with Montana-Dakota's EDS. Additions, deletions, or changes to the standard terms and conditions of an Interconnection Agreement will not be permitted unless they are mutually agreed to by the Parties and approved by the Commission if required by Rate 96.

1.2 **Power Purchase**

The Agreement does not constitute an agreement to purchase or deliver the Applicant's power nor does it constitute an electric service agreement.

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Interconnection Agreement for Small Distribution Generator Facility Level 1, Level 2, Level 3, or Level 4 Interconnection (10 MW or smaller located in the State of Montana)

1.2.1 Other Agreements.

Nothing in the Interconnection Agreement is intended to affect any other agreement between the Montana-Dakota and the Applicant or another Interconnection Customer. However, in the event that the provisions of the Agreement are in conflict with the provisions of other Montana-Dakota tariffs, the Montana-Dakota tariff shall control.

1.3 Attachments to Interconnection Agreement

An Operations and Maintenance Schedule shall be attached to the Interconnection Agreement and the Applicant shall adhere to that schedule. Either Party may require that any of the following addendums be included as part of the Interconnection Agreement:

- (A) Copy of the Interconnection Application
- (B) Description of the project;
- (C) a Billing Schedule;
- (D) a List of non-binding milestones for each party;
- (E) Scope of Work;
- (F) Operational Guidelines; and
- (G) List of Major Permits needed by the Applicant.
- (H) Assignment Acknowledgement Agreement

1.4 Responsibilities of the Parties

The Parties shall perform all obligations of the Agreement in accordance with all applicable laws and rules.

The Applicant will construct, own, operate, and maintain its Small Generator Facility in accordance with the Agreement, the IEEE Standard 1547-2003 version, the most currently adopted National Electric Code, state and federal law, and all other applicable standards required by the Commission. Each Party shall be responsible for the safe installation, maintenance, repair, and condition of their respective lines and appurtenances on their respective sides of the Point of Interconnection. Each Party shall provide Interconnection Facilities that adequately protect the other Parties' facilities, personnel, and other persons from damage and personal injury.

To the extent applicable, the allocation of responsibility for the design, installation, operation, maintenance, and ownership of Interconnection Facilities shall be as prescribed in Rate 96.

1.5 Parallel Operation and Maintenance Obligations

Once the Small Generator Facility has been authorized to commence Parallel Operation by execution of the Interconnection Agreement, the Applicant will abide by all written provisions for operation and maintenance as required by Montana-Dakota.

1.6 Power Quality

The Applicant will design its Small Generator Facility to maintain a composite

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Interconnection Agreement for Small Distribution Generator Facility Level 1, Level 2, Level 3, or Level 4 Interconnection (10 MW or smaller located in the State of Montana)

power delivery at continuous rated power output at the Point of Interconnection that meets the requirements set forth in IEEE 1547. Any special operating requirements will be detailed in an attached form. Under no circumstances shall these additional requirements for voltage or reactive power support exceed the normal operating capabilities of the Small Generator Facility.

Article 2. Inspection, Testing, Authorization, and Right of Access

2.1 Testing and Inspection

Applicant will test and inspect its Small Generator Facility and Interconnection Facilities prior to interconnection in accordance with IEEE 1547 Standards as provided for in Rate 96. The Interconnection will not be final until the Witness test and certificate of completion provisions in Rate 96 have been satisfied or waived in accordance with Rate 96.

To the extent that an Applicant decides to conduct interim testing of the Small Generator Facility prior to the witness test, it may request that the Montana-Dakota observe these tests and that these tests be deleted from the final witness test. If Montana-Dakota sends qualified personnel to the Small Generator Facility to observe such interim testing, it will be doing so at the Company's own expense.

2.2 Right of Access:

Montana-Dakota will have access to the Applicant's premises, at no cost, for any reasonable purpose in connection with the Interconnection Application, the Interconnection Agreement, or if necessary to meet the legal obligation to provide service to its customers. Access will be requested at reasonable hours and upon reasonable notice, or at any time without notice in the event of an emergency, hazardous condition, or violation of the terms of this agreement.

Article 3. Effective Date, Term, Termination, and Disconnection

3.1 Effective Date

The Agreement shall become effective upon the Effective Date stated in the introductory paragraph.

3.2 Term of Agreement

The Agreement will be effective on the Effective Date and will remain in effect for a period of twenty (20) years or another period mutually agreed to by Parties in a written amendment, unless terminated earlier by default of either Party, voluntary termination by the Interconnection Customer, or by action of the Commission.

3.3 Termination

The Applicant may terminate this Agreement at any time by giving Montana-Dakota twenty (20) business days written notice. Either Party may terminate

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this Agreement pursuant to Section 5.6.2 after default by the other Party. The Commission may order termination of this Agreement. Upon termination of this Agreement, the Small Generator Facility will be disconnected from Montana-Dakota's EDS at the Applicant's expense. The termination of this Agreement will not relieve either Party of its liabilities and obligations, owed or continuing at the time of the termination. The provisions of this Article shall survive termination or expiration of this Agreement.

3.4 Restoration of Interconnection When Disconnected

The Parties shall cooperate with each other to restore the Small Generator Facility, Interconnection Facilities, and Montana-Dakota's EDS to their normal operating state as soon as reasonably practicable following any disconnection pursuant to the rules.

Article 4. Cost Responsibility and Billing

The Applicant is responsible for the application fee, cost of studies, and for such facilities, equipment, modifications, and upgrades identified under the process prescribed in Rate 96.

4.1 Minor EDS Modifications

The Applicant will bear the costs of making minor modifications to Montana-Dakota's EDS as may be necessary to gain approval of an Application.

4.2 Interconnection Facilities (Company Owned)

When necessary under the process prescribed in Rate 96, Montana-Dakota will identify the interconnection facilities ("Interconnection Facilities") necessary to safely interconnect the Small Generator Facility with the EDS. Montana-Dakota will itemize the Interconnection Facilities for the Applicant, including the cost of the facilities and the time required to build and install those facilities. The Applicant is responsible for the cost of the operational changes or physical additions to the Company-owned Interconnection Facilities.

4.3 Interconnection Equipment (Customer Owned)

The Applicant is responsible for all costs associated with the installation, operation and maintenance of the interconnection equipment not owned by the Company.

4.4 System Upgrades

Montana-Dakota will design, procure, construct, install, and own any System Upgrades under the process prescribed in Rate 96 when applicable. The actual cost of the System Upgrades, including overheads, will be directly assigned to the Applicant. An Interconnection Customer may be entitled to financial compensation from other utility Interconnection Customers who, in the future, benefit from the System Upgrades paid for by the Interconnection Customer. Such compensation will be governed by separate rules promulgated by the

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Commission or by terms of a tariff filed and approved by the Commission. Such compensation will only be available to the extent provided for in the separate rules or tariff.

4.5 Adverse System Impact

Montana-Dakota is responsible for identifying adverse system impacts on any affected systems and for determining what mitigation activities or upgrades may be required to accommodate a Small Generator Facility. The actual cost of any actions taken to address the Adverse System Impacts, including overheads, shall be directly assigned to the Applicant. The Applicant may be entitled to financial compensation from other utility Interconnection Customers or other Interconnection Customers who, in the future, utilize the upgrades paid for by the Applicant, to the extent provided by a tariff or a separate Commission rule or order.

4.6 Billing

Montana-Dakota may require a deposit up to 50% of the cost estimate to be paid up front by the Applicant, for the studies, interconnection facilities, system upgrades, or other costs associated with the interconnection request. Progress billing, final billing, and payment schedules must be agreed to by the Parties prior to commencing work. The Billing Schedule should be attached to the agreement as "Attachment C" as needed.

Article 5. Assignment, Liability, Indemnity, Force Majeure, Consequential Damages, and Default

5.1 Assignment

The Interconnection Agreement may be assigned by either Party upon fifteen (15) business days prior written notice. Except as provided in Articles 5.1.1 and 5.1.2, said assignment shall only be valid upon the prior written consent of the non-assigning Party, which consent shall not be unreasonably withheld.

5.1.1 Either Party may assign the Agreement without the consent of the other Party to any affiliate (which shall include a merger of the Party with another entity), 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.

5.1.2 The Applicant shall have the right to assign the Agreement, without the consent of Montana-Dakota, for collateral security purposes to aid in providing financing for the Small Generator Facility. For Small Generator systems that are integrated into a building facility, the sale of the building or property will result in an automatic transfer of this agreement to the new owner who shall be responsible for complying with the terms and conditions of this Agreement. Attachment (H) can be used to document the assignment of a new owner to an existing facility.

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5.1.3 Any attempted assignment that violates this Article is void and ineffective.

5.2 Limitation of Liability and Consequential Damages

A Party is liable for any loss, cost claim, injury, or expense including reasonable attorney's fees caused by any act or omission in its performance of the provisions of an Interconnection Agreement. Neither Party will seek redress from the other Party in an amount greater than the amount of direct damage actually incurred.

5.3 Indemnity

5.3.1 This provision protects each Party from liability incurred to third parties as a result of carrying out the provisions of the Agreement. Liability under this provision is exempt from the general limitations on liability found in Article 5.2.

5.3.2 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.

5.3.3 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 a 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.

5.3.4 Promptly after receipt by an indemnified person of any claim or notice of the commencement of any action or administrative or legal proceeding or investigation as to which the indemnity provided for in this Article may apply, the indemnified person shall notify the indemnifying party of such fact. Any failure of or delay in such notification shall not affect a Party's indemnification obligation unless such failure or delay is materially prejudicial to the indemnifying party.

5.4 Consequential Damages

With the exception of third party claims, neither Party shall be liable to the other Party, under any provision of the Agreement, for any losses, damages, costs, or expenses for any special, indirect, incidental, consequential, or punitive damages, including but not limited to loss of profit or revenue, loss of the use of equipment, cost of capital, cost of temporary equipment or services, whether based in whole or in part in contract, in tort, including negligence, strict liability, or any other theory of liability; provided, however, that damages for which a Party may be liable to

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the other Party under another agreement will not be considered to be special, indirect, incidental, or consequential damages hereunder.

5.5 Force Majeure

5.5.1 As used in this Agreement, a Force Majeure Event shall mean "any act of God, labor disturbance, act of the public enemy, war, acts of terrorism, insurrection, riot, fire, storm or flood, explosion, breakage or accident to machinery or equipment through no direct, indirect, or contributory act of a Party, any order, regulation or restriction imposed by governmental, military or lawfully established civilian authorities, or any other cause beyond a Party's control. A Force Majeure Event does not include an act of negligence or intentional wrongdoing.

5.5.2 If a Force Majeure Event prevents a Party from fulfilling any obligations under this Agreement, the Party affected by the Force Majeure Event ("Affected Party") shall promptly notify the other Party of the existence of the Force Majeure Event. The notification must specify in reasonable detail the circumstances of the Force Majeure Event, its expected duration, and the steps that the Affected Party is taking to mitigate the effects of the event on its performance. If the initial notification was verbal, it should be promptly followed up with a written notification. The Affected Party shall keep the other Party informed on a continuing basis of developments relating to the Force Majeure Event until the event ends. The Affected Party will be entitled to suspend or modify its performance of obligations under this Agreement (other than the obligation to make payments) only to the extent that the effect of the Force Majeure Event cannot be reasonably mitigated. The Affected Party will use reasonable efforts to resume its performance as soon as possible. The Parties shall immediately report to the Commission should a Force Majeure Event prevent performance of an action required by Rule that the Rule does not permit the Parties to mutually waive.

5.6 Default

5.6.1 No default shall exist where such failure to discharge an obligation (other than the payment of money) is the result of a Force Majeure Event as defined in this Agreement. Upon a default, the non-defaulting Party shall give written notice of such default to the defaulting Party. Except as provided in Article 5.6.2, the defaulting Party shall have sixty (60) calendar days from receipt of the default notice within which to cure such default.

5.6.2 If a default is not cured as provided for in this Article, or if a default is not capable of being cured within the period provided for herein, the non-defaulting Party shall have the right to terminate the Agreement by written notice, and be relieved of any further obligation hereunder and, whether or not that Party terminates the Agreement, to recover from the defaulting Party all amounts due hereunder, plus all other damages and remedies to which it is entitled at law or in equity. Alternately, the non-

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defaulting Party shall have the right to seek dispute resolution with the Commission in lieu of termination. The provisions of this Article will survive termination of the Agreement.

Article 6. Insurance

At all times during this Agreement, each Party shall obtain and maintain the following insurance:

General Liability Insurance with limits not less than \$1,000,000. Limits may be met in combination of both primary and umbrella/excess policies. Upon signing the Agreement, each Party shall furnish to the other Party certificates of insurance as evidence showing that the insurance policy(s) to be carried in accordance with this provision have been obtained. All insurance to be carried pursuant to the above shall be endorsed to require 30 day written notice prior to effective date of any modification or cancellation of such insurance to the certificate holder, unless such cancellation is due to non-payment, then 10 day written notice is required.

Article 7. Dispute Resolution

Parties will adhere to the dispute resolution and complaint process in Rate 96.

Article 8. Miscellaneous

8.1 Governing Law, Regulatory Authority, and Rules

The validity, interpretation, and enforcement of the Agreement and each of its provisions shall be governed by the laws of the State of Montana, without regard to its conflicts of law principles. The Agreement is subject to all applicable laws. Each Party expressly reserves the right to seek changes in, appeal, or otherwise contest any laws, orders, or regulations of a governmental authority.

8.2 Amendment

The Parties may mutually agree to amend the Agreement by a written instrument duly executed by both Parties in accordance with provisions of Rate 96 and applicable Commission Orders and provisions of the laws of the State of Montana.

8.3 No Third-Party Beneficiaries

The Agreement is not intended to and does not create rights, remedies, or benefits of any character whatsoever in favor of any persons, corporations, associations, or entities other than the Parties, and the obligations herein assumed are solely for the use and benefit of the Parties, their successors in interest, and, where permitted, their assigns.

8.4 Waiver

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- 8.4.1 The failure of a Party to the Agreement to insist, on any occasion, upon strict performance of any provision of the Agreement will not be considered a waiver of any obligation, right, or duty of, or imposed upon, such Party.
- 8.4.2 The Parties may agree to mutually waive a section of this Agreement so long as prior Commission approval of the waiver is not required by Rate 96.
- 8.4.3 Any waiver at any time by either Party of its rights with respect to the Agreement shall not be deemed a continuing waiver or a waiver with respect to any other failure to comply with any other obligation, right, or duty of the Agreement. Any waiver of the Agreement shall, if requested, be provided in writing.

8.5 Entire Agreement

The Interconnection Agreement, including any supplementary form attachments that may be necessary, constitutes the entire Agreement between the Parties with reference to the subject matter hereof, and supersedes all prior and contemporaneous understandings or agreements, oral or written, between the Parties with respect to the subject matter of the Agreement. There are no other agreements, representations, warranties, or covenants that constitute any part of the consideration for, or any condition to, either Party's compliance with its obligations under the Agreement.

8.6 Multiple Counterparts

The Agreement may be executed in two or more counterparts, each of which is deemed an original but all constitute one and the same instrument.

8.7 No Partnership

The Agreement will not be interpreted or construed to create an association, joint venture, agency relationship, or partnership between the Parties or to impose any partnership obligation or partnership liability upon either Party. Neither Party shall have any right, power, or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other Party.

8.8 Severability

If any provision or portion of the Agreement shall for any reason be held or adjudged to be invalid or illegal or unenforceable by any court of competent jurisdiction or other governmental authority: (1) such portion or provision shall be deemed separate and independent; (2) the Parties shall negotiate in good faith to restore insofar as practicable the benefits to each Party that were affected by such ruling; and (3) the remainder of the Agreement shall remain in full force and effect.

8.9 Subcontractors

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Nothing in the Agreement shall prevent a Party from utilizing the services of any subcontractor, or designating a third party agent as one responsible for a specific obligation or act required in the Agreement (collectively subcontractors), as it deems appropriate to perform its obligations under the Agreement; provided, however, that each Party will require its subcontractors to comply with all applicable terms and conditions of the Agreement in providing such services and each Party will remain primarily liable to the other Party for the performance of such subcontractor.

8.9.1 The creation of any subcontract relationship shall not relieve the hiring Party of any of its obligations under the Agreement. The hiring Party shall be fully responsible to the other Party for the acts or omissions of any subcontractor the hiring Party hires as if no subcontract had been made. Any applicable obligation imposed by the Agreement upon the hiring Party shall be equally binding upon, and will be construed as having application to, any subcontractor of such Party.

8.9.2 The obligations under this Article will not be limited in any way by any limitation of subcontractor's insurance.

8.10 Reservation of Rights

Either Party will have the right to make a unilateral filing with the Commission to modify the Interconnection Agreement. This reservation of rights provision includes, but is not limited to, modifications with respect to any rates, terms, and conditions, charges, classification of service, tariff, or any applicable State or Federal law or regulation. Each Party shall have the right to protest any such filing and to participate fully in any proceeding before the Commission in which such modifications may be considered.

Article 9. Notices

9.1 General

Unless otherwise provided in the Agreement, any written notice, demand, or request required or authorized in connection with the Agreement shall be deemed properly given if delivered in person, delivered by recognized national courier service, or sent by first class mail, postage prepaid, to the persons specified below:

If to the Interconnection Applicant:

Attention: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ E-mail: _____

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If to Montana-Dakota:

Montana Dakota Utilities Company

Attention: _____

400 North Fourth Street
Bismarck, North Dakota 58501
Phone 1-800-638-3278

9.2 Billing and Payment

Billings and payments shall be sent to the addresses set out below:

If to the Interconnection Applicant:

Attention: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ E-mail: _____

If to Montana-Dakota:

Montana Dakota Utilities Company

Attention: _____

400 North Fourth Street
Bismarck, North Dakota 58501
Phone 1-800-638-3278

9.3 Designated Operating Representative

The Parties will designate operating representatives to conduct the communications which may be necessary or convenient for the administration of the operations provisions of the Agreement. This person or persons will also serve as the point of contact with respect to operations and maintenance of the Party's facilities:

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Montana-Dakota Utilities Co.

400 N 4th Street
Bismarck, ND 58501

State of Montana Electric Rate Schedule

Volume No. 5
Original Sheet No. 48.65

SMALL GENERATOR FACILITY DISTRIBUTION INTERCONNECTION RULES AND PROCEDURES Rate 96

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Interconnection Agreement for Small Distribution Generator
Facility Level 1, Level 2, Level 3, or Level 4 Interconnection
(10 MW or smaller located in the State of Montana)

If to the Interconnection Applicant:

Attention: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ E-mail: _____

If to Montana-Dakota:

Montana Dakota Utilities Company
Attention: _____

400 North Fourth Street
Bismarck, North Dakota 58501
Phone 1-800-638-3278

9.4 Changes to the Notice Information

Either Party may change this notice information by giving five business days written notice prior to the effective date of the change.

Article 10 Signatures

IN WITNESS WHEREOF, the Parties have caused the Agreement to be executed by their respective duly authorized representatives.

<u>Montana-Dakota</u>	<u>Interconnection Applicant</u>
Name: _____	Name: _____
Title: _____	Title: _____
Signature: _____	Signature: _____
Date: _____	Date: _____

Issued: November 4, 2022

By: Travis R. Jacobson
Director – Regulatory Affairs

For Office Use Only – Do Not Print Below This Line

Docket No. 2022.11.099
Order No. 7876f

Effective with service rendered on and
after October 1, 2023



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Interconnection Agreement for Small Distribution Generator
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ADDENDUM "H" ASSIGNMENT ACKNOWLEDGEMENT AGREEMENT

APPLICATION SCOPE: For a Small Generator System that is incorporated into a building facility that has a current active Interconnection Agreement for Small Distribution Generator Facility approved by Montana Dakota Utilities Company. The Small Distribution Generator Facility Agreement will automatically transfer to the new owner upon the sale of the property and completion of this Assignment Acknowledgement Agreement by the New Owner-Operator. A copy of the original Interconnection Agreement will be sent to the New Owner-Operator for the purpose of this agreement.

Recitals:

Whereas, an existing Small Distribution Generator Facility is located at: _____

_____ (the "Property"), and operates pursuant to an Interconnection

Agreement for Small Distribution Generator Facility dated the ____ day of _____,

20____ (the "Agreement") with Montana-Dakota Utilities Company, a Division of MDU Resources

Group, Inc., hereinafter referred to as "Montana-Dakota", with principal offices at 400 North Fourth

Street, Bismarck, North Dakota 58501.

Whereas, a new owner has purchased the "Property" and desires to operate the Small Generator System under the same requirements set forth in the "Agreement".

Whereas, a copy of the original Interconnection Agreement is attached to this Acknowledgement Agreement.

AGREEMENT

Now, therefore, the New Owner-Operator is assigned and assumes all rights and obligations under the "Agreement".

Montana-Dakota - Acknowledgement

New Owner-Operator

Name: _____

Name: _____

Title: _____

Title: _____

Signature: _____

Signature: _____

Date: _____

Date: _____

Issued: November 4, 2022

By: Travis R. Jacobson
Director – Regulatory Affairs

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