



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT – LEVEL 1: STANDARD INTERCONNECTION AGREEMENT

Terms and Conditions for Interconnection

1. Construction of the Distributed Generation Facility. The interconnection customer may proceed to construct (including operational testing not to exceed 2 hours) the distributed generation facility, once the conditional Agreement to interconnect a distributed generation facility has been signed by MidAmerican.
2. Final Interconnection and Operation. The interconnection customer may operate the distributed generation facility and interconnect with MidAmerican's electric distribution system after all of the following have occurred:
 - a. Electrical Inspection: Upon completing construction, the interconnection customer shall cause the distributed generation facility to be inspected by the local electrical inspection authority, who shall establish that the distributed generator facility meets local code requirements.
 - b. Certificate of Completion: The interconnection customer shall provide MidAmerican with a copy of the Certificate of Completion with all relevant and necessary information fully completed by the interconnection customer, as well as an inspection form from the local electrical inspection authority demonstrating that the distributed generation facility passed inspection.
 - c. MidAmerican has completed its witness test as per the following:
 - i. The interconnection customer shall provide MidAmerican at least 15 business days notice of the planned commissioning test for the distributed generation facility. Within 10 business days after the commissioning test, MidAmerican may, upon reasonable notice and at a mutually convenient time, conduct a witness test of the distributed generation facility to ensure that all equipment has been appropriately installed and operating as designed and in accordance with the requirements of IEEE 1547.

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT – LEVEL 1: STANDARD INTERCONNECTION AGREEMENT (continued)

- ii. If MidAmerican does not perform the witness test within the 10 business days after the commissioning test or such other time as is mutually agreed to by the Parties, the witness test is deemed waived, unless MidAmerican cannot do so for good cause. In these cases, upon MidAmerican request, the interconnection customer shall agree to another date for the test within 10 business days after the original scheduled date.

- 3. IEEE 1547. The distributed generation facility shall be installed, operated and tested in accordance with the requirements of The Institute of Electrical and Electronics Engineers, Inc. (IEEE), 3 Park Avenue New York, NY 10016-5997, Standard 1547 (2003) "Standard for Interconnecting Distributed Resources with Electric Power Systems," as well as any applicable federal, state, or local laws, regulations, codes, ordinances, orders, or similar directives of any government or other authority having jurisdiction.

- 4. Access. MidAmerican must have access to the isolation device or disconnect switch and metering equipment of the distributed generation facility at all times. When practical, MidAmerican shall provide 5 business days notice to the customer prior to using its right of access.

- 5. Metering. Any required metering shall be installed pursuant to MidAmerican's metering rules filed with the Illinois Commerce Commission.

- 6. Disconnection. MidAmerican may disconnect the distributed generation facility upon any of the following conditions, but must reconnect the distributed generation facility once the condition is cured:
 - a. For scheduled outages, provided that the distributed generation facility is treated in the same manner as MidAmerican's load customers;
 - b. For unscheduled outages or emergency conditions;
 - c. If the distributed generation facility does not operate in a manner consistent with this Agreement;

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT – LEVEL 1: STANDARD INTERCONNECTION AGREEMENT (continued)

- d. Improper installation or failure to pass the witness test;
 - e. If the distributed generation facility is creating a safety, reliability, or power quality problem;
 - f. The interconnection equipment used by the distributed generation facility is de-listed by the Nationally Recognized Testing Laboratory that provided the listing at the time the interconnection was approved;
7. Indemnification. The interconnection customer shall indemnify and defend MidAmerican and MidAmerican's directors, officers, employees, and agents from all claims, damages and expenses, including reasonable attorney's fees, to the extent resulting from the interconnection customer's negligent installation, operation, modification, maintenance, or removal of its distributed generation facility or interconnection facilities, or the interconnection customer's willful misconduct or breach of this Agreement. MidAmerican shall indemnify and defend the interconnection customer and the interconnection customer's directors, officers, employees, and agents from all claims, damages, and expenses, including reasonable attorney's fees, to the extent resulting from MidAmerican's negligent installation, operation, modification, maintenance, or removal of its interconnection facilities or electric distribution system, or MidAmerican's willful misconduct or breach of this Agreement.
8. Insurance. The interconnection customer shall provide MidAmerican with proof that it has a current homeowner's insurance policy, or other general liability policy, and, when possible, the interconnection customer shall name M as an additional insured on its homeowner's insurance policy, or similar policy covering general liability.

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT – LEVEL 1: STANDARD INTERCONNECTION AGREEMENT (continued)

9. Limitation of Liability. Each Party's liability to the other Party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this Agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either Party be liable to the other Party for any indirect, incidental, special, consequential, or punitive damages of any kind whatsoever.
10. Termination. This Agreement will remain in effect until terminated and may be terminated under the following conditions:
 - a. By interconnection customer - The interconnection customer may terminate this interconnection agreement by providing written notice to MidAmerican. If the interconnection customer ceases operation of the distributed generation facility, the interconnection customer must notify MidAmerican.
 - b. By MidAmerican - MidAmerican may terminate this Agreement without liability to the interconnection customer if the interconnection customer fails to remedy a violation of terms of this Agreement within 30 calendar days after notice, or such other date as may be mutually agreed to in writing prior to the expiration of the 30 calendar day remedy period. The termination date may be no less than 30 calendar days after the interconnection customer receives notice of its violation from MidAmerican.
11. Modification of Distributed Generation Facility. The interconnection customer must receive written authorization from MidAmerican before making any changes to the distributed generation facility that could affect MidAmerican's distribution system. If the interconnection customer makes such modifications without MidAmerican's prior written authorization, MidAmerican shall have the right to disconnect the distributed generation facility.

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT – LEVEL 1: STANDARD INTERCONNECTION AGREEMENT (continued)

12. Permanent Disconnection. In the event the Agreement is terminated, MidAmerican shall have the right to disconnect its facilities or direct the interconnection customer to disconnect its distributed generation facility.
13. Disputes. Each Party agrees to attempt to resolve all disputes regarding the provisions of this agreement that cannot be resolved between the two Parties pursuant to the dispute resolution provisions found in 83 Ill. Adm. Code 466.130.
14. Governing Law, Regulatory Authority, and Rules. The validity, interpretation and enforcement of this Agreement and each of its provisions shall be governed by the laws of the State of Illinois. Nothing in this Agreement is intended to affect any other agreement between MidAmerican and the interconnection customer.
15. Survival Rights. This Agreement shall remain in effect after termination to the extent necessary to allow or require either Party to fulfill rights or obligations that arose under the Agreement.
16. Assignment/Transfer of Ownership of the Distributed Generation Facility. This Agreement shall terminate upon the transfer of ownership of the distributed generation facility to a new owner unless the transferring owner assigns the Agreement to the new owner, the new owner agrees in writing to the terms of this agreement, and the transferring owner so notifies MidAmerican in writing prior to the transfer of ownership.
17. Definitions. Any term used herein and not defined shall have the same meaning as the defined terms used in 83 Ill. Adm. Code 466 (the Illinois Distributed Generation Interconnection Standard).

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT – LEVEL 1: STANDARD INTERCONNECTION AGREEMENT
(continued)

18. Notice. The Parties may mutually agree to provide notices, demands, comments, or requests by electronic means such as e-mail. Absent agreement to electronic communication, or unless otherwise provided in this Agreement, any written notice, demand, or request required or authorized in connection with this Agreement shall be deemed properly given when receipt is confirmed after notices are delivered in person, delivered by recognized national courier service, or sent by first class mail, postage prepaid, return receipt requested to the person specified below:

If Notice is to Interconnection Customer:

Use the contact information provided in the interconnection customer’s application. The interconnection customer is responsible for notifying MidAmerican of any change in the contact party information, including change of ownership.

If Notice is to MidAmerican:

Use the contact information provided below. MidAmerican is responsible for notifying the interconnection customer of any change in the contact party information.

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Facsimile Number: _____ E-Mail Address: _____

New



SECTION 9 – FORMS AND AGREEMENTS

CERTIFICATE OF COMPLETION

(To be completed and returned to MidAmerican when installation is complete and final electric inspector approval has been obtained – Use contact information provided on MidAmerican’s web page for generator interconnection to obtain mailing address/fax number/e-mail address)

Interconnection Customer Information

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Facsimile Number: _____ E-Mail Address: _____

Installer: _____ Check if owner-installed:

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Facsimile Number: _____ E-Mail Address: _____

New



SECTION 9 – FORMS AND AGREEMENTS

CERTIFICATE OF COMPLETION (continued)

Final Electric Inspection and Interconnection Customer Signature

The distributed generation facility is complete and has been approved by the local electric inspector having jurisdiction. A signed copy of the electric inspector’s form indicating final approval is attached. The interconnection customer acknowledges that it shall not operate the distributed generation facility until receipt of the final acceptance and approval by MidAmerican as provided below.

Signed: _____ Date: _____
(Signature of interconnection customer)

Printed Name: _____

Check if copy of signed electric inspection form is attached: ____
Check if copy of as built documents is attached (projects larger than 10 kVA only): ____

.....
Acceptance and Final Approval for Interconnection (for MidAmerican use only)

The interconnection agreement is approved and the distributed generation facility is approved for interconnected operation upon the signing and return of this Certificate of Completion by MidAmerican:

Electric Distribution Company waives Witness Test? (Initial) Yes (____) No (____)

If not waived, date of successful Witness Test: _____ Passed: (Initial) (____)

MidAmerican Signature: _____ Date: _____

Printed Name: _____ Title: _____

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION REQUEST APPLICATION FORM
(For Distributed Generator Facilities with a capacity of 10 MVA or less)

Interconnection Customer Contact Information

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Facsimile Number: _____ E-Mail Address: _____

Alternative Contact Information (if different from Customer Contact Information)

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Facsimile Number: _____ E-Mail Address: _____

Facility Address (if different from above): _____
City: _____ State: _____ Zip Code: _____
Utility Serving Facility Site: _____
Account Number of Facility Site (existing utility customers): _____
Inverter Manufacturer: _____ Model: _____

Equipment Contractor

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Facsimile Number: _____ E-Mail Address: _____

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION REQUEST APPLICATION FORM
(For Distributed Generator Facilities with a capacity of 10 MVA or less) (continued)

Electrical Contractor (if different from Equipment Contractor)

Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Facsimile Number: _____ E-Mail Address: _____
License Number: _____

Electric Service Information for Customer Facility where Generator will be Interconnected

Capacity: _____ (Amps) Voltage: _____ (Volts)
Type of Service: ___ Single Phase ___ Three Phase

If 3 Phase Transformer, Indicate Type:
Primary Winding ___ Wye ___ Delta
Secondary Winding ___ Wye ___ Delta

Transformer Size: _____ Impedance: _____

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION REQUEST APPLICATION FORM (For Distributed Generator Facilities with a capacity of 10 MVA or less) (continued)

Intent of Generation

- Offset Load (Unit will operate in parallel, but will not export power to MidAmerican)
- Net Metering (Unit will operate in parallel and will export power to MidAmerican pursuant to Illinois net metering and MidAmerican's net metering or net billing tariff)
- Wholesale Market Transaction (Unit will operate in parallel and participate in MISO or other wholesale power markets pursuant to separate requirements and agreements with MISO or other transmission providers, and applicable rules of the Federal Energy Regulatory Commission)
- Back-up Generation (Units that temporarily operate in parallel with the electric distribution system for more than 100 milliseconds)

Note: Backup units that do not operate in parallel for more than 100 milliseconds do not need an interconnection agreement.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION REQUEST APPLICATION FORM
(For Distributed Generator Facilities with a capacity of 10 MVA or less) (continued)

Generator & Prime Mover Information

Energy Source (Hydro, Wind, Solar, Process Byproduct, Biomass, Oil, Natural Gas, Coal, etc.): _____

Energy Converter Type (Wind Turbine, Photovoltaic Cell, Fuel Cell, Steam Turbine, etc.): _____

Generator Size: _____ kW or _____ kVA Number of Units: _____

Total Capacity: _____ kW or _____ kVA

Generator Type (Check one):
 Induction Inverter Synchronous Other: _____

New

Requested Procedure Under Which to Evaluate Interconnection Request

Please indicate below which review procedure applies to the interconnection request. The review procedure used is subject to confirmation by MidAmerican.

- Level 2 – Lab-certified interconnection equipment with an aggregate electric nameplate capacity less than or equal to 2 MVA. Lab-certified is defined in Section 466.30. (Application fee is \$100 plus \$1.00 per kVA.)
- Level 3 – Distributed generation facility does not export power. Nameplate capacity rating is less than or equal to 50 kVA if connecting to area network or less than or equal to 10 MVA if connecting to a radial distribution feeder. (Application fee amount is \$500 plus \$2.00 per kVA.)



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION REQUEST APPLICATION FORM
(For Distributed Generator Facilities with a capacity of 10 MVA or less) (continued)

Level 4 – Nameplate capacity rating is less than or equal to 10 MVA and the distributed generation facility does not qualify for a Level 1, Level 2, or Level 3 review, or the distributed generation facility has been reviewed but not approved under a Level 1, Level 2, or Level 3 review. (Application fee amount is \$1,000 plus \$2.00 per kVA, to be applied toward any subsequent studies related to this application.)

Note: Descriptions for interconnection review categories do not list all criteria that must be satisfied. For a complete list of criteria, please refer to 83 Ill. Adm. Code 466, Electric Interconnection of Distributed Generation Facilities.

Distributed Generation Facility Information:

Commissioning Test Date: _____

List interconnection components/systems to be used in the distributed generation facility that are lab-certified.

Component/System	NRTL Providing Label & Listing
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

Please provide copies of manufacturer brochures or technical specifications.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION REQUEST APPLICATION FORM
(For Distributed Generator Facilities with a capacity of 10 MVA or less) (continued)

Energy Production Equipment/Inverter Information:

Synchronous Induction Inverter Other: _____
Rating: _____ kW Rating: _____ kVA
Rated Voltage: _____ Volts
Rated Current: _____ Amps
System Type Tested (Total System): Yes No; attach product literature

For Synchronous Machines:

Note: Contact MidAmerican to determine if all the information requested in this section is required for the proposed distributed generation facility.

Manufacturer: _____
Model No.: _____ Version No.: _____
Submit copies of the Saturation Curve and the Vee Curve
 Salient Non-Salient
Torque: _____ lb-ft Rated RPM: _____ Field Amperes: _____ at rated
generator voltage and current and _____ % PF over-excited
Type of Exciter: _____
Output Power of Exciter: _____
Type of Voltage Regulator: _____
Locked Rotor Current: _____ Amps Synchronous Speed: _____ RPM
Winding Connection: _____ Min. Operating Freq./Time: _____
Generator Connection: Delta Wye Wye Grounded
Direct-axis Synchronous Reactance: (Xd) _____ ohms
Direct-axis Transient Reactance: (X'd) _____ ohms

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION REQUEST APPLICATION FORM
(For Distributed Generator Facilities with a capacity of 10 MVA or less) (continued)

Direct-axis Sub-transient Reactance: (X"d) _____ ohms
Negative Sequence Reactance: _____ ohms
Zero Sequence Reactance: _____ ohms
Neutral Impedance or Grounding Resister (if any): _____ ohms

For Induction Machines:

Note: Contact MidAmerican to determine if all the information requested in this section is required for the proposed distributed generation facility.

Manufacturer: _____
Model No.: _____ Version No.: _____
Locked Rotor Current: _____ Amps
Rotor Resistance (Rr): _____ ohms Exciting Current: _____ Amps
Rotor Reactance (Xr): _____ ohms Reactive Power Required: _____
Magnetizing Reactance (Xm): _____ ohms _____ VARs (No Load)
Stator Resistance (Rs): _____ ohms _____ VARs (Full Load)
Stator Reactance (Xs): _____ ohms
Short Circuit Reactance (X"d): _____ ohms
Phases: ___ Single ___ Three-Phase
Frame Size: _____ Design Letter: _____ Temp. Rise: _____ °C.

New

Reverse Power Relay Information (Level 3 Review Only):

Manufacturer: _____
Relay Type: _____ Model Number: _____
Reverse Power Setting: _____
Reverse Power Time Delay (if any): _____



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION REQUEST APPLICATION FORM
(For Distributed Generator Facilities with a capacity of 10 MVA or less) (continued)

Additional Information For Inverter-Based Facilities:

Inverter Information:

Manufacturer: _____ Model: _____
Type: Forced Commutated Line Commutated
Rated Output: _____ Watts _____ Volts
Efficiency: _____% Power Factor: _____%
Inverter UL1741 Listed: Yes No

DC Source / Prime Mover:

Rating: _____ kW Rating: _____ kVA
Rated Voltage: _____ Volts
Open Circuit Voltage (if applicable): _____ Volts
Rated Current: _____ Amps
Short Circuit Current (if applicable): _____ Amps

Other Facility Information:

One Line Diagram – A basic drawing of an electric circuit in which one or more conductors are represented by a single line and each electrical device and major component of the installation, from the generator to the point of interconnection, are noted by symbols.

One Line Diagram attached: Yes

Plot Plan – A map showing the distributed generation facility’s location in relation to streets, alleys, or other geographic markers.

Plot Plan attached: Yes

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION REQUEST APPLICATION FORM
(For Distributed Generator Facilities with a capacity of 10 MVA or less) (continued)

Customer Signature:

I hereby certify that all of the information provided in this Interconnection Request Application Form is true.

Applicant Signature: _____

Title: _____ Date: _____

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

Amount: _____

MidAmerican Acknowledgement:

Receipt of the application fee is acknowledged and this interconnection request is complete.

MidAmerican Signature: _____ Date: _____

Printed Name: _____ Title: _____

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less)

This agreement ("Agreement") is made and entered into this ____ day of _____, by and between _____ ("interconnection customer"), as an individual person, or as a _____ organized and existing under the laws of the State of _____, and MidAmerican Energy Company, ("MidAmerican"), a corporation existing under the laws of the State of Illinois. Interconnection customer and MidAmerican each may be referred to as a "Party," or collectively as the "Parties."

Recitals:

Whereas, interconnection customer is proposing to install or direct the installation of a distributed generation facility, or is proposing a generating capacity addition to an existing distributed generation facility, consistent with the interconnection request application form completed by interconnection customer on _____; and

Whereas, the interconnection customer will operate and maintain, or cause the operation and maintenance of, the distributed generation facility; and

Whereas, interconnection customer desires to interconnect the distributed generation facility with MidAmerican's electric distribution system.

Now, therefore, in consideration of the premises and mutual covenants set forth in this Agreement, the Parties covenant and agree as follows:

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 1. Scope and Limitations of Agreement

- 1.1 This Agreement shall be used for all approved interconnection requests for distributed generation facilities that fall under Levels 2, 3, and 4 according to the procedures set forth in Part 466 of the Commission's rules (83 Ill. Adm. Code 466) (referred to as the Illinois Distributed Generation Interconnection Standard).
- 1.2 This Agreement governs the terms and conditions under which the distributed generation facility will interconnect to, and operate in parallel with, MidAmerican's electric distribution system.
- 1.3 This Agreement does not constitute an agreement to purchase or deliver the interconnection customer's power.
- 1.4 Nothing in this Agreement is intended to affect any other agreement between MidAmerican and the interconnection customer.
- 1.5 Terms used in this agreement are defined in Attachment 1 hereto or in Section 466.30 of the Illinois Distributed Generation Interconnection Standard unless otherwise noted.
- 1.6 Responsibilities of the Parties
 - 1.6.1 The Parties shall perform all obligations of this Agreement in accordance with all applicable laws, regulations, codes, ordinances, orders, or similar directives of any government or other authority having jurisdiction.
 - 1.6.2 MidAmerican shall construct, own, operate, and maintain its interconnection facilities in accordance with this Agreement.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 1. Scope and Limitations of Agreement (continued)

1.6.3 The interconnection customer shall construct, own, operate, and maintain its distributed generation facility and interconnection facilities in accordance with this Agreement.

1.6.4 Each Party shall operate, maintain, repair, and inspect, and shall be fully responsible for, the facilities that it now or subsequently may own unless otherwise specified in the attachments to this Agreement. Each Party shall be responsible for the safe installation, maintenance, repair, and condition of its respective lines and appurtenances on its respective sides of the point of interconnection.

1.6.5 The interconnection customer agrees to design, install, maintain, and operate its distributed generation facility so as to minimize the likelihood of causing an adverse system impact on the electric distribution system or any other electric system that is not owned or operated by MidAmerican.

1.7 Parallel Operation Obligations

Once the distributed generation facility has been authorized to commence parallel operation, the interconnection customer shall abide by all operating procedures established in IEEE Standard 1547 and any other applicable laws, statutes or guidelines, including those specified in Attachment 4 of this Agreement.

1.8 Metering

The interconnection customer shall be responsible for the cost to purchase, install, operate, maintain, test, repair, and replace metering and data acquisition equipment specified in Attachments 5 and 6 of this Agreement.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 1. Scope and Limitations of Agreement (continued)

1.9 Reactive Power

- 1.9.1 Interconnection customers with a distributed generation facility larger than or equal to 1 MVA shall design their distributed generation facilities to maintain a power factor at the point of interconnection between 0.95 lagging and 0.95 leading at all times. Interconnection customers with a distributed generation facility smaller than 1 MVA shall design their distributed generation facility to maintain a power factor at the point of interconnection between 0.90 lagging and 0.90 leading at all times.
- 1.9.2 Any MidAmerican requirements for meeting a specific voltage or specific reactive power schedule as a condition for interconnection shall be clearly specified in Attachment 4. Under no circumstance shall MidAmerican's additional requirements for voltage or reactive power schedules be outside of the agreed-upon operating parameters defined in Attachment 4.
- 1.9.3 If the interconnection customer does not operate the distributed generation facility within the power factor range specified in Attachment 4, or does not operate the distributed generation facility in accordance with a voltage or reactive power schedule specified in Attachment 4, the interconnection customer is in default, and the terms of Article 6.5 apply.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 1. Scope and Limitations of Agreement (continued)

1.10 Standards of Operations

The interconnection customer must obtain all certifications, permits, licenses, and approvals necessary to construct, operate, and maintain the facility and to perform its obligations under this Agreement. The interconnection customer is responsible for coordinating and synchronizing the distributed generation facility with MidAmerican's system. The interconnection customer is responsible for any damage that is caused by the interconnection customer's failure to coordinate or synchronize the distributed generation facility with the electric distribution system. The interconnection customer agrees to be primarily liable for any damages resulting from the continued operation of the distributed generation facility after MidAmerican ceases to energize the line section to which the distributed generation facility is connected. In Attachment 4, MidAmerican shall specify the shortest reclose time setting for its protection equipment that could affect the distributed generation facility. MidAmerican shall notify the interconnection customer at least 10 business days prior to adopting a faster reclose time on any automatic protective equipment, such as a circuit breaker or line recloser, that might affect the distributed generation facility.

New

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

2.1 Equipment Testing and Inspection

The interconnection customer shall test and inspect its distributed generation facility including the interconnection equipment prior to interconnection in accordance with IEEE Standard 1547 (2003) and IEEE Standard 1547.1 (2005). The interconnection customer shall not operate its distributed generation facility in parallel with MidAmerican's electric distribution system without prior written authorization by MidAmerican as provided for in Articles 2.1.1-2.1.3.



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 2. Inspection, Testing, Authorization, and Right of Access (continued)

2.1.1 MidAmerican shall perform a witness test after construction of the distributed generation facility is completed, but before parallel operation, unless MidAmerican specifically waives the witness test. The interconnection customer shall provide MidAmerican at least 15 business days notice of the planned commissioning test for the distributed generation facility. If MidAmerican performs a witness test at a time that is not concurrent with the commissioning test, it shall contact the interconnection customer to schedule the witness test at a mutually agreeable time within 10 business days after the scheduled commissioning test designated on the application. If MidAmerican does not perform the witness test within 10 business days after the commissioning test, the witness test is deemed waived unless the Parties mutually agree to extend the date for scheduling the witness test, or unless MidAmerican cannot do so for good cause, in which case, the Parties shall agree to another date for scheduling the test within 10 business days after the original scheduled date. If the witness test is not acceptable to MidAmerican, the interconnection customer has 30 business days to address and resolve any deficiencies. This time period may be extended upon agreement in writing between MidAmerican and the interconnection customer. If the interconnection customer fails to address and resolve the deficiencies to the satisfaction of MidAmerican, the applicable cure provisions of Article 6.5 shall apply. The interconnection customer shall, if requested by MidAmerican, provide a copy of all documentation in its possession regarding testing conducted pursuant to IEEE Standard 1547.1.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 2. Inspection, Testing, Authorization, and Right of Access (continued)

2.1.2 If the interconnection customer conducts interim testing of the distributed generation facility prior to the witness test, the interconnection customer shall obtain permission from MidAmerican before each occurrence of operating the distributed generation facility in parallel with the electric distribution system. MidAmerican may, at its own expense, send qualified personnel to the distributed generation facility to observe such interim testing, but it cannot mandate that these tests be considered in the final witness test. MidAmerican is not required to observe the interim testing or precluded from requiring the tests be repeated at the final witness test.

2.1.3 After the distributed generation facility passes the witness test, MidAmerican shall affix an authorized signature to the certificate of completion and return it to the interconnection customer approving the interconnection and authorizing parallel operation. The authorization shall not be conditioned or delayed.

New

2.2 Commercial Operation

The interconnection customer shall not operate the distributed generation facility, except for interim testing as provided in Article 2.1, until such time as the certificate of completion is signed by all Parties.

2.3 Right of Access

MidAmerican must have access to the isolation device or disconnect switch and metering equipment of the distributed generation facility at all times. When practical, MidAmerican shall provide notice to the customer prior to using its right of access.



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

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

3.1 Effective Date

This Agreement shall become effective upon execution by all Parties.

3.2 Term of Agreement

This Agreement shall become effective on the effective date and shall remain in effect unless terminated in accordance with Article 3.3 of this Agreement.

3.3 Termination

3.3.1 The interconnection customer may terminate this Agreement at any time by giving MidAmerican 30 calendar days prior written notice.

3.3.2 Either Party may terminate this Agreement after default pursuant to Article 6.5.

3.3.3 MidAmerican may terminate, upon 60 calendar days' prior written notice, for failure of the interconnection customer to complete construction of the distributed generation facility within 12 months after the in-service date as specified by the Parties in Attachment 2, which may be extended by agreement between the Parties.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 3. Effective Date, Term, Termination, and Disconnection (continued)

- 3.3.4 MidAmerican may terminate this Agreement, upon 60 calendar days' prior written notice, if the interconnection customer has abandoned, cancelled, permanently disconnected or stopped development, construction, or operation of the distributed generation facility, or if the interconnection customer fails to operate the distributed generation facility in parallel with MidAmerican's electric system for three consecutive years.
 - 3.3.5 Upon termination of this Agreement, the distributed generation facility will be disconnected from MidAmerican's electric distribution system. Terminating this Agreement does not relieve either Party of its liabilities and obligations that are owed or continuing when the Agreement is terminated.
 - 3.3.6 If the Agreement is terminated, the interconnection customer loses its position in the interconnection review order.
- 3.4 Temporary Disconnection
- A Party may temporarily disconnect the distributed generation facility from the electric distribution system in the event one or more of the following conditions or events occurs:

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 3. Effective Date, Term, Termination, and Disconnection (continued)

3.4.1 Emergency conditions – Shall mean any condition or situation: (1) that in the judgment of the Party making the claim is likely to endanger life or property; or (2) that MidAmerican determines is likely to cause an adverse system impact, or is likely to have a material adverse effect on MidAmerican’s electric distribution system, interconnection facilities or other facilities, or is likely to interrupt or materially interfere with the provision of electric utility service to other customers; or (3) that is likely to cause a material adverse effect on the distributed generation facility or the interconnection equipment. Under emergency conditions, MidAmerican or the interconnection customer may suspend interconnection service and temporarily disconnect the distributed generation facility from the electric distribution system without giving notice to the other Party, provided that it gives notice as soon as practicable thereafter. MidAmerican must notify the interconnection customer when it becomes aware of any conditions that might affect the interconnection customer’s operation of the distributed generation facility. The interconnection customer shall notify MidAmerican when it becomes aware of any condition that might affect MidAmerican’s electric distribution system. To the extent information is known, the notification shall describe the condition, the extent of the damage or deficiency, the expected effect on the operation of both Parties’ facilities and operations, its anticipated duration, and the necessary corrective action.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 3. Effective Date, Term, Termination, and Disconnection (continued)

- 3.4.2 Scheduled maintenance, construction, or repair –MidAmerican may interrupt interconnection service or curtail the output of the distributed generation facility and temporarily disconnect the distributed generation facility from MidAmerican’s electric distribution system when necessary for scheduled maintenance, construction, or repairs on MidAmerican’s electric distribution system. To the extent possible, MidAmerican shall provide the interconnection customer with notice five business days before an interruption. MidAmerican shall coordinate the reduction or temporary disconnection with the interconnection customer; however, the interconnection customer is responsible for out-of-pocket costs incurred by MidAmerican for deferring or rescheduling maintenance, construction, or repair at the interconnection customer’s request.
- 3.4.3 Forced outages –MidAmerican may suspend interconnection service to repair MidAmerican’s electric distribution system. MidAmerican shall provide the interconnection customer with prior notice, if possible. If prior notice is not possible, MidAmerican shall, upon written request, provide the interconnection customer with written documentation, after the fact, explaining the circumstances of the disconnection.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 3. Effective Date, Term, Termination, and Disconnection (continued)

- 3.4.4 Adverse system impact –MidAmerican must provide the interconnection customer with written notice of its intention to disconnect the distributed generation facility, if MidAmerican determines that operation of the distributed generation facility creates an adverse system impact. The documentation that supports MidAmerican’s decision to disconnect must be provided to the interconnection customer. MidAmerican may disconnect the distributed generation facility if, after receipt of the notice, the interconnection customer fails to remedy the adverse system impact within 12 days, unless emergency conditions exist, in which case, the provisions of Article 3.4.1 apply. MidAmerican may continue to leave the generating facility disconnected until the adverse system impact is corrected to the satisfaction of both MidAmerican and the adversely-impacted customer.
- 3.4.5 Modification of the distributed generation facility – The interconnection customer must receive written authorization from MidAmerican prior to making any change to the distributed generation facility, other than a minor equipment modification. If the interconnection customer modifies its facility without MidAmerican’s prior written authorization, MidAmerican has the right to disconnect the distributed generation facility until such time as MidAmerican concludes the modification poses no threat to the safety or reliability of its electric distribution system.
- 3.4.6 MidAmerican is not responsible for any lost opportunity or other costs incurred by the interconnection customer as a result of an interruption of service under Article 3.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 4. Cost Responsibility for Interconnection Facilities and Distribution Upgrades

4.1 Interconnection Facilities

4.1.1 The interconnection customer shall pay for the cost of the interconnection facilities itemized in Attachment 3. MidAmerican shall identify the additional interconnection facilities necessary to interconnect the distributed generation facility with MidAmerican's electric distribution system, the cost of those facilities, and the time required to build and install those facilities, as well as an estimated date of completion of the building or installation of those facilities.

4.1.2 The interconnection customer is responsible for its expenses, including overheads, associated with owning, operating, maintaining, repairing, and replacing its interconnection equipment.

4.2 Distribution Upgrades

MidAmerican shall design, procure, construct, install, and own any distribution upgrades. The actual cost of the distribution upgrades, including overheads, shall be directly assigned to the interconnection customer whose distributed generation facility caused the need for the distribution upgrades.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 5. Billing, Payment, Milestones, and Financial Security

5.1 Billing and Payment Procedures and Final Accounting (Applies to additional reviews conducted under a Level 2 review and Level 4 reviews)

5.1.1 MidAmerican shall bill the interconnection customer for the design, engineering, construction, and procurement costs of MidAmerican - provided interconnection facilities and distribution upgrades contemplated by this Agreement as set forth in Attachment 3. The billing shall occur on a monthly basis, or as otherwise agreed to between the Parties. The interconnection customer shall pay each billing invoice within 30 calendar days after receipt, or as otherwise agreed to between the Parties, if a balance due is showing after any customer deposit funds have been expended.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 5. Billing, Payment, Milestones, and Financial Security (continued)

- 5.1.2 Within 90 calendar days after completing the construction and installation of MidAmerican’s interconnection facilities and distribution upgrades described in Attachments 2 and 3 to this Agreement, MidAmerican shall provide the interconnection customer with a final accounting report of any difference between: (1) the actual cost incurred to complete the construction and installation of MidAmerican’s interconnection facilities and distribution upgrades; and (2) the interconnection customer’s previous deposit and aggregate payments to MidAmerican for the interconnection facilities and distribution upgrades. If the interconnection customer’s cost responsibility exceeds its previous deposit and aggregate payments, MidAmerican shall invoice the interconnection customer for the amount due and the interconnection customer shall make payment to MidAmerican within 30 calendar days. If the interconnection customer’s previous deposit and aggregate payments exceed its cost responsibility under this Agreement, MidAmerican shall refund to the interconnection customer an amount equal to the difference within 30 calendar days after the final accounting report. Upon request from the interconnection customer, if the difference between the budget estimate and the actual cost exceeds 20%, MidAmerican will provide a written explanation for the difference.
- 5.1.3 If a Party disputes any portion of its payment obligation pursuant to this Article 5, the Party shall pay in a timely manner all non-disputed portions of its invoice, and the disputed amount shall be resolved pursuant to the dispute resolution provisions contained in Article 8. A Party disputing a portion of an Article 5 payment shall not be considered to be in default of its obligations under this Article.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 5. Billing, Payment, Milestones, and Financial Security (continued)

5.2 Interconnection Customer Deposit

At least 20 business days prior to the commencement of the design, procurement, installation, or construction of MidAmerican's interconnection facilities and distribution upgrades, the interconnection customer shall provide MidAmerican with a deposit equal to 100% of the estimated, nonbinding cost to procure, install, or construct any such facilities. However, when the estimated date of completion of the building or installation of facilities exceeds three months from the date of payment of the deposit, pursuant to Article 4.1.1 of this Agreement, this deposit may be held by MidAmerican, with any interest to inure to the benefit of the interconnection customer.

New

Article 6. Assignment, Limitation on Damages, Indemnity, Force Majeure, and Default

6.1 Assignment

This Agreement may be assigned by either Party with the prior consent of the other Party. If the interconnection customer attempts to assign this Agreement, the assignee must agree to the terms of this Agreement in writing and such writing must be provided to MidAmerican. Any attempted assignment that violates this Article is void and ineffective. Assignment shall not relieve a Party of its obligations, nor shall a Party's obligations be enlarged, in whole or in part, by reason of the assignment. An assignee is responsible for meeting the same obligations as the assignor.



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 6. Assignment, Limitation on Damages, Indemnity, Force Majeure, and Default (continued)

- 6.1.1 Either Party may assign this Agreement without the consent of the other Party to any affiliate (including mergers, consolidations, or transfers or a sale of a substantial portion of the Party's assets, between the Party and another entity), of the assigning Party that has an equal or greater credit rating and the legal authority and operational ability to satisfy the obligations of the assigning Party under this Agreement.
- 6.1.2 The interconnection customer can assign this Agreement, without the consent of MidAmerican, for collateral security purposes to aid in providing financing for the distributed generation facility.
- 6.2 Limitation on Damages
- Except for cases of gross negligence or willful misconduct, the liability of any Party to this Agreement shall be limited to direct actual damages, including death, bodily injury, third party claims, and reasonable attorney's fees, and all other damages at law are waived. Under no circumstances, except for cases of gross negligence or willful misconduct, shall any Party or its directors, officers, employees, and agents, or any of them, be liable to another Party, whether in tort, contract, or other basis in law or equity for any special, indirect, punitive, exemplary, or consequential damages, including lost profits, lost revenues, replacement power, cost of capital, or replacement equipment. This limitation on damages shall not affect any Party's rights to obtain equitable relief, including specific performance, as otherwise provided in this Agreement. The provisions of this Article 6.2 shall survive the termination or expiration of the Agreement.
- 6.3 Indemnity
- 6.3.1 This provision protects each Party from liability incurred as a result of carrying out the provisions of this Agreement. Liability under this provision is exempt from the general limitations on liability found in Article 6.2.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Recitals: (continued)

- 6.3.2 The interconnection customer shall indemnify and defend MidAmerican and MidAmerican 's directors, officers, employees, and agents, from all claims, damages, and expenses, including reasonable attorney's fees, to the extent resulting from the interconnection customer's negligent installation, operation, modification, maintenance, or removal of its distributed generation facility or interconnection facilities, or the interconnection customer's willful misconduct or breach of this Agreement.
- 6.3.3 MidAmerican shall indemnify and defend the interconnection customer and the interconnection customer's directors, officers, employees, and agents from all claims, damages, and expenses, including reasonable attorney's fees, to the extent resulting from MidAmerican's negligent installation, operation, modification, maintenance, or removal of its interconnection facilities or electric distribution system, or MidAmerican's willful misconduct or breach of this Agreement.
- 6.3.4 Within 5 business days after receipt by an indemnified Party of any claim or notice that an action or administrative or legal proceeding or investigation as to which the indemnity provided for in this Article may apply has commenced, the indemnified Party shall notify the indemnifying Party of such fact. The failure to notify, or a delay in notification, shall not affect a Party's indemnification obligation unless that failure or delay is materially prejudicial to the indemnifying Party.
- 6.3.5 If an indemnified Party is entitled to indemnification under this Article as a result of a claim, and the indemnifying Party fails, after notice and reasonable opportunity to proceed under this Article, to assume the defense of such claim, that indemnified Party 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, the claim.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 6. Assignment, Limitation on Damages, Indemnity, Force Majeure, and Default (continued)

- 6.3.6 If an indemnifying Party is obligated to indemnify and hold any indemnified Party harmless under this Article, the amount owing to the indemnified person shall be the amount of the indemnified Party's actual loss, net of any insurance or other recovery by the indemnified party.
- 6.4 Force Majeure
- 6.4.1 As used in this Article, 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 (e.g., MISO), or any other cause beyond a Party's control. A force majeure event does not include an act of gross negligence or intentional wrongdoing by the Party claiming force majeure.
- 6.4.2 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 notify the other Party of the existence of the force majeure event as soon as reasonably possible. The notification will specify the circumstances of the force majeure event, its expected duration (if known), and the steps that the Affected Party is taking and will take to mitigate the effects of the event on its performance (if known). If the initial notification is verbal, it must be followed up with a written notification promptly thereafter. The Affected Party shall keep the other Party informed on a periodic basis of developments relating to the force majeure event until the event ends. The Affected Party may suspend or modify its obligations under this Agreement without liability only to the extent that the effect of the force majeure event cannot be otherwise mitigated.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 6. Assignment, Limitation on Damages, Indemnity, Force Majeure, and Default (continued)

6.5 Default

- 6.5.1 No default shall exist when the failure to discharge an obligation results from a force majeure event as defined in this Agreement, or the result of an act or omission of the other Party.
- 6.5.2 A Party shall be in default ("Default") of this Agreement if it fails in any material respect to comply with, observe, or perform, or defaults in the performance of, any covenant or obligation under this Agreement and fails to cure the failure within 60 calendar days after receiving written notice from the other Party. Upon a default of this Agreement, the non-defaulting Party shall give written notice of the default to the defaulting Party. Except as provided in Article 6.5.3, the defaulting Party has 60 calendar days after receipt of the default notice to cure the default; provided, however, if the default cannot be cured within 60 calendar days, the defaulting Party shall commence the cure within 20 calendar days after original notice and complete the cure within six months from receipt of the default notice; and, if cured within that time, the default specified in the notice shall cease to exist.
- 6.5.3 If a Party has assigned this Agreement in a manner that is not specifically authorized by Article 6.1, fails to provide reasonable access pursuant to Article 2.3, and is in default of its obligations pursuant to Article 7, or if a Party is in default of its payment obligations pursuant to Article 5 of this Agreement, the defaulting Party has 30 days from receipt of the default notice to cure the default.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 6. Assignment, Limitation on Damages, Indemnity, Force Majeure, and Default (continued)

6.5.4 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 in this Article, the non-defaulting Party shall have the right to terminate this Agreement without liability by written notice, and be relieved of any further obligation under this Agreement and, whether or not that Party terminates this Agreement, to recover from the defaulting Party all amounts due under this Agreement, plus all other damages and remedies to which it is entitled at law or in equity. The provisions of this Article shall survive termination of this Agreement.

Article 7. Insurance

For distributed generation facilities with a nameplate capacity of 1 MVA or above, the interconnection customer shall carry sufficient insurance coverage so that the maximum comprehensive/general liability coverage that is continuously maintained by the interconnection customer during the term shall be not less than \$2,000,000 for each occurrence, and an aggregate, if any, of at least \$4,000,000. MidAmerican, its officers, employees, and agents shall be added as an additional insured on this policy. The interconnection customer agrees to provide MidAmerican with at least 30 calendar days advance written notice of cancellation, reduction in limits, or non-renewal of any insurance policy required by this Article.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 8. Dispute Resolution

- 8.1 Parties shall attempt to resolve all disputes regarding interconnection as provided in this Article in a good faith manner.
- 8.2 If there is a dispute between the Parties about an interpretation of the Agreement, the aggrieved Party shall issue a written notice to the other Party to the agreement that specifies the dispute and the Agreement articles that are disputed.
- 8.3 A meeting between the Parties shall be held within ten business days after receipt of the written notice. Persons with decision-making authority from each Party shall attend the meeting. If the dispute involves technical issues, persons with sufficient technical expertise and familiarity with the issue in dispute from each Party shall also attend the meeting. If the Parties agree, the meeting may be conducted by teleconference.
- 8.4 After the first meeting, each Party may seek resolution through complaint or mediation procedures available at the Commission. The Commission may designate an engineer from the Commission's Energy Division to assist in resolving the dispute. Dispute resolution shall be conducted in a manner designed to minimize costs and delay. Dispute resolution may be conducted by phone.
- 8.5 Pursuit of dispute resolution may not affect an interconnection request or an interconnection applicant's position in the EDC's interconnection queue.
- 8.6 If the Parties fail to resolve their dispute under the dispute resolution provisions of this Article, nothing in this Article shall affect any Party's rights to obtain equitable relief, including specific performance, as otherwise provided in this Agreement.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 9. Miscellaneous

9.1 Governing Law, Regulatory Authority, and Rules

The validity, interpretation and enforcement of this Agreement and each of its provisions shall be governed by the laws of the State of Illinois, without regard to its conflicts of law principles. This Agreement is subject to all applicable laws and regulations. Each Party expressly reserves the right to seek change in, appeal, or otherwise contest any laws, orders, or regulations of a governmental authority. The language in all parts of this Agreement shall in all cases be construed as a whole, according to its fair meaning, and not strictly for or against MidAmerican or interconnection customer, regardless of the involvement of either Party in drafting this Agreement.

9.2 Amendment

Modification of this Agreement shall be only by a written instrument duly executed by both Parties.

9.3 No Third-Party Beneficiaries

This 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 in this Agreement assumed are solely for the use and benefit of the Parties, their successors in interest and, where permitted, their assigns.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 9. Miscellaneous (continued)

9.4 Waiver

9.4.1 Except as otherwise provided in this Agreement, a Party's compliance with any obligation, covenant, agreement, or condition in this Agreement may be waived by the Party entitled to the benefits thereof only by a written instrument signed by the Party granting the waiver, but the waiver or failure to insist upon strict compliance with the obligation, covenant, agreement, or condition shall not operate as a waiver of, or estoppel with respect to, any subsequent or other failure.

9.4.2. Failure of any Party to enforce or insist upon compliance with any of the terms or conditions of this Agreement, or to give notice or declare this Agreement or the rights under this Agreement terminated, shall not constitute a waiver or relinquishment of any rights set out in this Agreement, but the same shall be and remain at all times in full force and effect, unless and only to the extent expressly set forth in a written document signed by that Party granting the waiver or relinquishing any such rights. Any waiver granted, or relinquishment of any right, by a Party shall not operate as a relinquishment of any other rights or a waiver of any other failure of the Party granted the waiver to comply with any obligation, covenant, agreement, or condition of this Agreement.

New

9.5 Entire Agreement

Except as provided in Article 9.1, this Agreement, including all attachments, constitutes the entire Agreement between the Parties with reference to the subject matter of this Agreement, and supersedes all prior and contemporaneous understandings or agreements, oral or written, between the Parties with respect to the subject matter of this 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 this Agreement.



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 9. Miscellaneous (continued)

9.6 Multiple Counterparts

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

9.7 No Partnership

This Agreement shall 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.

9.8 Severability

If any provision or portion of this 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) that 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 the ruling, and (3) the remainder of this Agreement shall remain in full force and effect.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 9. Miscellaneous (continued)

9.9 Environmental Releases

Each Party shall notify the other Party of the release of any hazardous substances, any asbestos or lead abatement activities, or any type of remediation activities related to the distributed generation facility or the interconnection facilities, each of which may reasonably be expected to affect the other Party. The notifying Party shall (1) provide the notice as soon as practicable, provided that Party makes a good faith effort to provide the notice no later than 24 hours after that Party becomes aware of the occurrence, and (2) promptly furnish to the other Party copies of any publicly available reports filed with any governmental authorities addressing such events.

9.10 Subcontractors

Nothing in this Agreement shall prevent a Party from using the services of any subcontractor it deems appropriate to perform its obligations under this Agreement; provided, however, that each Party shall require its subcontractors to comply with all applicable terms and conditions of this Agreement in providing services and each Party shall remain primarily liable to the other Party for the performance of the subcontractor.

9.10.1 A subcontract relationship does not relieve any Party of any of its obligations under this Agreement. The hiring Party remains responsible to the other Party for the acts or omissions of its subcontractor. Any applicable obligation imposed by this Agreement upon the hiring Party shall be equally binding upon, and shall be construed as having application to, any subcontractor of the hiring Party.

9.10.2 The obligations under this Article cannot be limited in any way by any limitation of subcontractor's insurance.

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 10. Notices

10.1 General

Unless otherwise provided in this Agreement, any written notice, demand, or request required or authorized in connection with this Agreement ("Notice") 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 person specified below:

If Notice is to Interconnection Customer:

Interconnection Customer: _____
Attention: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____ E-mail: _____

If Notice is to MidAmerican:

Utility: MidAmerican Energy Company
Attention: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____ E-mail: _____

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 10. Notices (continued)

Alternative Forms of Notice:

Any notice or request required or permitted to be given by either Party to the other Party and not required by this Agreement to be in writing may be given by telephone, facsimile or e-mail to the telephone numbers and e-mail addresses set out above.

10.2 Billing and Payment

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

If Billing or Payment is to Interconnection Customer:

Interconnection Customer: _____
Attention: _____
Address: _____
City: _____ State: _____ Zip: _____

If Billing or Payment is to MidAmerican:

Utility: MidAmerican Energy Company
Attention: _____
Address: _____
City: _____ State: _____ Zip: _____

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 10. Notices (continued)

10.3 Designated Operating Representative

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

Interconnection Customer's Operating Representative:

Name: _____
Attention: _____
Address: _____
City: _____ State: _____ Zip: _____

MidAmerican's Operating Representative:

Name: _____
Attention: _____
Address: _____
City: _____ State: _____ Zip: _____

New



SECTION 9 – FORMS AND AGREEMENTS

LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (For Distributed Generation Facilities with a capacity of 10 MVA or less) (continued)

Article 10. Notices (continued)

10.4 Changes to the Notice Information

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

Article 11. Signatures

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

For the Interconnection Customer:

Name: _____
Title: _____
Date: _____

For MidAmerican:

Name: _____
Title: _____
Date: _____

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT 1 - LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT

Definitions

Adverse system impact – A negative effect that compromises the safety or reliability of the electric distribution system or materially affects the quality of electric service provided by MidAmerican to other customers.

Applicable laws and regulations – All duly promulgated applicable federal, state and local laws, regulations, rules, ordinances, codes, decrees, judgments, directives, or judicial or administrative orders, permits and other duly authorized actions of any governmental authority, having jurisdiction over the Parties.

Commissioning test – Tests applied to a distributed generation facility by the applicant after construction is completed to verify that the facility does not create adverse system impacts. At a minimum, the scope of the commissioning tests performed shall include the commissioning test specified IEEE Standard 1547 Section 5.4 "Commissioning tests."

Distributed generation facility – The equipment used by an interconnection customer to generate or store electricity that operates in parallel with the electric distribution system. A distributed generation facility typically includes an electric generator, prime mover, and the interconnection equipment required to safely interconnect with the electric distribution system or a local electric power system.

Distribution upgrades – A required addition or modification to MidAmerican's electric distribution system at or beyond the point of interconnection to accommodate the interconnection of a distributed generation facility. Distribution upgrades do not include interconnection facilities.

Electric distribution company or EDC – Any electric utility entity subject to the jurisdiction of the Illinois Commerce Commission.

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT 1 - LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (continued)

Electric distribution system – The facilities and equipment used to transmit electricity to ultimate usage points such as homes and industries from interchanges with higher voltage transmission networks that transport bulk power over longer distances. The voltage levels at which electric distribution systems operate differ among areas but generally carry less than 100 kilovolts of electricity. Electric distribution system has the same meaning as the term Area EPS, as defined in 3.1.6.1 of IEEE Standard 1547.

Facilities study – An engineering study conducted by MidAmerican to determine the required modifications to MidAmerican’s electric distribution system, including the cost and the time required to build and install the modifications, as necessary to accommodate an interconnection request.

Force majeure event – 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 gross negligence or intentional wrongdoing.

Governmental authority – Any federal, state, local or other governmental regulatory or administrative agency, court, commission, department, board, other governmental subdivision, legislature, rulemaking board, tribunal, or other governmental authority having jurisdiction over the Parties, their respective facilities, or the respective services they provide, and exercising or entitled to exercise any administrative, executive, police, or taxing authority or power; provided, however, that this term does not include the interconnection customer, MidAmerican, or any affiliate of either.

IEEE Standard 1547 – The Institute of Electrical and Electronics Engineers, Inc. (IEEE), 3 Park Avenue, New York NY 10016-5997, Standard 1547 (2003), "Standard for Interconnecting Distributed Resources with Electric Power Systems."

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT 1 - LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (continued)

IEEE Standard 1547.1 – The IEEE Standard 1547.1 (2005), "Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems."

Interconnection agreement or Agreement – The agreement between the interconnection customer and MidAmerican. The interconnection agreement governs the connection of the distributed generation facility to MidAmerican's electric distribution system and the ongoing operation of the distributed generation facility after it is connected to MidAmerican's electric distribution system.

Interconnection customer – The entity entering into this Agreement for the purpose of interconnecting a distributed generation facility to MidAmerican's electric distribution system.

Interconnection equipment – A group of components or an integrated system connecting an electric generator with a local electric power system or an electric distribution system that includes all interface equipment, including 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 – Facilities and equipment required by MidAmerican to accommodate the interconnection of a distributed generation facility. Collectively, interconnection facilities include all facilities and equipment between the distributed generation facility and the point of interconnection, including modification, additions, or upgrades that are necessary to physically and electrically interconnect the distributed generation facility to the electric distribution system. Interconnection facilities are sole use facilities and do not include distribution upgrades.

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT 1 - LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (continued)

Interconnection request – An interconnection customer's request, on the required form, for the interconnection of a new distributed generation facility, or to increase the capacity or change the operating characteristics of an existing distributed generation facility that is interconnected with MidAmerican's electric distribution system.

Interconnection study – Any of the following studies, as determined to be appropriate by MidAmerican: the interconnection feasibility study, the interconnection system impact study, and the interconnection facilities study.

Illinois standard distributed generation interconnection rules – The most current version of the procedures for interconnecting distributed generation facilities adopted by the Illinois Commerce Commission. See 83 Ill. Adm. Code 466.

Parallel operation or Parallel – The state of operation that occurs when a distributed generation facility is connected electrically to the electric distribution system.

Point of interconnection – The point where the distributed generation facility is electrically connected to the electric distribution system. Point of interconnection has the same meaning as the term "point of common coupling" defined in 3.1.13 of IEEE Standard 1547.

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT 1 - LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT (continued)

Witness test – For lab-certified equipment, verification (either by an on-site observation or review of documents) by MidAmerican that the interconnection installation evaluation required by IEEE Standard 1547 Section 5.3 and the commissioning test required by IEEE Standard 1547 Section 5.4 have been adequately performed. For interconnection equipment that has not been lab-certified, the witness test shall also include verification by MidAmerican of the on-site design tests required by IEEE Standard 1547 Section 5.1 and verification by MidAmerican of production tests required by IEEE Standard 1547 Section 5.2. All tests verified by MidAmerican are to be performed in accordance with the test procedures specified by IEEE Standard 1547.1.

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT 2 - LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT

Construction Schedule, Proposed Equipment & Settings

This attachment is to be completed by the interconnection customer and shall include the following:

1. The construction schedule for the distributed generation facility.
2. A one-line diagram indicating the distributed generation facility, interconnection equipment, interconnection facilities, metering equipment, and distribution upgrades.
3. Component specifications for equipment identified in the one-line diagram.
4. Component settings.
5. Proposed sequence of operations.
6. A three-line diagram showing current potential circuits for protective relays.
7. Relay tripping and control schematic diagram.

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT 3 - LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT

Description, Costs and Time Required to Build and Install MidAmerican's Interconnection Facilities

This attachment is to be completed by MidAmerican and shall include the following:

1. Required interconnection facilities, including any required metering.
2. An estimate of itemized costs charged by MidAmerican for interconnection, including overheads, based on results from prior studies.
3. An estimate for the time required to build and install MidAmerican's interconnection facilities based on results from prior studies and an estimate of the date upon which the facilities will be completed.

New



MidAmerican Energy Company
Schedule of Rates For
Electric Service in Illinois

Ill C. C. No. 10
Original Sheet No. 345

SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT 4 - LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT

Operating Requirements for Distributed Generation Facilities Operating in Parallel

MidAmerican shall list specific operating practices that apply to this distributed generation interconnection and the conditions under which each listed specific operating practice applies.

} New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT 5 - LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT

Monitoring and Control Requirements

This attachment is to be completed by MidAmerican and shall include the following:

1. MidAmerican’s monitoring and control requirements must be specified, along with a reference to MidAmerican’s written requirements documents from which these requirements are derived.
2. An internet link to the requirements documents.

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT 6 - LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT

Metering Requirements

This attachment is to be completed by MidAmerican and shall include the following:

1. The metering requirements for the distributed generation facility.
2. Identification of the appropriate tariffs that establish these requirements.
3. An internet link to these tariffs.

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT 7 - LEVELS 2 TO 4: STANDARD INTERCONNECTION AGREEMENT

As Built Documents

This attachment is to be completed by the interconnection customer and shall include the following:

When it returns the certificate of completion to MidAmerican, the interconnection customer shall provide MidAmerican with documents detailing the as-built status of the following:

1. A one-line diagram indicating the distributed generation facility, interconnection equipment, interconnection facilities, and metering equipment.
2. Component specifications for equipment identified in the one-line diagram.
3. Component settings.
4. Proposed sequence of operations.
5. A three-line diagram showing current potential circuits for protective relays.
6. Relay tripping and control schematic diagram.

New



SECTION 9 – FORMS AND AGREEMENTS

INTERCONNECTION FEASIBILITY STUDY AGREEMENT

This agreement ("Agreement") is made and entered into this ____ day of _____, by and between _____ ("interconnection customer"), as an individual person, or as a _____ organized and existing under the laws of the State of _____, and MidAmerican Energy Company, ("MidAmerican"), a corporation existing under the laws of the State of Illinois. Interconnection customer and MidAmerican each may be referred to as a "Party," or collectively as the "Parties."

Recitals:

Whereas, interconnection customer is proposing to develop a distributed generation facility or modify an existing distributed generation facility consistent with the interconnection request application form submitted by interconnection customer on _____; and

Whereas, interconnection customer desires to interconnect the distributed generation facility with MidAmerican's electric distribution system; and

Whereas, interconnection customer has requested MidAmerican to perform an interconnection feasibility study to assess the feasibility of interconnecting the proposed distributed generation facility to MidAmerican's electric distribution system;

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

1. All terms defined in Section 466.30 of the Illinois Distributed Generation Interconnection Standard shall have the meanings indicated in that Section when used in this Agreement.
2. Interconnection customer elects and MidAmerican shall cause to be performed an interconnection feasibility study consistent with Section 466.120 of the Illinois Distributed Generation Interconnection Standard.

New



SECTION 9 – FORMS AND AGREEMENTS

INTERCONNECTION FEASIBILITY STUDY AGREEMENT (continued)

Recitals: (continued)

3. The scope of the interconnection feasibility study shall be based upon the information set forth in the interconnection request application form and Attachment A to this Agreement.
4. The interconnection feasibility study shall be based on the technical information provided by interconnection customer in the interconnection request application form, as modified with the written agreement of the Parties. MidAmerican has the right to request additional technical information from interconnection customer during the course of the interconnection feasibility study. If the interconnection customer modifies its interconnection request, the time to complete the interconnection feasibility study may be extended by MidAmerican.
5. In performing the study, MidAmerican shall rely on existing studies of recent vintage to the extent practical. The interconnection customer will not be charged for such existing studies; however, interconnection customer is responsible for the cost of applying any existing study to the interconnection customer specific requirements and for any new study that MidAmerican performs.
6. The interconnection feasibility study report must provide the following information:
 - 6.1 Identification of any equipment short circuit capability limits exceeded as a result of the interconnection,
 - 6.2 Identification of any thermal overload or voltage limit violations resulting from the interconnection, and
 - 6.3 A description and nonbinding estimated cost of facilities required to interconnect the distributed generation facility to MidAmerican's electric distribution system as required under Section 466.120(e)(1).

New



SECTION 9 – FORMS AND AGREEMENTS

INTERCONNECTION FEASIBILITY STUDY AGREEMENT (continued)

Recitals: (continued)

7. Interconnection customer shall provide a study deposit equal to 100% of the estimated nonbinding study costs at least 20 business days prior to the date upon which the study commences.
8. The interconnection feasibility study shall be completed and the results shall be transmitted to interconnection customer within 25 business days after this Agreement is signed by the Parties.
9. Study fees shall be based on actual costs and will be invoiced to interconnection customer after the study is transmitted to interconnection customer. The invoice must include an itemized listing of employee time and costs expended on the study.
10. Interconnection customer shall pay any actual study costs that exceed the deposit without interest within 30 calendar days on receipt of the invoice. MidAmerican shall refund any excess deposit amount without interest within 30 calendar days after the invoice.

New



SECTION 9 – FORMS AND AGREEMENTS

INTERCONNECTION FEASIBILITY STUDY AGREEMENT (continued)

Recitals: (continued)

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.

[Insert name of interconnection customer]

Signed: _____

Name (Printed): _____ Title: _____

MidAmerican Energy Company

Signed: _____

Name (Printed): _____ Title: _____

} New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT A – INTERCONNECTION FEASIBILITY STUDY AGREEMENT

Assumptions Used in Conducting the Interconnection Feasibility Study

The interconnection feasibility study will be based upon the information in the interconnection request application form, agreed upon on _____:

1. Point of interconnection and configuration to be studied.

2. Alternative points of interconnection and configurations to be studied.

Note: 1 and 2 are to be completed by the interconnection customer. Any additional assumptions (explained below) may be provided by either the interconnection customer or MidAmerican.

New



SECTION 9 – FORMS AND AGREEMENTS

INTERCONNECTION SYSTEM IMPACT STUDY AGREEMENT

This agreement ("Agreement") is made and entered into this ____ day of _____, by and between _____ ("interconnection customer"), as an individual person, or as a _____ organized and existing under the laws of the State of _____, and MidAmerican Energy Company, ("MidAmerican"), a corporation existing under the laws of the State of Illinois. Interconnection customer and MidAmerican each may be referred to as a "Party," or collectively as the "Parties."

Recitals:

Whereas, interconnection customer is proposing to develop a distributed generation facility or modifying an existing distributed generation facility consistent with the interconnection request application form completed by interconnection customer on _____; and

Whereas, interconnection customer desires to interconnect the distributed generation facility to MidAmerican's electric distribution system; and

Whereas, MidAmerican has completed an interconnection feasibility study and provided the results of said study to interconnection customer (this recital to be omitted if the Parties have agreed to forego the interconnection feasibility study); and

Whereas, interconnection customer has requested MidAmerican to perform an interconnection system impact study to assess the impact of interconnecting the distributed generation facility to MidAmerican's electric distribution system;

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

1. All terms defined in Section 466.30 of the Illinois Distributed Generation Interconnection Standard shall have the meanings indicated in that Section when used in this Agreement

New



SECTION 9 – FORMS AND AGREEMENTS

INTERCONNECTION SYSTEM IMPACT STUDY AGREEMENT (continued)

Recitals: (continued)

2. Interconnection customer elects and MidAmerican shall cause to be performed an interconnection system impact study consistent with Section 466.120 of the Illinois Distributed Generation Interconnection Standard.
3. The scope of the interconnection system impact study shall be based upon the information set forth in the interconnection request application form and in Attachment A to this Agreement.
4. The interconnection system impact study shall be based upon the interconnection feasibility study and the technical information provided by interconnection customer in the interconnection request application form. MidAmerican reserves the right to request additional technical information from interconnection customer. If interconnection customer modifies its proposed point of interconnection, interconnection request, or the technical information provided therein is modified, the time to complete the interconnection system impact study may be extended.
5. The interconnection system impact study report shall provide the following information:
 - 5.1 Identification of any equipment short circuit capability limits exceeded as a result of the interconnection,
 - 5.2 Identification of any thermal overload or voltage limit violations resulting from the interconnection,
 - 5.3 Identification of any instability or inadequately damped response to system disturbances resulting from the interconnection, and

New



SECTION 9 – FORMS AND AGREEMENTS

INTERCONNECTION SYSTEM IMPACT STUDY AGREEMENT (continued)

Recitals: (continued)

- 5.4 Description and nonbinding estimated cost of facilities required to interconnect the distributed generation facility to MidAmerican's electric distribution system and to address the identified short circuit, thermal overload, voltage, and instability issues as required under Section 466.120(e)(2).
6. Interconnection customer shall provide a study deposit equal to 100% of the estimated nonbinding study costs at least 20 business days prior to the date upon which the study commences.
7. The interconnection system impact study, if required, shall be completed and the results transmitted to interconnection customer within 25 business days after this Agreement is signed by the Parties.
8. Study fees shall be based on actual costs and shall be invoiced to interconnection customer after the study is transmitted to interconnection customer. The invoice shall include an itemized listing of employee time and costs expended on the study.
9. Interconnection customer shall pay any study costs that exceed the deposit within 30 calendar days after receipt of the invoice. MidAmerican shall refund any excess deposit amount within 30 calendar days of the invoice.

New



SECTION 9 – FORMS AND AGREEMENTS

INTERCONNECTION SYSTEM IMPACT STUDY AGREEMENT (continued)

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

[Insert name of interconnection customer]

Signed: _____

Name (Printed): _____ Title: _____

MidAmerican Energy Company

Signed: _____

Name (Printed): _____ Title: _____





SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT A – INTERCONNECTION SYSTEM IMPACT STUDY AGREEMENT

Assumptions Used in Conducting the Interconnection System Impact Study

The interconnection system impact study shall be based upon the results of the interconnection feasibility study, subject to any modifications in accordance with Section 466.120 of the Illinois Distributed Generation Interconnection Standard, and the following assumptions:

1. Point of interconnection and configuration to be studied.

2. Alternative Points of interconnection and configurations to be studied.

Note: 1 and 2 are to be completed by the interconnection customer. Any additional assumptions (explained below) may be provided by either the interconnection customer or MidAmerican.

New



SECTION 9 – FORMS AND AGREEMENTS

INTERCONNECTION FACILITIES STUDY AGREEMENT

This agreement ("Agreement") is made and entered into this ____ day of _____, by and between _____ ("interconnection customer"), as an individual person, or as a _____ organized and existing under the laws of the State of _____, and MidAmerican Energy Company, ("MidAmerican"), a corporation existing under the laws of the State of Illinois. Interconnection customer and MidAmerican each may be referred to as a "Party," or collectively as the "Parties."

Recitals:

Whereas, interconnection customer is proposing to develop a distributed generation facility or modifying an existing distributed generation facility consistent with the interconnection request application form completed by interconnection customer on _____; and

Whereas, interconnection customer desires to interconnect the distributed generation facility with MidAmerican's electric distribution system; and

Whereas, MidAmerican has completed an interconnection system impact study and provided the results of said study to interconnection customer; and

Whereas, interconnection customer has requested MidAmerican to perform an interconnection facilities study to specify and estimate the cost of the equipment, engineering, procurement and construction work needed to interconnect the distributed generation facility;

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

1. All terms defined in Section 466.30 of the Illinois Distributed Generation Interconnection Standard shall have the meanings indicated in that rule when used in this Agreement.



SECTION 9 – FORMS AND AGREEMENTS

INTERCONNECTION FACILITIES STUDY AGREEMENT (continued)

Recitals: (continued)

2. Interconnection customer elects and MidAmerican shall cause to be performed an interconnection facilities study consistent with Section 466.120 of the Illinois Distributed Generation Interconnection Standard.
3. The scope of the interconnection facilities study shall be determined by the information provided in Attachment A to this Agreement.
4. An interconnection facilities study report (1) shall provide a description, estimated cost of distribution upgrades, and a schedule for required facilities to interconnect the distributed generation facility to MidAmerican's electric distribution system; and (2) shall address all issues identified in the interconnection system impact study (or identified in this study if the system impact study is combined herein).
5. Interconnection customer shall provide a study deposit of 100% of the estimated nonbinding study costs at least 20 business days prior to the date upon which the study commences.
6. In cases where no distribution upgrades are required, the interconnection facilities study shall be completed and the results shall be transmitted to interconnection customer within 15 business days after this Agreement is signed by the Parties. In cases where distribution upgrades are required, the interconnection facilities study shall be completed and the results shall be transmitted to interconnection customer within 30 business days after this Agreement is signed by the Parties.
7. Study fees shall be based on actual costs and will be invoiced to interconnection customer after the study is transmitted to interconnection customer. The invoice shall include an itemized listing of employee time and costs expended on the study.

New



SECTION 9 – FORMS AND AGREEMENTS

INTERCONNECTION FACILITIES STUDY AGREEMENT (continued)

Recitals: (continued)

8. Interconnection customer shall pay any actual study costs that exceed the deposit within 30 calendar days on receipt of the invoice. MidAmerican shall refund any excess deposit amount within 30 calendar days after the invoice.

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.

[Insert name of interconnection customer]

Signed: _____

Name (Printed): _____ Title: _____

MidAmerican Energy Company

Signed: _____

Name (Printed): _____ Title: _____

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT A – INTERCONNECTION FACILITIES STUDY AGREEMENT

Minimum Information that the Interconnection Customer Must Provide with the Interconnection Facilities Study Agreement

Provide location plan and simplified one-line diagram of the distributed generation facilities.

For staged projects, please indicate size and location of planned additional future generation.

On the one-line diagram, indicate the generation capacity attached at each metering location. (Maximum load on CT/PT).

On the one-line diagram, indicate the location of auxiliary power. (Minimum load on CT/PT) Amps.

One set of metering is required for each generation connection to MidAmerican’s electric distribution system.

Number of generation connections: _____

Will an alternate source of auxiliary power be available during CT/PT maintenance?
Yes _____ No _____

Will a transfer bus on the generation side of the metering require that each meter set be designed for the total distributed generation capacity? Yes _____ No _____
(Please indicate on the one-line diagram).

What type of control system or PLC will be located at the distributed generation facility?
_____.

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

New



SECTION 9 – FORMS AND AGREEMENTS

ATTACHMENT A – INTERCONNECTION FACILITIES STUDY AGREEMENT
(continued)

Minimum Information that the Interconnection Customer Must Provide with the
Interconnection Facilities Study Agreement (continued)

Please provide a scale drawing of the site. Indicate the point of interconnection, distribution line, and property lines.

Number of third party easements required for MidAmerican’s interconnection facilities:

To be Completed in Coordination with MidAmerican

Is the distributed generation facility located in MidAmerican’s service area?

Yes _____ No _____

If No, please provide name of local provider: _____

Please provide the following proposed schedule dates:

Begin construction date: _____

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

Commissioning testing date: _____

Witness testing date: _____

Commercial operation date: _____

New



MidAmerican Energy Company
 Schedule of Rates For
 Electric Service in Illinois

Ill C. C. No. 10
 Original Sheet No. 364

Standard Residential Bill Form

<p>Customer Service: 888-427-5632 PO Box 8020 Davenport IA 52808-8020 www.midamericanenergy.com</p>	<table border="1"> <tr> <th>ACCOUNT NUMBER</th> <th>DUE DATE</th> <th>AMOUNT DUE</th> </tr> <tr> <td>12345 - 67890</td> <td>December 13, 2013</td> <td>\$92.96</td> </tr> </table>	ACCOUNT NUMBER	DUE DATE	AMOUNT DUE	12345 - 67890	December 13, 2013	\$92.96
	ACCOUNT NUMBER	DUE DATE	AMOUNT DUE				
12345 - 67890	December 13, 2013	\$92.96					
<p>Service Address: JOHN DOE 123 MAIN ST CITY IL 12345</p>	<p>Date: 11/21/13 BG 15</p>						

ACCOUNT SUMMARY

LAST BILL AMOUNT	PAYMENTS RECEIVED	AMOUNT DUE
\$102.50	\$102.50	\$92.96

If payment is received after December 13, 2013, a late payment charge of \$1.39 will be assessed on your next bill.

ELECTRIC CHARGES

Meter No: S44444444	Rate: RS Residential	Winter	10/22/13 to 11/20/13 29 billing days	
Company Reading 11/20/13	12425		Basic Service Charge	7.95
Company Reading 10/22/13	11804		Meter Service Charge	1.83
Total kWh	621		Supply Charge	621 x 0.02787 17.31
			Delivery Charge	621 x 0.03190 19.81
			Fuel Adjustment Clause (kWh)	621 x 0.01170 7.27
			Transmission Service Charge	621 x 0.00501 3.11
			Electricity Excise Tax	2.05
			Total	\$59.33

GAS CHARGES

Meter No: AE11111111	Rate: RV1 Residential	10/22/13 to 11/20/13 29 billing days	
Company Reading 11/20/13	6471	Basic Service Charge	13.14
Company Reading 10/22/13	6446	Meter Class 1 Charge	2.83
Total ccf	25	Distribution Charge	26 x 0.08660 2.25
25 ccf x 0.995 pressure x 1.031 BTU factor = 26 therms		Gas Supply Charge	26 x 0.56755 14.76
		Illinois CC Assessment	0.03
		State Utility Tax	0.62
		Total	\$33.63

MESSAGE CENTER

If you have a question regarding your bill, service or another issue, please call us toll free at 888-427-5632. Customer service associates are available 24 hours a day, seven days a week to help you. Customers using a TDD can reach us at 800-747-0583. If you prefer to conduct business electronically, various online customer services are available at www.midamericanenergy.com.

Electric consumption is metered in units of kilowatt hours (kWh). One kWh is the amount of electric energy used to keep one 100-watt light bulb burning for 10 hours.

Keep Page 1 of 2

Send **If payment is received after December 13, 2013, a late payment charge of \$1.39 will be assessed on your next bill.**

<p>JOHN DOE 123 MAIN ST CITY IL 12345</p>	<table border="1"> <tr> <th>ACCOUNT NUMBER</th> <th>DUE DATE</th> <th>AMOUNT DUE</th> </tr> <tr> <td>12345 - 67890</td> <td>December 13, 2013</td> <td>\$92.96</td> </tr> </table>	ACCOUNT NUMBER	DUE DATE	AMOUNT DUE	12345 - 67890	December 13, 2013	\$92.96
ACCOUNT NUMBER	DUE DATE	AMOUNT DUE					
12345 - 67890	December 13, 2013	\$92.96					

ICF104500001010100018

I want to contribute to the I CARE program

\$1
 \$5
 \$10
 Other Amount

Monthly One Time

MidAmerican Energy Company
 PO Box 8020
 Davenport IA 52808-8020
 15 BG 15

0100123456789090000000929600000009435000000000000

No. 1
 Sheet
 3.45



MidAmerican Energy Company
 Schedule of Rates For
 Electric Service in Illinois

Ill C. C. No. 10
 Original Sheet No. 365

Standard Residential Bill Form

ACCOUNT NUMBER	DUE DATE	AMOUNT DUE
12345 - 67890	December 13, 2013	\$92.96

Customer Service: 888-427-5632
 PO Box 8020 Davenport IA 52808-8020
 www.midamericanenergy.com

Service Address: JOHN DOE
 123 MAIN ST
 CITY IL 12345

Date: 11/21/13

MESSAGE CENTER (continued)

Natural gas consumption is measured by volume. One ccf is equivalent to 100 cubic feet. The ccf's used during a billing period are converted to therms for billing. A therm is a standardized billing unit that represents the heating value of the gas sold.

USAGE PROFILE

ELECTRIC USAGE PROFILE				
PERIOD	DAYS	AVG COST PER DAY	AVG USE PER DAY	AVG TEMP
11/2013	29	\$2.05	21.41 kWh	42
11/2012	29	\$2.30	22.40 kWh	44

GAS USAGE PROFILE				
PERIOD	DAYS	AVG COST PER DAY	AVG USE PER DAY	AVG TEMP
11/2013	29	\$1.21	0.90 Therms	42
11/2012	29	\$1.52	1.41 Therms	44

Log into your Web account at www.midamericanenergy.com to view and download additional usage information. If you don't have a Web account, simply set one up as a new user.

Page 2 of 2

No. 1
 Sheet
 3.46



RATE RS – RESIDENTIAL SERVICE

AVAILABLE

Service under this rate is available to any Residential Illinois Customer for use in a single-family dwelling unit with an annual billed energy usage of 50,000 kWh or less. This service is not available for resale, standby or supplemental service.

APPLICATION

Service under this rate schedule will be furnished only to a single occupancy dwelling. In the case of multifamily dwellings with two (2) or more living units, where service to each individual unit is metered separately, electricity used for hallway lighting may be served under this rate and may be connected to one (1) of the apartment meters.

Where a portion of a dwelling is used regularly for business or professional purposes, the premises will be classified as non-residential and the appropriate price schedule applied. However, if the service for residential purposes can be metered separately through appropriate wiring, the residential classification will be applied to such service.

Service in this classification is not available for multiple dwellings with two (2) or more distinct living quarters or rooming houses with more than four (4) rooms occupied by persons not members of the customer's immediate family.

Service in the classification is not available to unattached structures or other separately-served facilities on residential premises and shall be served under a qualifying non-residential rate.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

No. 1
Sheets
5-5.10



RATE RS – RESIDENTIAL SERVICE (continued)

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$7.50		
<u>Meter Charge:</u>	\$1.83		
<u>Supply Charge:</u>		<u>Summer</u>	<u>Winter</u>
First 1,000 kWh		\$0.05697	\$0.02787
All over 1,000 kWh		\$0.05697	\$0.00922
<u>Delivery Charge:</u>			
All kWh	\$0.03098		

Summer: Applicable during the four (4) monthly billing periods of June through September.

Winter: Applicable during the eight (8) monthly billing periods of October through May.

No. 1
Sheet
5



RATE RS – RESIDENTIAL SERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to the following clauses and riders:

1. EAA – Energy Assistance Adjustment
2. EECR – Energy Efficiency Cost Recovery Adjustment
3. FAC – Fuel Adjustment Clause
4. MTA – Municipal Tax Addition
5. ND – Nuclear Decommissioning Factor
6. RCA – Renewable Energy Resources and Coal Technology Development Assistance Charge
7. STA – State Utility Tax Addition
8. TS – Transmission Service Rider

No. 1
Sheets
5-5.10

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the energy assistance charge and the Renewable Energy Resources and Coal Technology Development Assistance charge, and applicable energy charges for the month.

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.



RATE GE – GENERAL ENERGY SERVICE

AVAILABLE

Service under this rate is available to any Residential customer with annual usage greater than 50,000 kWh and any Non-Residential Illinois Customer. This service is not available for resale, standby or supplemental service.

APPLICATION

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single- or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

No. 1
Sheets
8 and
14



RATE GE – GENERAL ENERGY SERVICE (continued)

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$10.00
<u>Meter Charge:</u>	\$ 2.89
<u>Supply Charge:</u>	<u>Per kWh</u>
Summer	
First 5,000 kWh	\$0.05031
Over 5,000 kWh	\$0.04392
Winter	
First 5,000 kWh	\$0.02747
Over 5,000 kWh	\$0.01106
<u>Delivery Charge:</u>	
All kWh	\$0.02813
<u>Delivery Surcharge:</u>	
All kWh over 40,000	\$0.00687

Summer: Applicable during the four (4) monthly billing periods of June through September.

Winter: Applicable during the eight (8) monthly billing periods of October through May.

No. 1
Sheets
8 and
14



RATE GE – GENERAL ENERGY SERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

1. EAA – Energy Assistance Adjustment
2. EECR – Energy Efficiency Cost Recovery Adjustment
3. EF – Excess Facilities
4. FAC – Fuel Adjustment Clause
5. MTA – Municipal Tax Addition
6. ND – Nuclear Decommissioning Factor
7. RCA - Renewable Energy Resources and Coal Technology Development Assistance Charge
8. STA – State Utility Tax Addition
9. TS – Transmission Service Rider

No. 1
Sheets
8 and
14

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the Energy Assistance Charge and the Renewable Energy Resources and Coal Technology Development Assistance Charge, and applicable energy charges for the month.

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.



RATE GE – GENERAL ENERGY SERVICE (continued)

ADJUSTMENT FOR PRIMARY METERING

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantity shall be the basis of billing the charges hereunder.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.

No. 1
Sheets
8 and
14



RATE GD – GENERAL DEMAND SERVICE

AVAILABLE

Service under this rate is available to any Non-Residential Illinois Customer. This service is not available for resale.

APPLICATION

Applicable for firm use of the Company’s electric service furnished to a single Premises through one (1) meter.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single- or three-phase, at secondary voltages offered by the Company, and as further described in the Company’s terms and conditions.

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$ 20.00		
<u>Meter Charge:</u>	\$ 5.11		
<u>Supply Charge:</u>		<u>Summer</u>	<u>Winter</u>
First 200 hours x kW of Demand	\$ 0.05215	\$ 0.02266	
Next 200 hours x kW of Demand	\$ 0.04229	\$ 0.02157	
Over 400 hours x kW of Demand	\$ 0.03572	\$ 0.02049	
<u>Delivery Charge:</u>			
All kW	\$6.94		

Summer: Applicable during the four (4) monthly billing periods of June through September.

Winter: Applicable during the eight (8) monthly billing periods of October through May.



RATE GD – GENERAL DEMAND SERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

1. COT – Customer Owned Transformers
2. CS – Curtailment Service
3. EAA – Energy Assistance Adjustment
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. EF – Excess Facilities
6. FAC – Fuel Adjustment Clause
7. MTA – Municipal Tax Addition
8. ND – Nuclear Decommissioning Factor
9. RCA - Renewable Energy Resources and Coal Technology Development Assistance Charge
10. SPS – Standby and Supplementary Power Service
11. STA – State Utility Tax Addition
12. TS – Transmission Service Rider

No. 1
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9 and
9.10

BILLING DEMAND

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 30-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 10 kW.

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the Energy Assistance Charge and the Renewable Energy Resources and Coal Technology Development Assistance Charge, and applicable energy and charges for the Billing Demand for that month.



RATE GD – GENERAL DEMAND SERVICE (continued)

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

ADJUSTMENT FOR PRIMARY METERING

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered demand and energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantities shall be the basis of billing the charges hereunder.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and applicable Clauses and Riders included in this electric tariff schedule.

No. 1
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9.10 and
9.20



RATE LST – LARGE ELECTRIC TIME-OF-USE SERVICE

AVAILABLE

Service under this rate is available to any Non-Residential Illinois Customer. This service is not available for resale. This service is available to standby or supplementary service, under written agreement only, in conjunction with applicable Company riders for such service.

APPLICATION

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single-or three-phase, at primary voltages offered by the Company, and as further described in the Company's terms and conditions.

No. 1
Sheet
10



RATE LST – LARGE ELECTRIC TIME-OF-USE SERVICE (continued)

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$ 80.00	
<u>Meter Charge:</u>	\$124.63	
<u>Supply Charge:</u>	<u>Summer</u>	<u>Winter</u>
On-Peak	\$0.05690	\$0.02156
Off-Peak	\$0.02937	\$0.01495
All Other	\$0.04344	\$0.02156
<u>Delivery Charge:</u>		
All kW	\$4.03	
<u>Reactive Demand Charge:</u>	\$ 0.50 per kVar	

Summer: Applicable during the four (4) monthly billing periods of June through September.

Winter: Applicable during the eight (8) monthly billing periods of October through May.

On-Peak Hours: Hours between 1:00 p.m. and 6:00 p.m. Monday through Friday.

Off-Peak Hours: Hours between 10:00 p.m. and 8:00 a.m. every day.

All Other Hours: All hours not included in the definition of On-Peak or Off-Peak Hours.

On-Peak hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

No. 1
Sheet
10



RATE LST – LARGE ELECTRIC TIME-OF-USE SERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

1. COT – Customer Owned Transformers
2. CS – Curtailment Service
3. EAA – Energy Assistance Adjustment
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. EF – Excess Facilities
6. FAC – Fuel Adjustment Clause
7. MTA – Municipal Tax Addition
8. ND – Nuclear Decommissioning Factor
9. RCA - Renewable Energy Resources and Coal Technology Development Assistance Charge
10. SPS – Standby and Supplementary Power Service
11. STA – State Utility Tax Addition
12. TS – Transmission Service Rider

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BILLING DEMAND

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 30-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 200 kW.



RATE LST – LARGE ELECTRIC TIME-OF-USE SERVICE (continued)

REACTIVE DEMAND CHARGE

A reactive demand charge shall be made for each kVar by which the customer's maximum reactive demand in kVar is greater than fifty (50) percent of the customer's maximum kW demand in the same month.

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the Energy Assistance Charge and the Renewable Energy Resources and Coal Technology Development Assistance Charge, and applicable energy and charges for the Billing Demand for that month.

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

ADJUSTMENT FOR SECONDARY METERING

The Company may, at its sole option, install the metering equipment on the low-voltage side of the service transformers. In that event, the customer's metered demand and energy shall be increased by one and two-tenths percent (1.2%) and such increased quantities shall be the basis of billing the charges hereunder.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and applicable Clauses and Riders included in this electric tariff schedule.

No. 1
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RATE VLT – VERY LARGE ELECTRIC TIME-OF-USE SERVICE

AVAILABLE

Service under this rate is available to any Non-Residential Illinois Customer where service is taken at the Company's untransformed line voltage.

This service is not available for resale. This service is available to standby or supplementary service, under written agreement only, in conjunction with applicable Company riders for such service.

APPLICATION

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single-or three-phase, at primary voltages offered by the Company, and as further described in the Company's terms and conditions.

No. 1
Sheet
11



RATE VLT – VERY LARGE ELECTRIC TIME-OF-USE SERVICE (continued)

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$ 1,400.00	
<u>Meter Charge:</u>	\$ 348.61	
<u>Supply Charge:</u>	<u>Summer</u>	<u>Winter</u>
On-Peak	\$0.05887	\$0.02038
Off-Peak	\$0.02954	\$0.01360
All Other	\$0.04423	\$0.02038
<u>Delivery Charge:</u>		
All kW	\$0.78	
<u>Reactive Demand Charge:</u>	\$ 0.50 per kVar	

Summer: Applicable during the four (4) monthly billing periods of June through September.

Winter: Applicable during the eight (8) monthly billing periods of October through May.

On-Peak Hours: Hours between 1:00 p.m. and 6:00 p.m. Monday through Friday.

Off-Peak Hours: Hours between 10:00 p.m. and 8:00 a.m. every day.

All Other Hours: All hours not included in the definition of On-Peak or Off-Peak Hours.

On-Peak hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

No. 1
Sheet
11



RATE VLT – VERY LARGE ELECTRIC TIME-OF-USE SERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

1. COT – Customer Owned Transformers
2. CS – Curtailment Service
3. EAA – Energy Assistance Adjustment
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. EF – Excess Facilities
6. FAC – Fuel Adjustment Clause
7. MTA – Municipal Tax Addition
8. ND – Nuclear Decommissioning Factor
9. RCA – Renewable Energy Resources and Coal Technology Development Assistance Charge
10. SPS – Standby and Supplementary Power Service
11. STA – State Utility Tax Addition
12. TS – Transmission Service Rider

No. 1
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BILLING DEMAND

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 30-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 10,000 kW.



RATE VLT – VERY LARGE ELECTRIC TIME-OF-USE SERVICE (continued)

REACTIVE DEMAND CHARGE

A reactive demand charge shall be made for each kVar by which the customer's maximum reactive demand in kVar is greater than fifty (50) percent of the customer's maximum kW demand in the same month.

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the Energy Assistance Charge and the Renewable Energy Resources and Coal Technology Development Assistance Charge, applicable energy charges and charges for the Billing Demand for that month. No minimum monthly charge shall be less than a demand charge applicable for a billing demand of 10,000 kilowatts.

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

ADJUSTMENT FOR SECONDARY METERING

The Company may, at its sole option, install the metering equipment on the low-voltage side of the service transformers. In that event, the customer's metered demand and energy shall be increased by one and two-tenths percent (1.2%) and such increased quantities shall be the basis of billing the charges hereunder.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and applicable Clauses and Riders included in this electric tariff schedule.

No. 1
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11.20



RATE SL – STREET LIGHTING

AVAILABLE

Availability is on a permanent and continuing basis to municipalities or other divisions or agencies of state or federal government for the purpose of lighting public streets, highways, and other outdoor areas freely accessible to the public and by Company service vehicles. Company-owned mercury vapor street lights are not available for new installations or replacement of worn-out lights. This service is not available to homeowner associations.

SERVICE TO BE FURNISHED

Company-owned lights to be supplied hereunder shall be at locations of existing installations contracted for and at new locations where additional lights are requested by the municipality or other governmental unit. Such additional installations will be made by the Company upon receipt of written order from the municipality provided, however, any line extension required shall not exceed 400 feet of overhead secondary. Longer secondary line extensions and additional facilities required to provide service will be subject to excess facilities charges under Rider No. EF.

If a customer requests a Company-owned light be permanently removed or replaced, the customer shall pay the cost of removal. If the Company-owned light has been in service less than 16 years, the customer must also pay the undepreciated value of the removed facilities which are not reusable by the Company.

No. 1
Sheet
12



RATE SL – STREET LIGHTING

NET RATES

Supply Charge

All street lights will be charged a supply charge of \$0.01666 per kWh.

Delivery Charge

The following rates shall apply to Rate SL and will be charged on a \$/light/month basis:

		<u>Mercury Vapor</u>		
<u>Watt</u>	<u>kWh</u>	<u>Rate SL(a)</u>	<u>Rate SL (b)</u>	<u>Rate SL(c)</u>
100	47	\$ 7.38		
175	75	\$ 8.27	\$ 5.11	\$ 1.49
250	108	\$ 9.15	\$ 5.77	\$ 2.14
400	165		\$ 6.90	\$ 3.27
1,000	385			\$ 7.64

		<u>High Pressure Sodium</u>		
<u>Watt</u>	<u>kWh</u>	<u>Rate SL(a)</u>	<u>Rate SL (b)</u>	<u>Rate SL(c)</u>
70	33			\$ 0.65
100	47	\$ 7.38		\$ 0.93
150	68	\$ 8.08		\$ 1.35
250	108	\$ 9.15	\$ 5.77	\$ 2.14
400	165	\$10.66	\$ 6.90	\$ 3.27

		<u>Metal Halide</u>		
<u>Watt</u>	<u>kWh</u>	<u>Rate SL(a)</u>	<u>Rate SL (b)</u>	<u>Rate SL(c)</u>
70	33			\$ 0.65
100	47			\$ 0.93
175	75			\$ 1.49
250	108			\$ 2.14
400	165			\$ 3.27
1,000	385			\$ 7.64

No. 1
 Sheets
 12
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 12.10



RATE SL – STREET LIGHTING (continued)

NET RATES (continued)

<u>Comparable Watt</u>	<u>LED Lights kWh</u>	<u>Rate SL(a)</u>
100	12	\$ 5.48
150	32	\$ 6.29
250	61	\$ 8.23

Where:

- Rate SL(a) refers to Company-owned and maintained lights
- Rate SL(b) refers to Customer-owned and Company-maintained lights
- Rate SL(c) refers to Customer-owned and maintained lights

If the customer requires the Company to install luminaires at a mounting height greater than can be achieved on existing wood poles, the customer will be required to pay the Company a Nonrefundable Contribution to cover the cost of changing the pole to taller heights and/or rearranging the facilities.

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

1. EAA – Energy Assistance Adjustment
2. EF – Excess Facilities
3. FAC – Fuel Adjustment Clause
4. MTA – Municipal Tax Addition
5. ND – Nuclear Decommissioning Factor
6. RCA - Renewable Energy Resources and Coal Technology Development Assistance Charge
7. STA – State Utility Tax Addition
8. TS – Transmission Service Rider

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No. 1
 Sheet
 12



RATE SL – STREET LIGHTING (continued)

TIME SCHEDULES FOR STREET LIGHTS

Company-owned and customer-owned street lights will be scheduled on every night from thirty (30) minutes after sunset until thirty (30) minutes before sunrise the following day.

All street lights will be controlled on and off by a photo-electric device actuated by intensity of natural light and such device will be set to cause street lights so controlled to burn as nearly as possible on the above schedule.

Customer-owned street lights may also be controlled by other devices by mutual consent of the Company.

MINIMUM CHARGE

The minimum charge will be based on the number of lamps in service.

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

MONTHLY BILLING:

Bills shall be rendered monthly for service hereunder.

INTERRUPTION OF SERVICE

All maintenance of lighting equipment will be done only during normal working hours within a reasonable period following notification by the customer of the need for such maintenance.

No. 1
Sheet
12.20



RATE SL – STREET LIGHTING (continued)

SERVICE TO OTHER GOVERNMENTAL AGENCIES

The rates provided herein shall be available to other governmental agencies contracting to take street lighting service for not less than a five-year period in areas outside incorporated municipalities where the Company owns and operates suitable electric distribution facilities. Company-owned and installed lights will be connected as described in the Service To Be Furnished Section.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.

No. 1
Sheet
12.30



RATE AL – AREA LIGHTING

Available on a permanent and continuing basis for the lighting of entrances, driveways, and other private areas accessible by Company service vehicles and adjacent to existing 120/240-volt overhead distribution circuits of the Company or where such circuits may be extended to supply overhead lighting units. Mercury vapor lights are not available for new installations or replacement of worn-out lights.

SERVICE TO BE FURNISHED

The Company will install, own, and maintain the lighting fixture on an existing distribution pole line and furnish electricity and lamp renewals as required to operate the light from dusk to dawn each night. Such service will also be furnished at locations adjacent to an existing distribution pole line of the Company with the lighting fixtures mounted on suitable poles owned and maintained by the customer or on additional standard distribution poles owned by the Company.

The determination of the method of supply and type of facilities rests solely with the Company. This type of service will be furnished only if practical and safe from the standpoint of the Company and will not be supplied to light fixtures attached to buildings or where the installation of such lights would create an unusual hazard.

No. 1
Sheet
13



RATE AL – AREA LIGHTING (continued)

NET RATES

Supply Charge

All area lighting will be charged a supply charge of \$0.01666 per kWh.

Delivery Charge

Poles and Spans

Customers taking Service under Rate AL shall be subject to the following delivery charges for additional poles and spans:

\$3.11 per month for each wood distribution pole (not over 40 feet) required in addition to existing poles

\$13.27 per month for each metal distribution pole (not over 40 feet) required in addition to existing poles.

\$2.98 per month for each additional span of overhead circuit.

\$3.26 per month for each additional span of underground circuit.

Area Lighting Delivery Rates

The following delivery rates shall apply to Rate AL and will be charged on a \$/light/month basis:

<u>Watt</u>	<u>kWh</u>	<u>Mercury Vapor</u>
100	47	\$ 5.89
175	75	\$ 6.66
250	108	\$ 7.74
400	165	\$ 9.10
1,000	385	\$14.23

<u>Watt</u>	<u>kWh</u>	<u>High Pressure Sodium</u>
100	47	\$ 5.89
150	68	\$ 6.41
250	108	\$ 7.74
400	165	\$ 9.10

No. 1
Sheet
13



RATE AL – AREA LIGHTING (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

1. EAA – Energy Assistance Adjustment*
2. FAC – Fuel Adjustment Clause
3. MTA – Municipal Tax Addition
4. ND – Nuclear Decommissioning Factor
5. RCA - Renewable Energy Resources and Coal Technology Development Assistance Charge*
6. STA – State Utility Tax Addition
7. TS – Transmission Service Rider

* unless these charges are reflected in other rates paid by the same customer at the same premise

Minimum Charge

The minimum charge will be based on lights, poles, and additional spans under contract.

No. 1
Sheet
13



RATE AL – AREA LIGHTING (continued)

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month of the utility service past due amount will be added to the amount of the bill where payment is not made within twenty-one days for residential customers and fifteen days for non-residential customers from the date of the bill.

CONTRACT PROVISIONS

Contracts hereunder are subject to the following in addition to the above net monthly rate and late payment charge:

1. All facilities furnished hereunder shall remain the property of the Company and will be maintained by the Company.
2. Maintenance of lamp equipment will be done only during normal working hours within a reasonable period following notification by the customer of the need for such maintenance. The Company shall be permitted to enter the customer's premises at all reasonable times for the purpose of inspection, maintenance, installation, and removal of its equipment and facilities.
3. The customer is responsible for all damages to or loss of the Company's property located upon his premises unless occasioned by the Company's negligence or by any cause beyond the control of the customer.

No. 1
Sheet
13.10

TERM OF CONTRACT

An initial term of one (1) year and thereafter until terminated by ninety (90) or more days' prior written notice given by either party to the other.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.



RATE SW - QUALIFIED SOLID WASTE ENERGY FACILITY PURCHASES

APPLICABILITY

This rate is applicable to a Qualified Solid Waste Energy Facility (Facility) as defined in Section 8-403.1 of the Illinois Public Utilities Act (Act). A determination by the Illinois Commerce Commission that the Facility qualifies under the terms of Section 8-403.1(b) of the Act is required before service will be permitted hereunder.

COMPENSATION

Prior to the Facility's first billing period under this rate, the Company will calculate the average amount per kilowatt-hour (Estimate) paid by the Participating Unit(s) using bills issued to such Participating Units(s) in the twelve (12) most recent months. The Estimate will then be used to compute compensation for energy purchased hereunder until a subsequent Estimate is established. Compensation payments by the Company shall be made within fifteen (15) days from the date the meter is read. Within three (3) billing periods after the close of each twelve (12) billing periods (billing year) for the Facility, the Company shall calculate the actual average amount paid per kilowatt-hour by the Participating Unit(s), based on the bills issued to such Participating Unit(s) in the billing year, and submit a complete reconciliation statement. If compensation for the billing year using the actual average exceeds the amount provided using the Estimate, the Company shall make an appropriate compensation payment along with the reconciliation statement. If compensation using the actual average is less than the amount provided using the Estimate, the operator or owner of the Facility shall make an appropriate refund within thirty (30) days of receiving the statement. The actual average so calculated will then be used as the Estimate starting with the fourth (4th) billing period in each respective billing year. In the event of a change in base rates, the Estimate being used, or the Estimate being determined from the reconciliation, shall be adjusted so that it will reflect such change.

Participating Unit(s) shall be defined as the unit or units of local government owning, or served by, the Facility; however, in the case of a Facility fueled by landfill-generated methane, Participating Unit(s) shall mean the unit or units of local government in which the Facility is located. Unit of local government shall be as defined in Section 2 of the "Local Solid Waste Disposal Act."

Calculations to determine the average amount per kilowatt-hour paid shall be made by taking the amounts paid for kilowatt-hours supplied by the Company to the Participating Unit(s), excluding amounts paid for kilowatt-hours supplied under Rate SL,

No. 1
Sheets
31
and
31.10



RATE SW - QUALIFIED SOLID WASTE ENERGY FACILITY PURCHASES (continued)

Street Lighting, and dividing by the total number of kilowatt-hours supplied by the Company to the Participating Unit(s) for the services included above. Without limiting the generality of the foregoing provision, such calculations shall include all items used for billing such as, but not limited to, Basic Service Charges, Demand Charges, Supply charges, Delivery charges, Fuel Cost Adjustment, Transmission service, Nuclear Decommissioning Factor, and applicable Tax Additions.

For any billing period or portion thereof, if the compensation resulting from applying the rates established in Rate QF, Cogeneration and Small Power Production Facilities, is greater than the compensation resulting from applying the Estimate or the actual average, such higher value shall be used.

In the event that the purchase by the Company of all electric energy pursuant to this rate is expected to result in monthly tax credits for the Company which will exceed its tax obligations under The Public Utilities Revenue Act, the Facilities shall be paid the purchase rate specified in this rate on a "first come, first served" basis determined from the date that each Facility has obtained, and continues to hold, a valid development permit under Section 39 of the Illinois Environmental Protection Act and, for a Facility other than that fueled by methane gas generated from landfills, a service agreement with a unit or units of local government. After all available tax credits are used, remaining electric energy purchases from the Facilities shall be compensated pursuant to Rate QF.

If the same Participating Unit(s) are the Participating Unit(s) with respect to more than one Facility, the Company will have the option to establish the same billing year for all such Facilities.

SERVICE AND METERING FACILITIES

The customer shall reimburse the Company for the cost of metering facilities and any other facilities the Company must install to connect the Facility to the Company's system, to the extent the cost of such facilities exceeds the cost of facilities the Company would provide as standard under its otherwise applicable tariff provisions. In addition, the customer shall reimburse the Company for any operating and maintenance expenses it incurs because of the connection of the Facility to the Company's system.

The amount of such reimbursement may be based on flat charges of general applicability to the extent practical.

No. 1
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31.10
and
31.20



RATE SW - QUALIFIED SOLID WASTE ENERGY FACILITY PURCHASES (continued)

The customer shall install or, if installed by the Company, shall pay for any equipment that may be required by the Company for reasons of safety or to prevent interference with service to other customers. The equipment to be installed shall include, but not be limited to, a disconnect device to which the Company has access and which it can lock in an open position to disconnect the Facility's generation from the Company's system.

LIABILITY

The customer shall indemnify the Company and its other customers against any liability for personal injury or property damage arising from or created by the interconnection or operation of the Facility. The customer shall also furnish the Company with evidence of insurance, in a form acceptable to the Company and naming the Company as an additional named insured, with minimum limits of \$2,000,000 per occurrence.

TERM OF CONTRACT

Each customer served hereunder must enter into a written contract with the Company which incorporates, but is not limited to, the provisions of this rate. Such contract will commence on the date that the Facility begins generating electricity and have duration of not less than twenty (20) years, or not less than ten (10) years in the case of a Facility fueled by landfill-generated methane.

GENERAL

The Facility may be disconnected by the Company from its system whenever, in the sole opinion of the Company, such action is required by an emergency, for reasons of safety or due to interference with service to other customers. The Facility shall be subject to the following sections of Rate QF: Equipment Furnished and Maintained by Qualifying Facility, Permits and Inspections Fees, Access to Premises, and Quality of Service. The Facility shall also be subject to the Company's reasonable requirements with respect to voltage level of output and the production of reactive power.

Except as specified above, all other provisions of the customer's normal service rate shall apply.

No. 1
Sheet
31.20



RATE NM – NET METERING OF ELIGIBLE RENEWABLE ELECTRICAL GENERATING FACILITIES

AVAILABLE

This rate schedule is available to any retail Customer in the Company's Illinois electric service area that owns or operates an Eligible Renewable Electrical Generation Facility that is located on the Eligible Customer's premises and is intended primarily to offset the Customer's own electrical requirements.

APPLICABILITY

- Successfully complete an application for service in compliance with 83 Ill. Adm. Code 465. Application for service is available at www.midamericanenergy.com.
- Comply with the interconnection requirements within 83 Ill. Adm. Code 466.
- Operate Eligible Renewable Electrical Generating Facilities ("Generation") as defined by Section 16-107.5 of the Public Utilities Act (220 ILCS 5/16-107.5) and in compliance with 83 Ill. Adm. Code Part 465.
- Operate at one geographic location on their premises or point of service from the Company.
- Operate 2,000 kW nameplate Generation or less.
- Generation is intended to primarily serve the electric requirements of the owner.

No. 1
Sheets
32-32.14

LIMITATION OF THIS RATE SCHEDULE

This rate schedule shall be available to Eligible Customers until the sum of the nameplate generation under Rate NM – Net Metering of Eligible Renewable Electrical Generating Facilities equals five percent (5%) of MidAmerican's total peak demand supplied in Illinois during the previous calendar year. MidAmerican will notify the Illinois Commerce Commission when the sum of the nameplate generation under Rate NM is equal to or over the five percent (5%) cap.

A customer is not allowed to simultaneously take this service and service under Rate QF.



**RATE NM – NET METERING OF ELIGIBLE RENEWABLE
ELECTRICAL GENERATING FACILITIES (continued)**

METERING REQUIREMENTS

Prior to receiving service under this Rate, a Customer must have metering equipment that can measure the flow of energy in both directions at the same rate and ratio. If the existing meter does not meet this requirement:

- For Eligible Customers purchasing energy on non time-of-use rates, the Energy Provider (Company or RES) (EP) shall make arrangements and be responsible for the cost of installing metering.
- For Eligible Customers purchasing energy on time-of-use rates, the Eligible Customer shall make arrangements with the EP and be responsible for the cost of installing metering.

No. 1
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32-32.14

CALCULATION OF CHARGES AND CREDITS

The Company shall measure and charge or credit the net electricity delivered to the Customer based on the tariffed rate that would be applicable if not a Net Metering Customer. Such tariffed rate shall be determined by the Customer's total electric service requirements, including Customer's generation.



**RATE NM – NET METERING OF ELIGIBLE RENEWABLE
ELECTRICAL GENERATING FACILITIES (continued)**

NON-TIME-OF-USE RATES

Purchaser of Energy

Where the Eligible Customer's meter readings result in net energy purchases, the billing shall be as follows:

- The Company shall charge the Customer for Delivery and other services provided at the applicable tariff rate. Delivery service and other charges shall be based on the net amount of energy used by the Customer during each time period.
- The EP shall calculate energy charges based on the net amount of electricity purchased multiplied by the tariffed or contract rate, as applicable.

Seller of Energy

Where the Eligible Customer's meter readings result in net energy sales, the billing shall be as follows:

- The Customer shall receive a kWh delivery service credit from the Company equal to the net amount of electricity supplied by the Customer during the billing period. Delivery service credit earned by the Customer shall be carried forward and applied to subsequent billing periods to offset Customer consumption in those billing periods until all credits are used or until the end of the Annual Period.
- The Customer shall receive a kWh credit from the EP equal to the net amount of electricity supplied by the Customer during the billing period. The kWh credit shall be added to prior kWh credits earned, if any. Net energy credit earned by the Customer for energy supplied shall be carried forward and applied to subsequent billing periods by the EP to offset Customer consumption in those billing periods until all credits are used or until the end of the Annual Period.

Any unused delivery service and energy credits shall expire at the end of the Annual Period or upon termination of service.

No. 1
Sheets
32-32.14



**RATE NM – NET METERING OF ELIGIBLE RENEWABLE
ELECTRICAL GENERATING FACILITIES (continued)**

TIME-OF-USE RATES

Energy Charges or Credits

For each applicable discrete time period under time-of-use rates, the EP shall multiply the amount of net electricity purchased or supplied by the Customer times the tariffed or contract rate for electricity supply as appropriate. The calculated amounts shall be summed to determine the Customer's net energy charge or credit for the billing period. The EP shall charge or credit the Customer for net energy as applicable. If the Customer receives a net energy credit related to Company provided services, the Company shall use the credit to offset other service charges.

Delivery and Other Charges

If the amount of electricity used by the Customer during the Billing Period exceeds the amount of electricity produced by the Customer, The Company shall charge the Customer for Delivery and other services provided at the applicable tariff rate. Delivery service and other charges shall be based on the net amount of energy used by the Customer during each time period.

If the amount of electricity produced by the Customer during the Billing Period exceeds the amount of electricity used by the Customer, the Customer shall receive a credit from the Company for Delivery service equal to the net amount of electricity supplied by the Customer multiplied by the tariffed Delivery rate.

BILLING AND PAYMENT

Billing by the Company shall be rendered monthly. The term "monthly" for billing purposes hereunder shall mean the period between any two (2) consecutive regular readings by the Company for the meter(s) at the Facility, such readings to be taken as nearly as may be practicable every thirty (30) days. The billings shall be calculated using the applicable rate(s).

The Company's obligation for billing and payment to the Facility for energy delivered to the Company shall not commence until the Company has provided written approval for operation.

No. 1
Sheets
32-32.14



**RATE NM – NET METERING OF ELIGIBLE RENEWABLE
ELECTRICAL GENERATING FACILITIES (continued)**

CONTRACT TERMS AND CONDITIONS

The provisions of this rate schedule shall be deemed to be the terms and conditions of the written contract entered into by the Company for deliveries of energy from the Facility to the Company and purchases of energy by the Facility from the Company. Service hereunder is subject to the terms and conditions outlined in Ill. Adm. Code Part 465.

INTERCONNECTION

Customers served under this rate are subject to the fees, charges and other requirements specified in “Parallel Generation Operation” subsection of Section 3 of this Tariff.

RES PROVIDED NET METERING

For a customer taking electric power and energy supply service from a Retail Electric Supplier (RES) that applies for and is accepted by such RES or Meter Service Provider (MSP) for net metering provided by such RES or MSP, the Customer is responsible for ensuring that the RES provides required net metering information. The RES or MSP must provide the Company each of the following:

- Verification that the Customer is authorized for RES-provided net metering.
- The type of net metering to be provided
 - Non time of use.
 - Time of Use.
- Specification of the Annual Period applicable to the Customer.

No. 1
Sheets
32-32.14



**RATE NM – NET METERING OF ELIGIBLE RENEWABLE
ELECTRICAL GENERATING FACILITIES (continued)**

ANNUAL REPORT

Each April 1, the Company shall file an annual report with the Illinois Commerce Commission in accordance with 220 ILCS 5/16-107.5(k).

MISCELLANEOUS

Except as explicitly specified in this tariff, all other provisions of the applicable tariff or tariffs apply.

The Company's Schedule of Rates, of which this tariff is a part, includes General Terms and Conditions and other tariffs. Service hereunder is subject to the General Terms and Conditions and such other tariffs, as applicable.

Eligible Customers own and have title to the renewable energy attributes, renewable energy credits, and greenhouse gas emission credits related to any electricity produced by the Facility.

Nothing in this tariff is intended to prevent an arms-length agreement between the Company and an Eligible Customer that sets forth either:

- Different prices, terms, and conditions for the provision of Net Metering service, including but not limited to, the provision of appropriate metering equipment for nonresidential Customers.
- The ownership of title of renewable energy credits.

Nothing in this tariff is intended to affect existing retail contracts between a Retail Electric Supplier and an Eligible Customer.

No. 1
Sheets
32-32.14



RATE QF - COGENERATION AND SMALL POWER PRODUCTION FACILITIES

Available to cogeneration or small power production facilities which have met the requirements for qualifying status under 18CFR Part 292, Subpart B (hereinafter referred to as "Qualifying Facility"). This tariff is pursuant to 83 Ill. Admin. Code 430.

EQUIPMENT FURNISHED AND MAINTAINED BY QUALIFYING FACILITY

The Qualifying Facility shall provide, install, and maintain wiring, apparatus, and devices for interconnection, protection, and control, designated by the Company as being required for parallel operation, to protect equipment and people, and to permit the Company facilities to operate in a customary manner. The Qualifying Facility shall be fully responsible for the costs and performance of designing, installing, owning, operating, and maintaining its generation facility in accordance with the requirements of all applicable laws and governmental agencies having jurisdiction. All wiring and other electrical equipment on the Qualifying Facility's premises or connecting the Qualifying Facility to the Company, furnished by the Qualifying Facility, shall be suitable for the purposes hereof and shall be installed and maintained by the Qualifying Facility at all times in conformity with the requirements of the Illinois Commerce Commission rules, the National Electric Code, the National Electric Safety Code, the properly constituted local authorities, and such reasonable rules and regulations as may from time to time be promulgated by the Company.

The Qualifying Facility shall submit to the Company equipment specifications and detailed plans for review and advance written approval prior to the actual installation of its interconnection facilities, control and protective devices, and metering facilities.

The Qualifying Facility shall not operate its generator in parallel with the Company's system until the installation has been inspected by an authorized Company representative and final written approval is received from the Company to commence parallel operation.

No. 1
Sheet
30



RATE QF - COGENERATION & SMALL POWER PRODUCTION FACILITIES (continued)

The Company's approvals described herein shall not be construed as any warranty of safety, durability, or reliability of the Qualifying Facility's generation, service facilities, or control or protective devices.

PERMITS AND INSPECTION FEES

The Qualifying Facility shall secure without cost to the Company all necessary permits for the installation and operation of the electrical wiring and equipment on the Qualifying Facility's premises and to the point of interconnection. If the Qualifying Facility is not the owner of the premises, or of intervening property between the premises and the Company's lines, the Qualifying Facility shall obtain from the proper owner, or owners, the necessary easement for the installation and maintenance on said premises or such intervening property of all wiring and other electrical equipment required for sale of electricity to the Company.

ACCESS TO PREMISES

The properly authorized agents of the Company shall have free access to the Qualifying Facility's premises for the purpose of reading, examining, repairing, and/or removing the Company's meters or other facilities, including access to the interconnection switch between the Company and the Qualifying Facility.

QUALITY OF SERVICE

The Qualifying Facility shall provide a quality of voltage and current waveforms at the point of interface with the Company's facilities that will not degrade the performance of the equipment of other customers, cause abnormal heating or losses in the Company's facilities, cause metering errors, or cause objectionable interference in communication facilities.

In order to be eligible for connection to the Company's electric system, the Qualifying Facility must provide the Company with evidence for review and approval prior to connection that the generated voltage and current waveform shall meet the following criteria at the point of connection:

No. 1
Sheet
30.10



RATE QF - COGENERATION & SMALL POWER PRODUCTION FACILITIES (continued)

1. The balanced telephone influence factor (TIF), based on the 1960 weighting factors, shall not exceed the following values:

<u>kVA Rating of Machine</u>	<u>Balanced TIF</u>
0 to 299	350
300 to 699	250
700 to 4,999	150
5,000 to 19,999	100
20,000 to 99,999	70
100,000 and above	40

2. The residual component telephone influence factor, based on the 1960 weighting factors, shall not exceed the following:

<u>kVA Rating of Machine</u>	<u>Residual TIF</u>
0 to 4,999	100
5,000 to 19,999	75
20,000 to 99,999	50
100,000 and above	30

3. The square root of the sum of the squares of the amplitudes of the harmonics in the current or voltage shall not exceed five (5) percent of the amplitude of the fundamental sinusoid of the current or voltage.

SERVICE CHARGE

The Qualifying Facility shall be billed a service charge to cover billing expenses. Required services other than those covered by the service charge will be billed at applicable rates.

METERING

The Qualifying Facility shall reimburse the Company for the cost, installation, and maintenance of all metering equipment necessary for measuring and billing the electricity sold to the Company. Metering options are set forth under 83 Ill. Admin. Code 430.70.

No. 1
Sheet
30.20



RATE QF - COGENERATION & SMALL POWER PRODUCTION FACILITIES (continued)

RIGHT TO DISCONTINUE PURCHASES

The Company reserves the right to disconnect from the Qualifying Facility consistent with 83 Ill. Admin. Code 430.40(g), 430.40(i), and 430.40(j).

BILLING

Billing shall be rendered monthly. The term "month" for billing purposes hereunder shall mean the period between any two (2) consecutive regular readings by the Company of the meters at the Qualifying Facility's premises, such readings to be taken as nearly as may be practicable every thirty (30) days. The billing shall be calculated using the applicable rate. Payment by the Company, if any, shall be made to the Qualifying Facility within fifteen days from the date the meter is read. The Company's obligation for billing and payment to the Qualifying Facility for energy delivered to the Company shall not commence until the Company has provided written approval for operation.

INDEMNIFICATION

The Qualifying Facility shall, to the full extent allowed by law, protect, indemnify, and hold harmless the Company of and from any and all liability, claims, judgments, costs, and expenses of every kind and nature whatsoever, including reasonable attorney's fees, caused by, resulting from, or arising out of the operation or interconnection of the Qualifying Facility. The Qualifying Facility shall, at the Company's request, defend any suit asserting a claim covered by this indemnity. The Qualifying Facility shall pay all costs that may be incurred by the Company in enforcing this indemnity. Nothing herein shall be construed to require the Qualifying Facility to indemnify the Company against claims arising out of the Company's sole negligence.

The Company may, at its discretion, require the Qualifying Facility to maintain a policy of public liability insurance for property damage and personal injury, in an amount satisfactory to the Company. In lieu of requiring insurance, the Company may, at its discretion, require the Qualifying Facility to provide evidence of financial responsibility.

No. 1
Sheet
30.30



RATE QF - COGENERATION & SMALL POWER PRODUCTION FACILITIES (continued)

The Company will not require insurance or other evidence of financial responsibility which is greater in amount or broader in scope than is reasonably necessary to protect the Company's rights under the preceding paragraph.

COMMISSION RULES

The Qualifying Facility shall comply with all applicable rules of the Illinois Commerce Commission, including 83 Ill. Admin. Code 430.

CONTRACT

The Company will purchase energy and/or usable capacity from a Qualifying Facility that offers to sell energy and/or capacity and agrees to the terms and conditions in this tariff. The owner or operator of the Qualifying Facility shall execute a contractual agreement with the Company, which contractual agreement shall contain, among other provisions, the terms and conditions previously set forth in this tariff. Such contractual agreement shall also set forth the rate of purchase from the Qualifying Facility, which rate shall be either the standard rate set forth in this tariff or such other rate as is negotiated between the Company and the Qualifying Facility.

No. 1
Sheet
30.40

NET MONTHLY RATE

Service Charge:

\$ 2.30 per month

Energy Credit:

1. <u>Standard Time-of-Day</u>	<u>Summer</u>	<u>Winter</u>
On Peak - All kilowatt-hours	\$0.0299 per kWh	\$0.0206 per kWh
Off Peak - All kilowatt-hours	\$0.0148 per kWh	\$0.0112 per kWh
2. <u>Optional Seasonal</u>		
For all kilowatt-hours	\$0.0218 per kWh	\$0.0156 per kWh



RATE QF - COGENERATION & SMALL POWER PRODUCTION FACILITIES (continued)

Avoided Capacity Credit:

In order to qualify for avoided capacity credits, the Company may require the facility to meet the same resource adequacy accreditation requirements that are applicable to Company's generating facilities.

1. Standard Time-of-Day

$$ACC_t = \frac{k}{4} \times \frac{a_t}{b}$$

- ACC_t = Avoided capacity credit in billing period "t"
- k = Avoided capacity costs (\$/kW/Yr), currently \$14.67
- a_t = On-peak generation in billing period "t" (kWh)
- b = Average on-peak hours in billing period = (122 days in summer period / 4 months in summer period) x (5 on-peak days / 7 days) x (16 on-peak hrs/day) - 32 summer holiday hours = 317 hrs/month

2. Optional Seasonal

$$ACC_t = \frac{k}{4} \times \frac{c_t}{d}$$

- ACC_t = Avoided capacity credit in billing period "t"
- k = Avoided capacity costs (\$/kW/Yr), currently \$14.67
- c_t = Total generation in billing period "t" (kWh)
- d = Average total hours in billing period = (122 days in summer period / 4 months in summer period) x 24 hrs / day = 732 hrs / month

* These rates will only be applied during the four monthly summer billing periods.

Summer - Applicable during the four (4) monthly billing periods of June through September.
 Winter - Applicable during the eight (8) monthly billing periods of October through May.

No. 1
 Sheet
 30.50



RATE QF- COGENERATION & SMALL POWER PRODUCTION FACILITIES (continued)

On-Peak Hours:

Summer - Hours between 6:00 a.m. and 10:00 p.m. Monday through Friday.

Winter - Hours between 6:00 a.m. and 10:00 p.m. Monday through Friday.

On-Peak hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

Off-Peak Hours: All hours not included in the definition of On-Peak Hours.

VOLTAGE LEVEL ADJUSTMENT

The net monthly rate determined above shall be increased by 1.08 percent for energy delivered by the Qualifying Facility at 161 kV or higher, 2.60 percent at 69 kV, 8.64 percent at primary distribution voltage, or 16.40 percent at secondary distribution voltage.

No. 1
Sheet
30.60



RATE RST – RESIDENTIAL TIME-OF-USE SERVICE

AVAILABLE

Service under this rate is available to any Residential Illinois Customer for use in a single-family dwelling unit with an annual billed energy usage of 50,000 kWh or less. This service is not available for resale, standby or supplemental service.

APPLICATION

Service under this rate schedule will be furnished only to a single occupancy dwelling. In the case of multifamily dwellings with two (2) or more living units, where service to each individual unit is metered separately, electricity used for hallway lighting may be served under this rate and may be connected to one (1) of the apartment meters.

Where a portion of a dwelling is used regularly for business or professional purposes, the premises will be classified as non-residential and the appropriate price schedule applied. However, if the service for residential purposes can be metered separately through appropriate wiring, the residential classification will be applied to such service.

Service in this classification is not available for multiple dwellings with two (2) or more distinct living quarters, or rooming houses with more than four (4) rooms occupied by persons not members of the customer's immediate family.

Service in the classification is not available to unattached structures or other separately-served facilities on residential premises and shall be served under a qualifying non-residential rate.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

No. 1
Sheets
6
and
6.10



RATE RST – RESIDENTIAL TIME-OF-USE SERVICE (continued)

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$ 7.50	
<u>Meter Charge:</u>	\$ 1.83	
<u>Supply Charge:</u>	<u>Summer</u>	<u>Winter</u>
On-Peak	\$0.13105	\$0.02696
Off-Peak	\$0.02212	\$0.02043
All Other	\$0.04974	\$0.02696
<u>Delivery Charge:</u>		
All kWh	\$0.03098	

Summer: Applicable during the four (4) monthly billing periods of June through September.

Winter: Applicable during the eight (8) monthly billing periods of October through May.

On-Peak Hours: Hours between 1:00 p.m. and 6:00 p.m. Monday through Friday.

Off-Peak Hours: Hours between 10:00 p.m. and 8:00 a.m. every day.

All Other Hours: All hours not included in the definition of On-Peak or Off-Peak Hours.

On-Peak hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

No. 1
Sheets
6
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6.10



RATE RST – RESIDENTIAL TIME-OF-USE SERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to the following clauses and riders:

1. EAA – Energy Assistance Adjustment
2. EECR – Energy Efficiency Cost Recovery Adjustment
3. FAC – Fuel Adjustment Clause
4. MTA – Municipal Tax Addition
5. ND – Nuclear Decommissioning Factor
6. RCA – Renewable Energy Resources and Coal Technology Development Assistance Charge
7. STA – State Utility Tax Addition
8. TS – Transmission Service Adjustment

No. 1
Sheets
6
and
6.10

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the Energy Assistance Charge and the Renewable Energy Resources and Coal Technology Development Assistance Charge, and applicable energy charges for the month.

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.



MidAmerican Energy Company
Schedule of Rates For
Electric Service in Illinois

Ill C. C. No. 10
Original Sheet No. 427

RATE RST – RESIDENTIAL TIME-OF-USE SERVICE (continued)

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.

No. 1
Sheet
6.10



RATE GET – GENERAL ENERGY TIME-OF-USE SERVICE

AVAILABLE

Service under this rate is available to any Residential Illinois customer with annual usage greater than 50,000 kWh and any Non-Residential Illinois Customer. This service is not available for resale, standby or supplemental service.

APPLICATION

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single- or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

No. 1
Sheet
29



RATE GET – GENERAL ENERGY TIME-OF-USE SERVICE (continued)

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$10.00	
<u>Meter Charge:</u>	\$ 2.89	
<u>Supply Charge:</u>	<u>Summer</u>	<u>Winter</u>
On-Peak	\$0.10587	\$0.02515
Off-Peak	\$0.01749	\$0.01848
All Other	\$0.04171	\$0.02515
<u>Delivery Charge:</u>		
All kWh	\$0.02813	
<u>Delivery Surcharge:</u>		
All kWh over 40,000	\$0.00687	

Summer: Applicable during the four (4) monthly billing periods of June through September.

Winter: Applicable during the eight (8) monthly billing periods of October through May.

On-Peak Hours: Hours between 1:00 p.m. and 6:00 p.m. Monday through Friday.

Off-Peak Hours: Hours between 10:00 p.m. and 8:00 a.m. every day.

All Other Hours: All hours not included in the definition of On-Peak or Off-Peak Hours.

On-Peak hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

No. 1
Sheet
29



RATE GET – GENERAL ENERGY TIME-OF-USE SERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

1. EAA – Energy Assistance Adjustment
2. EECR – Energy Efficiency Cost Recovery Adjustment
3. EF – Excess Facilities
4. FAC – Fuel Adjustment Clause
5. MTA – Municipal Tax Addition
6. ND – Nuclear Decommissioning Factor
7. RCA - Renewable Energy Resources and Coal Technology Development Assistance Charge
8. STA – State Utility Tax Addition
9. TS – Transmission Service Adjustment

No. 1
Sheet
29

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the Energy Assistance Charge and the Renewable Energy Resources and Coal Technology Development Assistance Charge, and applicable energy charges for the month.



RATE GET – GENERAL ENERGY TIME-OF-USE SERVICE (continued)

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

ADJUSTMENT FOR PRIMARY METERING

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantity shall be the basis of billing the charges hereunder.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.

No. 1
Sheet
29



RATE GDT – GENERAL DEMAND TIME-OF-USE SERVICE

AVAILABLE

Service under this rate is available to any Non-Residential Illinois Customer. This service is not available for resale.

APPLICATION

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single- or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

No. 1
Sheet
29



RATE GDT – GENERAL DEMAND TIME-OF-USE SERVICE (continued)

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$ 20.00	
<u>Meter Charge:</u>	\$ 5.11	
<u>Supply Charge:</u>	<u>Summer</u>	<u>Winter</u>
On-Peak	\$0.06404	\$0.02456
Off-Peak	\$0.03358	\$0.01750
All Other	\$0.04896	\$0.02456
<u>Delivery Charge:</u>		
All kW	\$6.94	

Summer: Applicable during the four (4) monthly billing periods of June through September.

Winter: Applicable during the eight (8) monthly billing periods of October through May.

On-Peak Hours: Hours between 1:00 p.m. and 6:00 p.m. Monday through Friday.

Off-Peak Hours: Hours between 10:00 p.m. and 8:00 a.m. every day.

All Other Hours: All hours not included in the definition of On-Peak or Off-Peak Hours.

On-Peak hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

No. 1
Sheet
29



RATE GDT – GENERAL DEMAND TIME-OF-USE SERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

1. COT – Customer Owned Transformers
2. CS – Curtailment Service
3. EAA – Energy Assistance Adjustment
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. EF – Excess Facilities
6. FAC – Fuel Adjustment Clause
7. MTA – Municipal Tax Addition
8. ND – Nuclear Decommissioning Factor
9. RCA - Renewable Energy Resources and Coal Technology Development Assistance Charge
10. SPS –Standby and Supplementary Power Service
11. STA – State Utility Tax Addition
12. TS – Transmission Service Rider

No. 1
Sheet
29



RATE GDT – GENERAL DEMAND TIME-OF-USE SERVICE (continued)

BILLING DEMAND

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 30-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 10 kW.

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the Energy Assistance Charge and the Renewable Energy Resources and Coal Technology Development Assistance Charge, and applicable energy and charges for the Billing Demand for that month.

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

ADJUSTMENT FOR PRIMARY METERING

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered demand and energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantities shall be the basis of billing the charges hereunder.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and applicable Clauses and Riders included in this electric tariff schedule.

No. 1
Sheet
29



RATE RSR – RESIDENTIAL DELIVERY-ONLY SERVICE

AVAILABLE

This service is limited to residential customers who purchase energy supply from a retail electric supplier.

Service under this rate is available to any Residential Illinois Customer for use in a single-family dwelling unit with an annual billed energy usage of 50,000 kWh or less. This service is not available for resale, standby or supplemental service.

APPLICATION

Service under this rate schedule will be furnished only to a single occupancy dwelling. In the case of multifamily dwellings with two (2) or more living units, where service to each individual unit is metered separately, electricity used for hallway lighting may be served under this rate and may be connected to one (1) of the apartment meters.

Where a portion of a dwelling is used regularly for business or professional purposes, the premises will be classified as non-residential and the appropriate price schedule applied. However, if the service for residential purposes can be metered separately through appropriate wiring, the residential classification will be applied to such service.

Service in this classification is not available for multiple dwellings with two or more distinct living quarters or rooming houses with more than four rooms occupied by persons not members of the customer's immediate family.

Service in the classification is not available to unattached structures or other separately-served facilities on residential premises and shall be served under a qualifying non-residential rate.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.



MidAmerican Energy Company
Schedule of Rates For
Electric Service in Illinois

Ill C. C. No. 10
Original Sheet No. 437

RATE RSR – RESIDENTIAL DELIVERY-ONLYSERVICE (continued)

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$7.50
<u>Meter Charge:</u>	\$1.83
<u>Delivery Charge:</u> All kWh	\$0.03098

No. 6
Sheet
16



RATE RSR – RESIDENTIAL DELIVERY-ONLYSERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to the following clauses:

1. EAA – Energy Assistance Adjustment
2. EECR – Energy Efficiency Cost Recovery Adjustment
3. MTA – Municipal Tax Addition
4. ND – Nuclear Decommissioning Factor
5. STA – State Utility Tax Addition
6. RCA – Renewable Energy Resources and Coal Technology Development Assistance Charge

No. 6
Sheet
12

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the Energy Assistance Charge and the Renewable Energy Resources and Coal Technology Development Assistance Charge.

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.



RATE GER – GENERAL ENERGY DELIVERY-ONLY SERVICE

AVAILABLE

This service is limited to customers who purchase energy supply from a retail electric supplier.

Service under this rate is available to any Residential Illinois customer with annual usage greater than 50,000 kWh and any Non-Residential Illinois Customer. This service is not available for resale, standby or supplemental service.

No. 6
Sheet
11

APPLICATION

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single- or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$10.00
<u>Meter Charge:</u>	\$ 2.89
<u>Delivery Charge:</u>	
All kWh	\$0.02813
<u>Delivery Surcharge:</u>	
All kWh over 40,000	\$0.00687

No. 6
Sheet
16



RATE GER – GENERAL ENERGY DELIVERY-ONLY SERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

1. EAA – Energy Assistance Adjustment
2. EECR – Energy Efficiency Cost Recovery Adjustment
3. EF – Excess Facilities
4. MTA – Municipal Tax Addition
5. ND – Nuclear Decommissioning Factor
6. RCA – Renewal Energy Resources and Coal Technology Development Assistance Charge
7. STA – State Utility Tax Addition

No. 6
Sheet
11

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the Energy Assistance Charge and the Renewable Energy Resources and Coal Technology Development Assistance Charge.

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.



MidAmerican Energy Company
Schedule of Rates For
Electric Service in Illinois

Ill C. C. No. 10
Original Sheet No. 441

RATE GER – GENERAL ENERGY DELIVERY-ONLY SERVICE (continued)

ADJUSTMENT FOR PRIMARY METERING

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantity shall be the basis of billing the charges hereunder.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.

No. 6
Sheet 11



RATE GDR – GENERAL DEMAND DELIVERY-ONLY SERVICE

AVAILABLE

This service is limited to Non-Residential customers who purchase energy supply from a retail electric supplier.

Service under this rate is available to any Non-Residential Illinois Customer. This service is not available for resale, standby or supplemental service.

APPLICATION

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single- or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$20.00
<u>Meter Charge:</u>	\$ 5.11
<u>Delivery Charge:</u> All kW	\$ 6.94

No. 6
Sheet
11

No. 6
Sheet
16



RATE GDR – GENERAL DEMAND DELIVERY-ONLY SERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

1. COT – Customer Owned Transformers
2. EAA – Energy Assistance Adjustment
3. EECR – Energy Efficiency Cost Recovery Adjustment
4. EF – Excess Facilities
5. MTA – Municipal Tax Addition
6. ND – Nuclear Decommissioning Factor
7. RCA - Renewable Energy Resources and Coal Technology Development Assistance Charge
8. STA – State Utility Tax Addition

BILLING DEMAND

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 30-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 10 kW.

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the Energy Assistance Charge and the Renewable Energy Resources and Coal Technology Development Assistance Charge and charges for the Billing Demand for that month.

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

No. 6
Sheet
11



RATE GDR – GENERAL DEMAND DELIVERY-ONLY SERVICE (continued)

ADJUSTMENT FOR PRIMARY METERING

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered demand and energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantities shall be the basis of billing the charges hereunder.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and applicable Clauses and Riders included in this electric tariff schedule.

No. 6
Sheet
11



RATE LSR – LARGE ELECTRIC DELIVERY-ONLY SERVICE

AVAILABLE

This service is limited to Non-Residential customers who purchase energy supply from a retail electric supplier.

Service under this rate is available to any Non-Residential Illinois Customer. This service is not available for resale, standby or supplementary service.

APPLICATION

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single-or three-phase, at primary voltages offered by the Company, and as further described in the Company's terms and conditions.

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$ 80.00
<u>Meter Charge:</u>	\$124.63
<u>Delivery Charge:</u> All kW	\$ 4.03
<u>Reactive Demand Charge:</u>	\$ 0.50 per kVar

No. 6
Sheet
11

No. 6
Sheet
16



RATE LSR – LARGE ELECTRIC DELIVERY-ONLY SERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

1. COT – Customer Owned Transformers
2. EAA – Energy Assistance Adjustment
3. EECR – Energy Efficiency Cost Recovery Adjustment
4. EF – Excess Facilities
5. MTA – Municipal Tax Addition
6. ND – Nuclear Decommissioning Factor
7. RCA – Renewable Energy Resources and Coal Technology Development Assistance Charge
8. STA – State Utility Tax Addition

No. 6
Sheet
11

BILLING DEMAND

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 30-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 200 kW.

REACTIVE DEMAND CHARGE

A reactive demand charge shall be made for each kVar by which the customer's maximum reactive demand in kVar is greater than 50 percent of the customer's maximum kW demand in the same month.



RATE LSR – LARGE ELECTRIC DELIVERY-ONLY SERVICE (continued)

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the Energy Assistance Charge and the Renewable Energy Resources and Coal Technology Development Assistance Charge, and charges for the Billing Demand for that month.

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

ADJUSTMENT FOR SECONDARY METERING

The Company may, at its sole option, install the metering equipment on the low-voltage side of the service transformers. In that event, the customer's metered demand and energy shall be increased by one and two-tenths percent (1.2%) and such increased quantities shall be the basis of billing the charges hereunder.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and applicable Clauses and Riders included in this electric tariff schedule.

No. 6
Sheet
11



RATE VLR – VERY LARGE ELECTRIC DELIVERY-ONLY SERVICE

AVAILABLE

This service is limited to Non-Residential customers who purchase energy supply from a retail electric supplier.

Service under this rate is available to any Non-Residential Illinois Customer where service is taken at the Company’s untransformed line voltage. This service is not available for resale standby or supplementary service.

APPLICATION

Applicable for firm use of the Company’s electric service furnished to a single Premises through one (1) meter.

CHARACTER OF SERVICE

Alternating current, 60 Hz, single-or three-phase, at primary voltages offered by the Company, and as further described in the Company’s terms and conditions.

NET MONTHLY RATE PER METER

<u>Basic Service Charge:</u>	\$1,400.00
<u>Meter Charge:</u>	\$ 348.61
<u>Delivery Charge:</u> All kW	\$ 0.78
<u>Reactive Demand Charge:</u>	\$ 0.50 per kVar

No. 6
Sheet
11

No. 6
Sheet
16



RATE VLR – VERY LARGE ELECTRIC DELIVERY-ONLY SERVICE (continued)

ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

1. COT – Customer Owned Transformers
2. EAA – Energy Assistance Adjustment
3. EECR – Energy Efficiency Cost Recovery Adjustment
4. EF – Excess Facilities
5. MTA – Municipal Tax Addition
6. ND – Nuclear Decommissioning Factor
7. RCA – Renewable Energy Resources and Coal Technology Development Assistance Charge
8. STA – State Utility Tax Addition

No. 6
Sheet
11

BILLING DEMAND

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 30-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 10,000 kW.

REACTIVE DEMAND CHARGE

A reactive demand charge shall be made for each kVar by which the customer's maximum reactive demand in kVar is greater than fifty (50) percent of the customer's maximum kW demand in the same month.



RATE VLR – VERY LARGE ELECTRIC DELIVERY-ONLY SERVICE (continued)

MINIMUM CHARGE

The minimum charge shall be the total of the Basic Service and Meter Charges, plus the total of the Energy Assistance Charge and the Renewable Energy Resources and Coal Technology Development Assistance Charge, and charges for the Billing Demand for that month. No minimum monthly charge shall be less than a demand charge applicable for a billing demand of 10,000 kilowatts.

LATE PAYMENT CHARGE

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

ADJUSTMENT FOR SECONDARY METERING

The Company may, at its sole option, install the metering equipment on the low-voltage side of the service transformers. In that event, the customer's metered demand and energy shall be increased by one and two-tenths percent (1.2%) and such increased quantities shall be the basis of billing the charges hereunder.

GENERAL

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and applicable Clauses and Riders included in this electric tariff schedule.

No. 6
Sheet
11