



MIDAMERICAN ENERGY COMPANY  
 P.O. Box 4350  
 Davenport, Iowa 52808-4350

SOUTH DAKOTA ELECTRIC TARIFF SCHEDULE NO. 2  
 SD P.U.C. Sec. No. 3  
 1<sup>st</sup> Revised Sheet No. 40  
 Canceling Original Sheet No. 40

**SECTION 3 – ELECTRIC RATE SCHEDULES  
 RATE SAL – STREET AND AREA LIGHTING**

**AVAILABLE**

Availability of street and area lighting is on a permanent and continuing basis to municipalities and non-government entities for the purpose of lighting public streets and highways and other dusk to dawn lighting services. Such lighting must be freely accessible by Company service vehicles and adjacent to existing secondary voltage and distribution circuits of the Company, or where such circuits may be extended to supply lighting units. Company-owned mercury vapor lights, as of May 30, 1992, are not available for new installations or replacement of worn-out lights. High pressure sodium applications are limited to those applications installed before December 1, 2021.

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Light-emitting diode (LED) is the Company standard for all new or replacement Company-owned lighting. If there is an LED available with comparable light performance, the LED will be installed.

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Beginning December 1, 2021, subject to Customer approval and at no cost to the Customer, the Company will begin to replace Company-owned non-LED lights requiring significant maintenance with a comparable LED fixture. If the Customer requests replacement before significant maintenance is required, the Company will charge the Customer \$100 per fixture for accelerated replacement.

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**TIME SCHEDULES FOR STREET AND AREA LIGHTS**

Street and area lights will be dusk-to-dawn and controlled by a photo-electric device actuated by intensity of natural light. The total estimated time of operation is 4,200 hours annually.

Metered lighting systems will be billed at the applicable general service rates. Metered applications are limited to those applications installed prior to December 1, 2021.

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**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. If a Customer requests a Company-owned light be permanently removed prior to the end of the initial term, the Customer shall pay the cost of removal.

N  
N/L  
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L



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SOUTH DAKOTA ELECTRIC TARIFF SCHEDULE NO. 2  
 SD P.U.C. Sec. No. 3  
 1<sup>st</sup> Revised Sheet No. 41  
 Canceling Original Sheet No. 41

**SECTION 3 – ELECTRIC RATE SCHEDULES**  
**RATE SAL – STREET AND AREA LIGHTING (continued)**

**COMPANY-OWNED LIGHTING**

Company-owned lights and lighting systems to be supplied hereunder shall be at locations of existing installations and at new locations approved by the Company. However, any line extension required shall not exceed one span of overhead secondary. Longer secondary line extensions and additional facilities required to provide service will be subject to the terms of the “Expansion of Electric Distribution System” subsection within SECTION 5 – RULES AND REGULATIONS FOR ELECTRIC SERVICE of this tariff.

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Service includes installation of standard Company-owned lighting, specified below, operating and maintenance of the lighting system, in addition to the supply of required electricity as required to operate the light from dusk to dawn each night. All facilities furnished hereunder shall remain the property of the Company and shall be maintained by the Company. 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. Permits or extra maintenance personnel or equipment required for maintenance shall be billed at direct cost plus applicable overheads.

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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.

L/D  
D/L

The type and kind of system will be in accordance with Company standards and specifications.



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SD P.U.C. Sec. No. 3  
2<sup>nd</sup> Revised Sheet No. 42  
Canceling 1<sup>st</sup> Revised Sheet No. 42

**SECTION 3 – ELECTRIC RATE SCHEDULES  
RATE SAL – STREET AND AREA LIGHTING (continued)**

**COMPANY-OWNED LIGHTING NET MONTHLY RATES**

1. Mercury Vapor (MV) and High Pressure Sodium (HPS) Lighting T

Applicable monthly charges identified in the following tables are for lamp and fixtures on an existing standard wood distribution pole mounted on mast-arms up to six (6) feet in length, with overhead wiring and one (1) span of secondary voltage conductor served from available transformation and operated on a dusk-to-dawn schedule. These charges are subject to adjustment clauses and riders specified herein. T

If the Customer requires the Company to install lighting that requires installation of transformation, an extension greater than one (1) overhead span, and/or a mast-arm greater than six (6) feet in length, the Customer will be required to pay the Company a contribution in aid of construction to cover the cost of such facilities. T

1. Mercury Vapor (MV) Lighting – not available for new installations L

<u>Code</u>	<u>Lamp Size</u>	<u>kWh</u>	<u>Description</u>	<u>Monthly Rate per Fixture</u>	
DW4	175 W	75	Open Refractor	\$ 5.06	T/D
DC8	400 W	165	Cobra Head	\$13.32	D
DC9	1000 W	384	Cobra Head	\$15.14	D

D/L

“Metered” designation applies if kWh use is metered and deducted from the Customer’s other electric service. The code Dxx is replaced with Mxx. Metered applications are limited to those applications installed prior to December 1, 2021. N  
N



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SOUTH DAKOTA ELECTRIC TARIFF SCHEDULE NO. 2  
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2<sup>nd</sup> Revised Sheet No. 43  
Canceling 1<sup>st</sup> Revised Sheet No. 43

**SECTION 3 – ELECTRIC RATE SCHEDULES  
RATE SAL – STREET AND AREA LIGHTING (continued)**

**COMPANY-OWNED LIGHTING NET MONTHLY RATES (continued)**

A. Mercury Vapor (MV) and High Pressure Sodium (HPS) Lighting (continued)					T
2. <u>High Pressure Sodium (HPS) Lighting</u> – not available for new installations on or after December 1, 2021					N N
<u>Code</u>	<u>Lamp Size</u>	<u>kWh</u>	<u>Description</u>	<u>Monthly Rate per Fixture</u>	T/D
DW2	100 W	47	Open Refractor	\$ 6.02	D/T
DC2	100 W	47	Cobra Head	\$ 6.23	D/T
DF2	100 W	47	Flood	\$ 7.85	D/T
DC6	250 W	108	Cobra Head	\$13.08	D
DF6	250 W	108	Flood	\$14.01	D
DC7	400 W	165	Cobra Head	\$13.32	D
DF7	400 W	165	Flood	\$16.57	D
DF9	1000 W	384	Flood	\$29.42	D

“Metered” designation applies if kWh use is metered and deducted from the Customer’s other electric service. The code Dxx is replaced with Mxx. Metered applications are limited to those applications installed prior to December 1, 2021.

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N



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SOUTH DAKOTA ELECTRIC TARIFF SCHEDULE NO. 2  
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2<sup>nd</sup> Revised Sheet No. 44  
Canceling 1<sup>st</sup> Revised Sheet No. 44

**SECTION 3 – ELECTRIC RATE SCHEDULES**  
**RATE SAL – STREET AND AREA LIGHTING (continued)**

**COMPANY-OWNED LIGHTING NET MONTHLY RATES (continued)**

B. Light Emitting Diode (LED) Lighting

LED lighting is available for new installations or existing systems that have been evaluated for the differences in lighting levels, mounting heights, and patterns associated with LED lighting. The Customer shall be responsible for the evaluation and any appropriate lighting system design changes and its compliance with any and all applicable lighting specifications and standards.

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1. LED Street Lighting – Wood Pole, Overhead

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Applicable monthly charges identified in the following table are for lamp and fixtures on an existing standard wood distribution pole mounted on mast-arms up to six (6) feet in length, with overhead wiring and one (1) span of secondary voltage conductor served from available transformation and operated on a dusk-to-dawn schedule. These charges are subject to adjustment clauses and riders specified herein.

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N

If the Customer requires the Company to install lighting that requires installation of transformation, an extension greater than one overhead span, and/or a mast-arm greater than six (6) feet in length, the Customer will be required to pay the Company a contribution in aid of construction to cover the cost of such facilities.

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N

<u>Code</u>	<u>Comparable Watt</u>	<u>kWh</u>	<u>Monthly Rate per Fixture</u>
ELK	100	16	\$4.79
ELL	150	32	\$6.12
ELM	250	42	\$7.11
ELN	400	75	\$9.67

T/D  
D  
D  
D  
N

L/D



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Original Sheet No. 44.10

**SECTION 3 – ELECTRIC RATE SCHEDULES  
RATE SAL – STREET AND AREA LIGHTING (continued)**

**COMPANY-OWNED LIGHTING NET MONTHLY RATES (continued)**

B. Light Emitting Diode (LED) Lighting (continued)

2. LED Street Lighting – Non-Wood Pole, Underground

For lamp and fixtures mounted on a non-wood pole served by underground conductor, the applicable monthly charges identified on the following tables shall apply. These charges are subject to adjustment clauses and riders specified herein.

<u>Code</u>	<u>Comparable Watt</u>	<u>kWh</u>	<u>Monthly Rate per Fixture</u>
ELA	100	16	\$18.74
ELB	150	32	\$20.07
ELC	250	42	\$21.06
ELD	400	75	\$23.62

3. LED Decorative Street Lighting – 100 W Comparable HPS

<u>Code</u>	<u>kWh</u>	<u>Monthly Rate per Fixture</u>
COL	18	\$20.11
VIC	18	\$20.11
WAS	16	\$26.09

The decorative lights in the table above are only available for use as street lighting.

In lieu of a monthly decorative lighting charge, the Customer shall have the option of paying the Company a contribution in aid of construction at the time of installation based on the incremental cost above the comparable LED light and fixture in Table 1 of Section B. These payments shall not be subject to refund.



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SOUTH DAKOTA ELECTRIC TARIFF SCHEDULE NO. 2  
SD P.U.C. Sec. No. 3  
Original Sheet No. 44.20

**SECTION 3 – ELECTRIC RATE SCHEDULES  
RATE SAL – STREET AND AREA LIGHTING (continued)**

**COMPANY-OWNED LIGHTING NET MONTHLY RATES (continued)**

B. Light Emitting Diode (LED) Lighting (continued)

4. LED Area Lighting – Wood Pole, Overhead

Applicable monthly charges identified in the following table are for lamp and fixtures on an existing standard wood distribution pole mounted on mast-arms up to three (3) feet in length, with overhead wiring and one (1) span of secondary voltage conductor served from available transformation and operated on a dusk-to-dawn schedule. These charges are subject to adjustment clauses and riders specified herein.

If the Customer requires the Company to install lighting that requires installation of transformation, an extension greater than one overhead span, and/or a mast-arm greater than three (3) feet in length, the Customer will be required to pay the Company a contribution in aid of construction to cover the cost of such facilities.

Standard Style Head:

<u>Code</u>	<u>Comparable Watt</u>	<u>kWh</u>	<u>Monthly Rate per Fixture</u>
ALA	100	12	\$ 3.20
ALB	150	18	\$ 3.66
ALC	250	43	\$ 6.22
ALD	400	75	\$ 9.47

Flood Style Head:

<u>Code</u>	<u>Comparable Watt</u>	<u>kWh</u>	<u>Monthly Rate per Fixture</u>
AFA	100	12	\$ 4.56
AFB	150	26	\$ 5.60
AFC	250	53	\$ 7.43
AFD	400	66	\$ 8.84
AFE	1000	96	\$12.26



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 2<sup>nd</sup> Revised Sheet No. 45  
 Canceling 1<sup>st</sup> Revised Sheet No. 45

**SECTION 3 – ELECTRIC RATE SCHEDULES  
 RATE SAL – STREET AND AREA LIGHTING (continued)**

**COMPANY-OWNED LIGHTING NET MONTHLY RATES (continued)**

C. Mercury Vapor (MV) and High Pressure Sodium (HPS) Lighting – Fiber or Metal Pole Served Underground T

For lamp and fixtures mounted on a non-wood pole served by underground conductor, the applicable monthly charges identified on the following tables shall apply. These charges are subject to adjustment clauses and riders specified herein.

1. Mercury Vapor (MV) Lighting

<u>Code</u>	<u>Lamp Size</u>	<u>kWh</u>	<u>Description</u>	<u>Monthly Rate per Fixture</u>	T/L
DO4	175 W	75	Orn on Alum Pole	\$10.13	T
DU8	400 W	165	Cobra on Metal Pole	\$26.67	T/D
					D
					D
					D/L

2. High Pressure Sodium (HPS) Lighting – not available for new installations on or after December 1, 2021 T/N

<u>Code</u>	<u>Lamp Size</u>	<u>kWh</u>	<u>Description</u>	<u>Monthly Rate per Fixture</u>	T
DO2	100 W	47	Orn on Alum Pole	\$13.26	T/D
DP2	100 W	47	Cobra on Fiber Pole	\$16.88	D
DV2	100 W	47	Victorian Fiber Pole	\$19.70	D
DU6	250 W	108	Cobra on Metal Pole	\$25.71	D
DX6	250 W	108	Flood on Metal Pole	\$27.09	D
DU7	400 W	165	Cobra on Metal Pole	\$29.60	D
DX7	400 W	165	Flood on Metal Pole	\$32.53	D

In lieu of a monthly decorative lighting charge, the Customer shall have the option of paying the Company a contribution in aid of construction at the time of installation based on the incremental cost above the comparable HPS light and fixture in Section A. These payments shall not be subject to refund.

“Metered” designation applies if kWh use is metered and deducted from the Customer’s other electric service. The code Dxx is replaced with Mxx. Metered applications are limited to those applications installed prior to December 1, 2021. N  
N





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SOUTH DAKOTA ELECTRIC TARIFF SCHEDULE NO. 2  
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2<sup>nd</sup> Revised Sheet No. 46  
Canceling 1<sup>st</sup> Revised Sheet No. 46

**SECTION 3 – ELECTRIC RATE SCHEDULES  
RATE SAL – STREET AND AREA LIGHTING (continued)**

**COMPANY-OWNED LIGHTING NET MONTHLY RATES (continued)**

D. Pole Charges

When the Customer requests an additional pole, the applicable monthly charges identified on the following table shall apply. These charges are subject to adjustment clauses and riders specified herein.

<u>Code</u>	<u>Pole Type</u>	<u>Monthly Rate per Pole</u>	T/D
DOP	Wood pole, Overhead	\$2.90	N/D
DUP	Wood pole, Underground	\$4.65	N/D

In lieu of a monthly pole charge, the Customer shall have the option of paying the Company a contribution in aid of construction at the time of installation or replacement. These payments shall not be subject to refund.

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 contribution in aid of construction to cover the cost of changing the pole to taller heights and/or rearranging the facilities; any additional maintenance costs incurred as a result of higher mounting heights shall be billed at direct cost plus applicable overheads.

E. Circuit Charges

When existing overhead secondary service is not available for use with the desired light(s), a charge will apply to install transformation and circuit. The cost of any special requirements including, but not limited to, wiring beyond one (1) span of overhead secondary, mast arms in excess of six (6) feet for street lighting or three (3) feet for area lighting, and conduit shall be paid by the Customer at the time of installation, billed as a contribution in aid of construction. The contributions shall be based upon actual installation cost and shall not be subject to refund.



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SOUTH DAKOTA ELECTRIC TARIFF SCHEDULE NO. 2  
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1<sup>st</sup> Revised Sheet No. 47  
Canceling Original Sheet No. 47

**SECTION 3 – ELECTRIC RATE SCHEDULES**  
**RATE SAL – STREET AND AREA LIGHTING (continued)**

**CUSTOMER-OWNED LIGHTING**

The following is required for Customer-owned systems:

- A proper written request is required prior to initial installation or changes to existing installations and all lights installed on or after December 1, 2021 must fall within one of the Company’s existing energy only rates in this tariff. N  
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- Customer-owned lights installed on or after December 1, 2021 will be installed, owned and maintained by the Customer, including poles, luminaries, and photo controls, together with all necessary cable extending between standards and to points of connection to Company's facilities as designated and approved by the Company. N  
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- The electrical connection at the point of delivery shall be made by the Company.
- Customer-owned systems must meet all appropriate electrical codes.
- Customer-owned group-operated street lights shall have mounting heights of thirty-five (35) feet or less. For Customer-owned lights installed on or after December 1, 2021, the Company shall furnish only electric energy. For Customer-owned lights installed on or before December 1, 2021, the Company may furnish electric energy only, or electric energy and lamp replacements until such time replacement materials or no longer available. T/D/N  
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N
- 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.
- Maintenance on existing Customer-owned lights installed before December 1, 2021 will continue with materials limited to HPS lamps and individual light photo controls only until such time the replacement materials are no longer available. Permits or extra maintenance personnel or equipment required for maintenance shall be billed at direct cost plus applicable overheads. Existing Customers on rates that include maintenance for Customer-owned lights will be given the option to transition to energy only rates for LED lights as the HPS bulbs become unavailable. N  
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SOUTH DAKOTA ELECTRIC TARIFF SCHEDULE NO. 2  
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2<sup>nd</sup> Revised Sheet No. 48  
Canceling 1<sup>st</sup> Revised Sheet No. 48

**SECTION 3 – ELECTRIC RATE SCHEDULES  
RATE SAL – STREET AND AREA LIGHTING (continued)**

**CUSTOMER-OWNED LIGHTING NET MONTHLY RATES**

Applicable monthly charges identified on the following tables are for Customer-owned lighting systems. These charges are subject to adjustment clauses and riders specified herein.

A. Energy Only

1. High Pressure Sodium (HPS) Lighting - not available for new installations

<u>Code</u>	<u>Lamp Size</u>	<u>kWh</u>	<u>Monthly Rate per Fixture</u>	
DE1	70 W	33	\$ 1.14	D
DE2	100 W	47	\$ 1.62	T
DE3	150 W	68	\$ 2.35	N
DE6	250 W	108	\$ 3.73	T/D
DE7	400 W	165	\$ 5.70	D/T
DE9	1000 W	384	\$13.26	D/T

2. LED Lighting

<u>Code</u>	<u>Comparable Watt</u>	<u>kWh</u>	<u>Monthly Rate per Fixture</u>	
CO1	10 – 39.9	8.6	\$0.54	N
CO2	40 – 69.9	19.1	\$1.20	N
CO3	70 – 99.9	29.6	\$1.86	N
CO4	100 – 129.9	40.1	\$2.52	N
CO5	130 – 159.9	50.6	\$3.18	N
CO6	160 – 189.9	61.1	\$3.84	N
CO7	190 – 219.9	71.6	\$4.50	N
CO8	220 – 249.9	82.1	\$5.16	N

L/D



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SOUTH DAKOTA ELECTRIC TARIFF SCHEDULE NO. 2  
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**SECTION 3 – ELECTRIC RATE SCHEDULES  
RATE SAL – STREET AND AREA LIGHTING (continued)**

CUSTOMER-OWNED LIGHTING NET MONTHLY RATES (continued)

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B.	<u>Energy and Maintenance</u> – not available for new installations on or after December 1, 2021			T/L/N N	
	<u>Code</u>	<u>Lamp Size</u>	<u>kWh</u>	<u>Monthly Rate per Fixture</u>	T/L/D
	DM1	70 W	33	\$ 4.13	L/D/T
	DM2	100 W	47	\$ 4.61	L/D/T
	DM3	150 W	68	\$ 5.34	L/D/T
	DM6	250 W	108	\$ 6.59	L/D/T
	DM7	400 W	165	\$ 8.56	L/D/T
	DM9	1000 W	384	\$16.11	L/D/T

“Metered” designation applies if kWh use is metered and deducted from the Customer’s other electric service. The code Dxx is replaced with Mxx. Metered applications are limited to those applications installed prior to December 1, 2021.

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L/N  
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SOUTH DAKOTA ELECTRIC TARIFF SCHEDULE NO. 2  
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1<sup>st</sup> Revised Sheet No. 51  
Canceling Original Sheet No. 51

**SECTION 3 – ELECTRIC RATE SCHEDULES**  
**RATE SAL – STREET AND AREA LIGHTING (continued)**

**GENERAL**

Vandalism and Damage. The Company reserves the right to remove any fixture or fixtures in any location that has continuous vandalism. 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.

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Access. Where Company-owned facilities are located on Customer's property, the Customer will provide reasonably safe and convenient access to its facilities for Company personnel and equipment for the purpose of maintenance and inspection. Property owners may be required to grant the necessary easements for the lighting system(s) prior to the installation of the system(s). The Company shall be permitted to enter the Customer's premises at all reasonable times for the purpose of inspection, maintenance, and removal of its equipment and facilities.

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Lighting Requirements. The Customer shall be responsible for ensuring that street lighting systems meet any applicable lighting standards and requirements, such as standards promulgated by Illuminating Engineering Society (IES) and/or South Dakota Department of Transportation (SDDOT); the Company will locate street lights where indicated by written request of the Customer.

Indemnification. The Customer shall indemnify and hold harmless the Company from and against any and all liability for injuries or damages to persons or property arising from or resulting from any lighting, requested by the Customer or third party, which does not conform to the IES or SDDOT recommended practices or requirements.

Service hereunder is subject to the Rules and Regulations of the Company and applicable clauses and riders included in this electric tariff schedule.