

April 5, 2019

Public Utilities Commission of Ohio Attn: Docketing Division 11th Floor 180 East Broad Street Columbus, OH 43215-3793

RE: In the Matter of the Application of Duke Energy Ohio, Inc.,) Case No. 89-6002-EL-TRF For the Revision of Electric Tariffs

Docketing Division:

Enclosed for filing are revised PUCO Electric No. 19 retail tariffs. These tariffs have been revised as a result of the approval of Rider ETCJA on February 20, 2019 in Case No. 18-1185-EL-UNC. Rider ETCJA, Sheet No. 77, has been added to the Applicable Riders section of each tariff.

Very Truly Yours,

Jim Ziolkowski

P.U.C.O. Electric No. 19 Sheet No. 30.17 Cancels and Supersedes Sheet No. 30.16 Page 1 of 2

RATE RS

RESIDENTIAL SERVICE

APPLICABILITY

Applicable to electric service other than three phase service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where distribution lines are adjacent to the premises to be served.

Residences where not more than two rooms are used for rental purposes will also be included. Where all dwelling units in a multi-occupancy building are served through one meter and the common use area is metered separately, the kilowatt-hour rate will be applied on a "per residence" or "per apartment" basis, however, the customer charge will be based on the number of installed meters.

Where a portion of a residential service is used for purposes of a commercial or public character, the applicable general service rate is applicable to all service. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this rate will be applied to the residential service, if the service qualifies hereunder.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

Alternating current 60 Hz, single phase at Company's standard secondary voltage.

NET MONTHLY BILL

Computed in accordance with the following charges:

1. Distribution Charges

(a) Customer Charge

\$6.00 per month

(b) Energy Charge

\$0.031482 per kWh

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 30.17 Cancels and Supersedes Sheet No. 30.16 Page 2 of 2

NET MONTHLY BILL (Contd.)

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense - Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery

Rate

Sheet No. 122, Rider DDR, Distribution Decoupling Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

MINIMUM CHARGE

The minimum charge shall be the Customer Charge as stated above.

BILLING PERIODS

For purposes of administration of the above charges, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to:

- Unpaid account balances of customers enrolled in income payment plans pursuant to OAC Section 4901:1-18-04(B); and
- Unpaid account balances for services received from a Certified Supplier.

TERMS AND CONDITIONS

This rate is available upon application in accordance with the Company's Service Regulations.

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 31.17 Cancels and Supersedes Sheet No. 31.16 Page 1 of 3

RATE ORH

OPTIONAL RESIDENTIAL SERVICE WITH ELECTRIC SPACE HEATING

APPLICABILITY

Applicable to electric service, other than three phase service, used for all domestic purposes in private residences and single occupancy apartments where permanently connected electric heating equipment is installed and in regular use as the primary source of qualified space heating in the entire territory of the Company where distribution lines are adjacent to the premises to be served. In addition, the customer will be required to pay an amount equal to the current installed cost of demand metering equipment in excess of the current installed cost of standard watt-hour metering equipment. All metering equipment shall remain the property of the Company. The Company shall be responsible for the installation, operation, maintenance, testing, replacement and removal of metering equipment.

This rate is only available as Company demand meters are installed on the customer's premises. Due to the limited availability of metering equipment and Company personnel, a demand meter will be installed as metering equipment and Company personnel are available.

Where a portion of a residential service is used for purposes of a commercial or public character, the applicable general service rate is applicable to all service. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this rate will be applied to the residential service, if the service qualifies hereunder.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

Alternating current 60 Hz, single phase at Company's standard secondary voltage.

NET MONTHLY BILL

Computed in accordance with the following charges:

	Summer Period	Winter Period
Distribution Charges		
(a) Customer Charge	\$6.00 per month	\$6.00 per month
(b) Energy Charge	,	Taraba par manan
First 1,000 kilowatt-hours	\$0.031482 per kWh	\$0.031169 per kWh
Additional kilowatt-hours	\$0.031482 per kWh	\$0.017216 per kWh
In excess of 150 times Customer's	,	, , , , , , , , , , , , , , , , , , ,
Monthly Demand	\$0.031482 per kWh	\$0.011605 per kWh

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 31.17 Cancels and Supersedes Sheet No. 31.16 Page 2 of 3

NET MONTHLY BILL (Contd.)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery

Rate

Sheet No. 122, Rider DDR, Distribution Decoupling Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

MINIMUM CHARGE

The minimum charge shall be the Customer Charge as stated above.

BILLING PERIODS

For purposes of administration of the above charges, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as the period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

DEMAND

Customer's monthly demand will be the kilowatts as determined from the Company's demand metering equipment for the fifteen (15) minute period of customer's greatest use in each month during the winter period.

Minimum demand shall be ten (10) kilowatts.

QUALIFIED SPACE HEATING

"Qualified" space heating is the heating of residential living quarters primarily through the regular use of permanently connected electric heating equipment, the installation of which meets the Company's specifications.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 31.17 Cancels and Supersedes Sheet No. 31.16 Page 3 of 3

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to:

- Unpaid account balances of customers enrolled in income payment plans pursuant to OAC Section 4901:1-18-04(B); and
- Unpaid account balances for services received from a Certified Supplier.

TERMS AND CONDITIONS

This rate is available upon application in accordance with the Company's Service Regulations and the minimum contract period shall be one (1) year terminable thereafter on thirty (30) days written notice by either the customer or the Company.

The supplying and billing for service and all conditions applying thereto are subject to the jurisdiction of the Public Utilities Commission of Ohio and to Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 33.18 Cancels and Supersedes Sheet No. 33.17 Page 1 of 2

RATE TD

OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL SERVICE

APPLICABILITY

Applicable to electric service other than three phase service for all domestic purposes in private residences and single occupancy apartments in the entire territory of the Company where distribution lines are adjacent to the premises to be served. This rate is available only as Company demand meters with programmable time-of-day registers are installed on the customer's premises.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

NET MONTHLY BILL

Computed in accordance with the following charges:

	Summer Period	Winter Period
Distribution Charges (a) Customer Charge	\$15.50 per month	\$15.50 per month
(b) Energy Charge On Peak kilowatt-hours Off Peak kilowatt-hours	\$0.059629 per kWh \$0.010412 per kWh	\$0.047374 per kWh \$0.010424 per kWh

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense - Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

Sheet No. 122, Rider DDR, Distribution Decoupling Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 33.18 Cancels and Supersedes Sheet No. 33.17 Page 2 of 2

MINIMUM CHARGE

The minimum charge shall be the Customer Charge as stated above.

BILLING PERIODS

For purposes of administration of the above charges, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

RATING PERIODS

The rating periods applicable to the above kilowatt-hour charges are as follows:

- a) Summer On Peak Period 11:00 a.m. to 8:00 p.m. Monday through Friday, excluding holidays.
- b) Winter On Peak Period 9:00 a.m. to 2:00 p.m. and 5:00 p.m. to 9:00 p.m. Monday through Friday, excluding holidays.
- c) Off Peak Period All hours Monday through Friday not included above plus all day Saturday and Sunday as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day and Christmas Day or on the day nationally designated to be celebrated as such with the exception that if the foregoing holidays occur on a Sunday, the following Monday is considered a holiday.

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

TERMS AND CONDITIONS

This rate is available upon application in accordance with the Company's Service Regulations.

The initial term of service under this rate is three (3) years. If the customer desires to cancel service under this tariff within three (3) years, a termination fee may be charged by the Company. The termination fee will be determined by applying the above Customer Charge times the remaining months of the initial service agreement.

Where the Company is denied access to read the customer's time-of-day meter for more than two (2) consecutive months, the Company may, after notifying the customer, place the customer on the Company's standard residential rate. If the Company moves the customer to the standard rate, the customer shall not be billed for the termination fee.

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio, and to Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 34.11 Cancels and Supersedes Sheet No. 34.10 Page 1 of 2

RATE CUR COMMON USE RESIDENTIAL SERVICE

APPLICABILITY

Applicable to electric service other than three phase service for separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where distribution lines are adjacent to the premises to be served.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

Alternating current 60 Hz, single phase at Company's standard secondary voltage.

NET MONTHLY BILL

Computed in accordance with the following charges:

- 1. Distribution Charges
 - (a) Customer Charge

\$6.00 per month

(b) Energy Charge

\$0.031482 per kWh

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense - Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery

Rate

Sheet No. 122, Rider DDR, Distribution Decoupling Rider

Sheet No. 126, Rider PSR, Price Stabiliztion Rider

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

Issued: April 5, 2019

Effective: January 2, 2019

P.U.C.O. Electric No. 19 Sheet No. 34.11 Cancels and Supersedes Sheet No. 34.10 Page 2 of 2

MINIMUM CHARGE

The minimum charge shall be the Customer Charge as stated above.

BILLING PERIODS

For purposes of administration of the above charges, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

TERMS AND CONDITIONS

This rate is available upon application in accordance with the Company's Service Regulations.

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 35.8 Cancels and Supersedes Sheet No. 35.7 Page 1 of 2

RATE RS3P

RESIDENTIAL THREE-PHASE SERVICE

APPLICABILITY

Applicable to three phase electric service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where (1) distribution lines are adjacent to the premises to be served, (2) the building load requires three phase service, (3) building load exceeds the Company's standard single-phase equipment or the building is a multi-use facility requiring three-phase service for the commercial space, and (4) additional distribution line extensions are not required. In all other instances, the Company will make three phase service available to residential customers at the customer's sole expense and pursuant to a three-year service agreement.

Residences where not more than two rooms are used for rental purposes will also be included. Where all dwelling units in a multi-occupancy building are served through one meter and the common use area is metered separately, the kilowatt-hour rate will be applied on a "per residence" or "per apartment" basis, however, the customer charge will be based on the number of installed meters.

Where a portion of a residential service is used for purposes of a commercial or public character, the applicable general service rate is applicable to all service. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this rate will be applied to the residential service, if the service qualifies hereunder.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

Alternating current 60 Hz, three phase at Company's standard secondary voltage.

NET MONTHLY BILL

Computed in accordance with the following charges:

1. Distribution Charges

(a) Customer Charge

\$8.50 per month

(b) Energy Charge

\$0.031482 per kWh

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 35.8 Cancels and Supersedes Sheet No. 35.7 Page 2 of 2

NET MONTHLY BILL (Contd.)

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense - Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery

Rate

Sheet No. 122, Rider DDR, Distribution Decoupling Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

MINIMUM CHARGE

The minimum charge shall be the Customer Charge as stated above.

BILLING PERIODS

For purposes of administration of the above charges, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to:

- Unpaid account balances of customers enrolled in income payment plans pursuant to Section 4901:1-18-04(B), Ohio Administrative Code; and
- Unpaid account balances for services received from a Certified Supplier.

TERMS AND CONDITIONS

This rate is available upon application in accordance with the Company's Service Regulations.

The Company is not obligated to extend, expand or rearrange its distribution system if it determines that existing distribution facilities are adequate to serve the customer's load.

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 36.5 Cancels and Supersedes Sheet No. 36.4 Page 1 of 2

RATE RSLI

RESIDENTIAL SERVICE - LOW INCOME

APPLICABILITY

Applicable to up to 10,000 electric customers who are at or below 200% of the Federal poverty level and who do not participate in the Percentage of Income Payment Plan (PIPP). Applicable to electric service other than three phase service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where distribution lines are adjacent to the premises to be served.

Residences where not more than two rooms are used for rental purposes will also be included. Where all dwelling units in a multi-occupancy building are served through one meter and the common use area is metered separately, the kilowatt-hour rate will be applied on a "per residence" or "per apartment" basis, however, the customer charge will be based on the number of installed meters.

Where a portion of a residential service is used for purposes of a commercial or public character, the applicable general service rate is applicable to all service. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this rate will be applied to the residential service, if the service qualifies hereunder.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

Alternating current 60 Hz, single phase at Company's standard secondary voltage.

NET MONTHLY BILL

Computed in accordance with the following charges:

1. Distribution Charges

(a) Customer Charge

\$2.00 per month

(b) Energy Charge

\$0.031482 per kWh

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

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P.U.C.O. Electric No. 19 Sheet No. 36.5 Cancels and Supersedes Sheet No. 36.4 Page 2 of 2

NET MONTHLY BILL (Contd.)

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery

Rate

Sheet No. 122, Rider DDR, Distribution Decoupling Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

MINIMUM CHARGE

The minimum charge shall be the Customer Charge as stated above.

BILLING PERIODS

For purposes of administration of the above charges, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to:

- Unpaid account balances of customers enrolled in income payment plans pursuant to Section 4901:1-18-04(B), Ohio Administrative Code; and
- Unpaid account balances for services received from a Certified Supplier.

TERMS AND CONDITIONS

This rate is available upon application in accordance with the Company's Service Regulations.

The supplying and billing for service and all conditions applying thereto are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 40.18 Cancels and Supersedes Sheet No. 40.17 Page 1 of 3

RATE DS

SERVICE AT SECONDARY DISTRIBUTION VOLTAGE

APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at the standard secondary system voltage and where the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served and the Company determines that the customers average monthly demand is greater than 15 kilowatts. Electric service must be supplied at one point of delivery.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase, at Company's standard distribution voltage. When both single and three phase secondary voltage services are required by a Distribution customer, the monthly kilowatt-hour usage and kilowatt demands shall be the respective arithmetical sums of both services.

NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the minimum monthly load factor, expressed as hours-use per month, shall not be less than 71 kWh per kW. When applicable, the minimum monthly load factor shall be achieved by calculating the billing demand as the monthly kWh usage divided by 71 (kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Distribution Charges

(a) Customer Charge per month Single Phase Service

\$22.97

Single and/or Three Phase Service

\$45.95

(b) Demand Charge All kilowatts

\$ 5.6718 per kW

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 40.18 Cancels and Supersedes Sheet No. 40.17 Page 2 of 3

NET MONTHLY BILL (Cont'd)

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

Sheet No. 126, Rider PSR, Price Stabilization Rider

MINIMUM BILL PROVISION

The minimum bill shall be eighty five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months plus the Customer Charge.

In no case, however, shall the minimum bill be less than the Customer Charge.

METERING

The Company may meter at secondary or primary voltage as circumstances warrant. If the Company elects to meter at primary voltage, the kilowatt-hours registered on the Company's meter will be reduced one and one-half (1.5%) percent for billing purposes.

DEMAND

The demand shall be the kilowatts derived from the Company's demand meter for the fifteen-minute period of customer's greatest use during the billing period, as determined by the Company, adjusted for power factor, as provided herein. At the Company's option, a demand meter may not be installed if the nature of the load clearly indicates the load will have a constant demand, in which case the demand will be the calculated demand.

In no event will the billing demand be taken as less than the higher of the following:

- a) Eighty five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months; or
- b) One (1) kilowatt for each single phase meter and five (5) kilowatts for each three phase meter.

The Company may re-determine customer's billing demand at any time in recognition of a permanent change in load due to such occurrences as the installation of load control equipment or a temporary change due to malfunctions of such equipment.

If a customer requests reconnection of an account within twelve (12) months of a disconnection order, the customer's demand record for the period of disconnection will be re-established for purposes of billing and administration of the preceding clause.

For purposes of administration of the above clause, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 40.18 Cancels and Supersedes Sheet No. 40.17 Page 3 of 3

POWER FACTOR ADJUSTMENT

The power factor to be maintained shall be not less than ninety percent (90%) lagging. If the Company determines customer's power factor to be less than ninety percent (90%), the billing demand will be the number of kilowatts equal to the kilovolt amperes multiplied by 0.90.

Power factor may be determined by the following methods, at the Company's option:

a) Continuous measurement

- the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or

b) Testing

- the power factor, as determined during a period in which the customer's measured kW demand is not less than ninety percent (90%) of the measured maximum kW demand of the preceding billing period, will be used for billing purposes until superseded by a power factor determined by a subsequent test made at the direction of Company or request of customer.

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of three (3) years terminable thereafter by a minimum notice of either the customer or the Company as prescribed by the Company's Service Regulations.

The Company is not obligated to extend, expand or rearrange its transmission system voltage if it determines that existing distribution and/or transmission facilities are of adequate capacity to serve the customer's load.

If the Company offers to provide the necessary facilities for transmission service, in accordance with its Service Regulations, an annual facilities charge, applicable to such additional facilities, is established at twenty percent (20%) of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

SERVICE REGULATIONS

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 41.18 Cancels and Supersedes Sheet No. 41.17 Page 1 of 2

RATE GS-FL

OPTIONAL UNMETERED GENERAL SERVICE RATE FOR SMALL FIXED LOADS

APPLICABILITY

Applicable to electric service in the Company's entire territory where secondary distribution lines exist for any fixed electric load that can be served by a standard service drop from the Company's existing secondary distribution system.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

Alternating current 60 Hz, at nominal voltages of 120, 120/240 or 120/208 volts, single phase, unmetered. Service of other characteristics, where available, may be furnished at the option of the Company.

NET MONTHLY BILL

Computed in accordance with the following charges:

- 1. Distribution Charges
 - (a) For loads based on a range of 540 to 720 hours use per month of the rated capacity of the connected equipment

\$0.021504 per kWh

(b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment

\$0.024653 per kWh

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense - Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

Sheet No. 126, Rider PSR, Price Stabilization Rider

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 41.18 Cancels and Supersedes Sheet No. 41.17 Page 2 of 2

MINIMUM CHARGE

The minimum charge shall be \$5.64 per Fixed Load Location per month.

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

SERVICE PROVISIONS

- 1. Each separate point of delivery of service shall be considered a Fixed Load Location.
- 2. Only one supply service will be provided to a customer under this Schedule as one Fixed Load Location.
- 3. The customer shall furnish switching equipment satisfactory to the Company.
- 4. The customer shall notify the Company in advance of every change in connected load, and the Company reserves the right to inspect the customer's equipment at any time to verify the actual load. In the event of the customer's failure to notify the Company of an increase in load, the Company reserves the right to refuse to serve the Fixed Load thereafter under this Schedule, and shall be entitled to bill the customer retroactively on the basis of the increased load for the full period such load was connected.

TERM AND CONDITIONS

One (1) year, terminable thereafter on thirty (30) days written notice by either customer or Company.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 42.18 Cancels and Supersedes Sheet No. 42.17 Page 1 of 3

RATE EH

OPTIONAL RATE FOR ELECTRIC SPACE HEATING

APPLICABILITY

Applicable to electric service for heating when customer's wiring is so arranged that heating service can be furnished at one point of delivery and can be metered separately from all other types of service or to any public school, parochial school, private school, or church when supplied at one point of delivery, provided permanently connected and regularly used electrical equipment is installed in compliance with the Company specifications as the primary source of heating or heating and cooling the atmosphere to temperatures of human comfort; and provided all other electrical energy requirements are purchased from the Company. For the purpose of the administration of this tariff schedule, primary source is defined as at least 90 percent (90%). No single water-heating unit shall be wired such that the demand established by it will exceed 5.5 kilowatts unless approved by the Company.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

Alternating current 60 Hz, single or three phase at Company's standard secondary voltage.

NET MONTHLY BILL

Computed in accordance with the following charges:

Winter Period:

- 1. Distribution Charges
 - (a) Customer Charge per month
 Single Phase Service
 Three Phase Service

\$ 23.00

\$ 46.00

Primary Voltage Service

\$200.00

(b) Energy Charge
All kilowatt-hours

\$0.017638 per kWh

Summer Period:

All usage during the summer period shall be billed in accordance with the provisions of the applicable distribution voltage service rate.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 42.18 Cancels and Supersedes Sheet No. 42.17 Page 2 of 3

NET MONTHLY BILL (Contd.)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense - Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery

Rate

Sheet No. 122, Rider DDR, Distribution Decoupling Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

MINIMUM CHARGE

The minimum charge shall be the Customer Charge as stated above.

BILLING PERIODS

For purposes of administration of the above charges, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 42.18 Cancels and Supersedes Sheet No. 42.17 Page 3 of 3

TERMS AND CONDITIONS

The term of contract shall be for a minimum period of one (1) year, terminable thereafter on thirty (30) days written notice by either the customer or the Company.

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 43.18 Cancels and Supersedes Sheet No. 43.17 Page 1 of 2

RATE DM

SECONDARY DISTRIBUTION SERVICE - SMALL

APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at the standard secondary system voltage and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served and the Company determines that the customer's average monthly demand is 15 kilowatts or less. This tariff schedule is also applicable to electric service to recreation facilities that are promoted, operated and maintained by non-profit organizations where such service is separately metered. Electric service must be supplied at one point of delivery.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

Alternating current, 60 Hz, single phase or three phase at Company's standard secondary distribution voltage.

NET MONTHLY BILL

Computed in accordance with the following charges:

	•	5	
		Summer Period	Winter Period
1.	Distribution Charges		
	(a) Customer Charge		
	Single Phase	\$ 8.07 per month	\$ 8.07 per month
	Three Phase	\$16.14 per month	\$16.14 per month
	(b) Energy Charge		
	First 2,800 kWh	\$0.043217 per kWh	\$0.043217 per kWh
	Next 3,200 kWh	\$0.003837 per kWh	\$0.003837 per kWh
	Additional kWh	\$0.003837 per kWh	\$0.003837 per kWh

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 43.18 Cancels and Supersedes Sheet No. 43.17 Page 2 of 2

NET MONTHLY BILL (Contd.)

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

Sheet No. 122, Rider DDR, Distribution Decoupling Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

MINIMUM CHARGE

The minimum charge shall be the Customer Charge as stated above.

When both single and three phase service are required by the customer, the monthly kilowatt-hour usage shall be the arithmetical sum of both services.

BILLING PERIODS

For purposes of administration of the above charges, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of one (1) year terminable thereafter by a minimum notice either of the customer or the Company as prescribed by the Company's Service Regulations.

For purposes of the administration of this rate, the Company will determine the customer's average monthly demand based upon customer's most recent twelve month usage each year after the initial term of service has been fulfilled by the customer. If the customer's average demand exceeds 15 kW or if the customer's monthly demand exceeds 30 kW in two (2) or more months in any twelve month period, the Company may require the customer to be billed under the provisions of Rate DS.

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 44.18 Cancels and Supersedes Sheet No. 44.17 Page 1 of 3

RATE DP

SERVICE AT PRIMARY DISTRIBUTION VOLTAGE

APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at nominal primary distribution system voltages of 12,500 volts or 34,500 volts, and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served. Electric service must be supplied at one point of delivery.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase at Company's standard distribution voltage of 34,500 volts or lower.

When both single and three phase secondary voltage services are required by a customer, the monthly kilowatt-hour usage and kilowatt demands shall be the respective arithmetical sums of both services.

NET MONTHLY BILL

Computed in accordance with the following charges. (Kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

- 1. Distribution Charges
 - (a) Customer Charge per month
 Primary Voltage Service (12.5 or 34.5 kV)

\$100.00 per month

(b) Demand Charge

\$4.5704 per kW

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 44.18 Cancels and Supersedes Sheet No. 44.17 Page 2 of 3

NET MONTHLY BILL (Cont'd.)

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery

Rate

Sheet No. 126, Rider PSR, Price Stabilization Rider

MINIMUM BILL PROVISION

The minimum bill shall be: Eighty-five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months plus the Customer Charge.

In no case, however, shall the minimum bill be less than the Customer Charge.

PRIMARY VOLTAGE METERING DISCOUNT

The Company may meter at secondary or primary voltage as circumstances warrant. If the Company elects to meter at primary voltage, the kilowatt-hours registered on the Company's meter will be reduced one and one-half percent (1.5%) for billing purposes.

DEMAND

The demand shall be the kilowatts derived from the Company's demand meter for the fifteen-minute period of customer's greatest use during the billing period, as determined by the Company, adjusted for power factor, as provided herein. At its option, the Company may not install a demand meter if the nature of the load clearly indicates the load will have a constant demand, in which case the demand will be the calculated demand.

In no event will the billing demand be taken as less than the higher of the following:

- a) Eighty-five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months; or
- b) Five (5) kilowatts.

The Company may re-determine customer's billing demand at any time in recognition of a permanent change in load due to such occurrences as the installation of load control equipment or a temporary change due to malfunctions of such equipment.

If a customer requests reconnection of an account within twelve (12) months of a disconnection order, the customer's demand record for the period of disconnection will be re-established for purposes of billing and administration of the preceding clause.

For purposes of administration of the above clause, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 44.18 Cancels and Supersedes Sheet No. 44.17 Page 3 of 3

POWER FACTOR ADJUSTMENT

The power factor to be maintained shall be not less than ninety percent (90%) lagging. If the Company determines customer's power factor to be less than ninety percent (90%), the billing demand will be the number of kilowatts equal to the kilovolt amperes multiplied by 0.90.

At the Company's option, power factor may be determined by the following methods:

- a) Continuous measurement
 - the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or
- b) Testing
 - the power factor, as determined during a period in which the customer's measured kW demand is not less than 90% of the measured maximum kW demand of the preceding billing period, will be used for billing purposes until superseded by a power factor determined by a subsequent test made at the direction of Company or request of customer.

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of three (3) years, terminable thereafter by a minimum notice of either the customer or the Company as follows:

- (1) For customers with a most recent twelve (12) month average demand of less than 10,000 kVA, thirty (30) days written notice.
- (2) For customers with a most recent twelve (12) month average demand of greater than 10,000 kVA, twelve (12) months written notice.

The Company is not obligated to extend, expand or rearrange its transmission system voltage if it determines that existing distribution and/or transmission facilities are of adequate capacity to serve the customer's load.

If the Company offers to provide the necessary facilities for transmission service, in accordance with its Service Regulations, an annual facilities charge, applicable to such additional facilities, is established at twenty percent (20%) of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

SERVICE REGULATIONS

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 46.14 Cancels and Supersedes Sheet No. 46.13 Page 1 of 2

RATE SFL - ADPL

OPTIONAL UNMETERED RATE FOR SMALL FIXED LOADS ATTACHED DIRECTLY TO COMPANY'S POWER LINES

APPLICABILITY

Applicable to electric service in the Company's entire territory where secondary and/or primary distribution lines exist for any bulk, small, unmetered, fixed-load electric devices that can be connected directly to the Company's power lines within the power zone of Company's poles and which do not require service drops.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

Alternating current 60 Hz, at nominal voltages of 120, 120/240 or 120/208, 12,500 or 34,500 volts, single phase, unmetered. Service of other characteristics, where available, may be furnished at the option of the Company.

NET MONTHLY BILL

Computed in accordance with the following charges:

1. Distribution Charges

\$0.021474 per kWh

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery

Rate

Sheet No. 126, Rider PSR, Price Stabilization Rider

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 46.14 Cancels and Supersedes Sheet No. 46.13 Page 2 of 2

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. Company and customer may agree to different late payment terms in the Service Agreement. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

SERVICE PROVISIONS

- 1. Each separate point of delivery of service shall be considered a Fixed Load Location.
- 2. The Company shall determine the monthly kWhs associated with each Fixed Load Location.
- 3. The customer shall enter into a Service Agreement with the Company setting forth the terms and conditions under which the customer may connect devices to the Company's power lines.
- 4. The customer shall be responsible for all costs associated with connecting the device to the power lines.
- 5. The customer shall notify the Company in advance of the connection of any device to Company's power lines, and in advance of every change in connected load, and the Company reserves the right to inspect the customer's equipment at any time to verify the actual load. In the event of the customer's failure to notify the Company of an increase in load, the Company reserves the right to refuse to serve the Fixed Load thereafter under this Schedule, and shall be entitled to bill the customer retroactively on the basis of the increased load for the full period such load was connected.
- 6. The Company may, at its sole discretion, refuse to attach devices that it reasonably believes may impede the operation, maintenance, reliability, or safety of the electric distribution lines or pose a danger to Company personnel or other persons.
- 7. To the extent it is commercially feasible to do so, the Company will combine all fixed load locations for a given customer onto a single monthly bill. Billing calculations will be performed for each Fixed Load Location, but the results of the individual calculations will be summarized on the monthly bill.

TERM OF SERVICE

Minimum one (1) year, terminable thereafter on thirty (30) days written notice by either customer or Company. Company and customer may agree to a different term in the Service Agreement.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 60.18 Cancels and Supersedes Sheet No. 60.17 Page 1 of 5

RATE SL

STREET LIGHTING SERVICE

APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, and incorporated homeowners associations for the lighting of public streets and roads with Company-owned lighting fixtures.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This service will no longer be available for units installed after December 31, 2004.

TYPE OF SERVICE

All equipment owned by the Company will be installed and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within forty-eight (48) hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

NET MONTHLY BILL

The following monthly charge for each unit with lamp and luminaire, controlled automatically, will be assessed:

Base Rate OVERHEAD DISTRIBUTION AREA Fixture Description	Lamp <u>Watts</u>	KW/Unit	Annual <u>kWh</u>	Distribution Energy & Equipment \$/Unit
Standard Fixture (Cobra Head) Mercury Vapor				
7,000 lumen 7,000 lumen (Open	175	0.193	803	4.278 4.194
Refractor) 10,000 lumen	175 250	0.205 0.275	853 1,144	4.348
21,000 lumen	400	0.430	1,789	4.401

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032EL-AIR before the Public Utilities Commission of Ohio.

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NET MONTHLY BILL (Contd.)

				Distribution Energy &
	Lamp		Annuai	Equipment
	<u>Watts</u>	KW/Unit	<u>kWh</u>	\$/Unit
Metal Halide				
14,000 lumen	175	0.193	803	4.280
20,500 lumen	250	0.275	1,144	4.347
Sodium Vapor				
9,500 lumen	100	0.117	487	7.567
9,500 lumen (Open				7.275
Refractor)	100	0.117	487	
16,000 lumen	150	0.171	711	8.210
22,000 lumen	200	0.228	948	8.151
27,500 lumen	200	0.228	948	8.154
50,000 lumen	400	0.471	1,959	9.973
Decorative Fixtures				
Sodium Vapor				
9,500 lumen	100	0.117	487	13.135
(Rectilinear)				
22,000 lumen	200	0.246	1,023	13.277
(Rectilinear)				
50,000 lumen	400	0.471	1,959	13.280
(Rectilinear)				
50,000 lumen (Setback)	400	0.471	1,959	18.233

Where a street lighting fixture served overhead is to be installed on another utility's pole on which the Company does not have a contact, a monthly pole charge will be assessed.

Spans of Secondary Wiring:

For each increment of fifty (50) feet of secondary wiring beyond the first one hundred fifty (150) feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.64.

UNDERGROUND DISTRIBUTION AREA Fixture Description Standard Fixture (Cobra Head) Mercury Vapor	Lamp <u>Watts</u>	KW/Unit	Annual <u>kWh</u>	Distribution Energy & Equipment\$/Unit
7,000 lumen 7,000 lumen (Open Refractor)	175 175	0.210 0.205	874 853	3.583 4.417
r,000 lumen (Open Refractor)	1/5	0.205	853	4.417

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032EL-AIR before the Public Utilities Commission of Ohio.

Issued: April 5, 2019

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NET MONTHLY BILL (Contd.)

, ,				Distribution
			A	Energy
	Lamp Watta	KW/Unit	Annual	& Equipment
10,000 lumen	Lamp <u>Watts</u> 250	0.292	<u>kWh</u> 1,215	<u>\$/Unit</u>
21,000 lumen	400	0.292	1,213	3.667
Sodium Vapor	400	0.400	1,914	2.917
9,500 lumen	100	0.117	487	7.552
22,000 lumen	200	0.117	948	8.150
27,500 lumen	200	0.228	948	6.247
50,000 lumen	400	0.220	1,959	9.967
Decorative Fixtures	400	0.471	1,505	9.907
Mercury Vapor				
7,000 lumen (Town & Country)	175	0.205	853	7.735
7,000 lumen (Holophane)	175	0.210	874	8.292
7,000 lumen (Gas Replica)	175	0.210	874	15.191
7,000 lumen (Aspen)	175	0.210	874	7.912
Metal Halide	110	0.210	074	7.512
14,000 lumen (Granville)	175	0.210	874	7.912
14,000 lumen (Town & Country)	175	0.205	853	6.767
14,500 lumen (Gas Replica)	175	0.210	874	20.275
Sodium Vapor	11.0	0.210	014	20.210
9,500 lumen (Town & Country)	100	0.117	487	12.792
9,500 lumen (Holophane)	100	0.128	532	10.333
9,500 lumen (Rectilinear)	100	0.117	487	10.080
9,500 lumen (Gas Replica)	100	0.128	532	23.337
9,500 lumen (Aspen)	100	0.128	532	9.998
16,000 lumen (Aspen)	150	0.171	711	5.523
22,000 lumen (Rectilinear)	200	0.246	1,023	10.367
50,000 lumen (Rectilinear)	400	0.471	1,959	12.724
50,000 lumen (Setback)	400	0.471	1,959	14.237

POLE CHARGES

Pole Description	Pole Type	\$/Pole
Wood		
17 foot (Wood Laminated) (a)	W17	4.79
30 foot	W30	5.24
35 foot	W35	5.67
40 foot	W40	6.39
Aluminum		
12 foot	A12	14.04
28 foot	A28	7.42
28 foot (heavy duty)	A28H	7.53
30 foot (anchor base)	A30	23.43

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032EL-AIR before the Public Utilities Commission of Ohio.

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NET MONTHLY BILL (Contd.)

Pole Description (Contd.)	Pole Type	\$/Pole
Fiberglass	•	
17 foot	F17	4.82
30 foot (bronze)	F30	10.46
35 foot (bronze)	F35	9.91
40 foot	F40	6.39
Steel		
27 foot (11 gauge)	S27	19.22
27 foot (3 gauge)	S27H	26.01

Spans of Secondary Wiring:

For each increment of twenty-five (25) feet of secondary wiring beyond the first twenty-five (25) feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$1.37.

Additional facilities, other than specified above, if required, will be billed at the time of installation.

(a) Note: New or replacement poles no longer available.

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84. Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund

Sheet No. 108, Rider UE-ED, Uncollectible Expense - Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 60.18 Cancels and Supersedes Sheet No. 60.17 Page 5 of 5

TERM OF SERVICE

The street lighting units are installed for the life of the unit, and then its terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 4 or 6 under General Conditions.

GENERAL CONDITIONS

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company. In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (6) When a street lighting unit reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 61.18 Cancels and Supersedes Sheet No. 61.17 Page 1 of 3

RATE TL

TRAFFIC LIGHTING SERVICE

APPLICABILITY

Applicable to the supplying of energy for traffic signals or other traffic control lighting on public streets and roads. After January 1, 1992, this tariff schedule shall only be applicable to municipal, county, state and local governments. In the application of this tariff, each point of delivery shall be considered as a separate customer.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

Alternating current 60 Hz, single phase at the Company's standard secondary voltage.

NET MONTHLY BILL

Computed in accordance with the following charges:

1. Base Rate

- (a) Where the Company supplies energy only, all kilowatt-hours shall be billed as follows: Distribution Energy and Equipment Charge \$0.005214 per kWh
- (b) Where the Company supplies energy from a separately metered source and the Company has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at

\$0.027233 per kWh

(c) Where the Company supplies energy and has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed as follows:

Distribution Energy and Equipment Charge \$0.036490 per kWh

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense - Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

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NET MONTHLY BILL (Contd.)

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

TERM OF SERVICE

One (1) year, terminable thereafter on thirty (30) days written notice by either customer or Company.

GENERAL CONDITIONS

- 1. Billing will be based on the calculated kilowatt-hour consumption taking into consideration the size and characteristics of the load.
- 2. Where the average monthly usage is less than 110 kWh per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing the electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before the work is carried out.
- 3. The location of each point of delivery shall be mutually agreed upon by the Company and the customer. In overhead distribution areas, the point of delivery shall be within one hundred fifty (150) feet of existing secondary wiring. In underground distribution areas, the point of delivery shall be at an existing secondary wiring service point.
- 4. If the customer needs a point of delivery which requires the extension, relocation, or rearrangement of Company's distribution system, the customer shall pay the Company, in addition to the monthly charge, the cost of such extension, relocation, or rearrangement on the basis of time and material plus overhead charges, unless such extension, relocation or rearrangement is performed in the course of the Company's routine system upgrade, or where a municipality requires such work when acting in its governmental capacity; then, no payment will be made. An estimate of the cost will be submitted for approval before work is carried out.

LIMITED MAINTENANCE

Limited maintenance for traffic signals is defined as cleaning and replacing lamps, and repairing connections in wiring which are of a minor nature. Limited maintenance for traffic controllers is defined as cleaning, oiling, adjusting and replacing contacts which are provided by customer, time-setting when requested, and minor repairs to defective wiring.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 61.18 Cancels and Supersedes Sheet No. 61.17 Page 3 of 3

SERVICE REGULATIONS

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

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Distribution

RATE OL

OUTDOOR LIGHTING SERVICE

APPLICABILITY

Applicable for outdoor lighting services on private property with Company owned fixtures in the Company's entire service area where secondary distribution lines are adjacent to the premises to be served. Not applicable for lighting public roadways which are dedicated, or anticipated to be dedicated, except to meet the occasional singular need of a customer who has obtained written approval from the proper governmental authority.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This service will no longer be available for units installed after December 31, 2004.

TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within forty-eight (48) hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for damage, loss or injury resulting from any interruption in such lighting due to any cause. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum.

NET MONTHLY BILL

1. Base Rate

A. Private outdoor lighting units:

The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a maximum mast arm of 16 feet for overhead units will be assessed:

	Lamp <u>Watts</u>	KW/Unit	Annual <u>kWh</u>	Energy & Equipment\$/Unit
Standard Fixtures (Cobra				
<u>Head)</u>				
Mercury Vapor				
7,000 lumen (Open Refractor)	175	0.205	853	7.807
7,000 lumen	175	0.210	874	13.262
10,000 lumen	250	0.292	1,215	13.535
21,000 lumen	400	0.460	1,914	14.907

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

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NET MONTHLY BILL (Contd.)				Distribution Energy
	Lamp Watts	KW/Unit	Annual <u>kWh</u>	& Equipment\$/Unit
Metal Halide				<u> </u>
14,000 lumen	175	0.210	874	13.266
20,500 lumen	250	0.292	1,215	13.535
36,000 lumen	400	0.460	1,914	14.905
Sodium Vapor			,	
9,500 lumen (Open Refractor)	100	0.117	487	7.976
9,500 lumen	100	0.117	487	10.363
16,000 lumen	150	0.171	711	12.229
22,000 lumen	200	0.228	948	11.677
27,500 lumen	100	0.117	487	10.370
27,500 lumen	200	0.228	948	11.750
50,000 lumen	400	0.471	1,959	10.380
Decorative Fixtures (a)				
Mercury Vapor				
7,000 lumen (Town & Country)	175	0.205	853	17.756
7,000 lumen (Aspen)	175	0.210	874	25.266
Sodium Vapor				
9,500 lumen (Town & Country)	100	0.117	487	27.086
9,500 lumen (Holophane)	100	0.128	532	28.113
9,500 lumen (Gas Replica)	100	0.128	532	50.111
22,000 lumen (Rectilinear)	200	0.246	1,023	29.729

- B. When requesting installation of a decorative unit, the customer may elect to make an additional contribution to obtain the monthly rate per unit charge for the same size standard (cobra head) outdoor lighting fixture.
- C. Flood lighting units served in overhead distribution areas (FL):

The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, will be assessed:

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 62.18 Cancels and Supersedes Sheet No. 62.17 Page 3 of 4

NET MONTHLY BILL (Contd.)

				Distribution Energy &
	Lamp		Annual	Equipment
	<u>Watts</u>	KW/Unit	<u>kWh</u>	<u> \$/Unit</u>
Mercury Vapor				
21,000 lumen	400	0.460	1,914	13.785
Metal Halide				
20,500 lumen	250	0.246	1,023	10.188
36,000 lumen	400	0.460	1,914	13.784
Sodium Vapor				
9,500 lumen	100	0.117	487	9.621
22,000 lumen	200	0.246	1,023	10.188
30,000 lumen	200	0.246	1,023	10.187
50,000 lumen	400	0.480	1,997	11.210

Additional facilities, if needed will be billed at the time of installation.

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund

Sheet No. 108, Rider UE-ED, Uncollectible Expense - Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

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TERM OF SERVICE

Three (3) years for a new and/or succeeding customer until the initial period is fulfilled. The service is terminable thereafter on ten (10) days written notice by the customer or the Company.

At the Company's option, a longer contract may be required for large installations.

GENERAL CONDITIONS

- In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed, the customer will be billed for the unexpired term of the contract.
- 2. If the customer requires the extension, relocation or rearrangement of the Company's system, the customer will pay, in addition to the monthly charge, the Company on a time and materials basis, plus overhead charges, for such extension, relocation or rearrangement unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for customer approval before work is carried out.
- 3. If any Company owned lighting unit is required to be relocated, removed or replaced with another unit of the same or lower lamp wattage, the customer ordering this shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charges should be made. An estimate of the cost will be submitted for customer approval before work is carried out.
- 4. Installation of lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- 5. The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these light units for such reason.
- 6. When a lighting unit reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations, currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 63.18 Cancels and Supersedes Sheet No. 63.17 Page 1 of 3

RATE NSU

STREET LIGHTING SERVICE FOR NON-STANDARD UNITS

APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, hereafter referred to as Customer, for the lighting of public streets and roads with existing Company and Customer owned lighting fixtures. This service is not available for units installed after December 2, 1983.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

All equipment owned by the Company will be maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps maintained by the Company within forty-eight (48) hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

NET MONTHLY BILL

The following monthly charge for each unit with lamp and luminaire, controlled automatically, will be assessed.

Base Rate	Lamp <u>Watts</u>	KW/Unit	Annual <u>kWh</u>	Distribution Energy & Equipment <u>\$/Unit</u>
A. Company Owned				
1) Steel boulevard units and 15 and				
30 ft. steel poles served				
underground				
a. 1,000 lumen incandescent	65	0.065	270	8.667
b. 4,000 lumen incandescent	295	0.295	1,227	14.232
c. 6,000 lumen incandescent	405	0.405	1,685	17.604
d. 50,000 lumen sodium vapor	400	0.471	1,959	12.724
Steel light units served overhead on Company owned pole				
a. 2,500 lumen incandescent	148	0.148	616	5.386
b. 6,000 lumen incandescent	405	0.405	1,685	1.597
c. 2,500 lumen mercury vapor	100	0.115	478	5.818

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NET MONTHLY BILL (Cont'd.)

	Lamp <u>Watts</u>	<u>KW/Unit</u>	Annual <u>kWh</u>	Distribution Energy & Equipment \$/Unit
B. Customer owned 1) Lighting system on steel poles served either overhead or				
underground with limited maintenance by Company a. 21,000 lumen mercury vapor	400	0.460	1,914	0.1780
2) Fixtures mounted on Company owned pole served underground in conduit with limited maintenance by Company a. 21,000 lumen mercury vapor (Two fixtures per pole)	400	0.460	1,914	14.071

Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense - Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

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TERM OF SERVICE

The street lighting units are installed for the life of the unit, terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 1 or 3 under General Conditions.

GENERAL CONDITIONS

- (1) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by, and at the expense of, the Company.
 - In case of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (3) When a Company owned street lighting unit reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (4) When a customer owned lighting unit becomes inoperative, the cost of repair or replacement of the unit will be at the customer's expense. The replacement unit shall be an approved Company fixture.
- (5) Limited maintenance by the Company includes only fixture cleaning, relamping, and glassware and photo cell replacement.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

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RATE NSP

PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS

APPLICABILITY

Applicable to service for outdoor lighting on private property with Company owned overhead lighting fixtures in the Company's entire territory where secondary distribution lines are adjacent to the premise to be served. Not applicable to service for lighting of dedicated or undedicated public thoroughfares.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within forty-eight (48) hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for damage, loss or injury resulting from any interruption in such lighting due to any cause. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum.

NET MONTHLY BILL

1. Private outdoor lighting units:

The following monthly charge for Town and Country fixtures installed, or for which customer has contracted with Company to install, prior to March 1, 1991 will be assessed:

	Lamp <u>Watts</u>	KW/Unit	Annual <u>kWh</u>	Distribution Energy & Equipment \$/Unit
9,500 lumen Sodium Vapor	100	0.117	487	12.258

The following monthly charge will be assessed for existing facilities, but this unit will not be available to new customers after March 2, 1972:

	Lamp <u>Watts</u>	KW/Unit	Annual <u>kWh</u>	Distribution Energy & Equipment \$/Unit
2,500 lumen Mercury, Open Refractor 2,500 lumen Mercury, Encl.	100	0.115	478	9.649
Refractor	100	0.115	478	13.640

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

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NET MONTHLY BILL (Contd.)

2. Outdoor lighting units served in underground residential distribution areas:

The following monthly charge will be assessed for existing fixtures which include lamp and luminaire, controlled automatically, with an underground service wire not to exceed thirty-five (35) feet from the service point, but these units will not be available to new customers after March 1, 1991:

	Lamp <u>Watts</u>	KW/Unit	Annual <u>kWh</u>	Distribution Energy & Equipment \$/Unit
7,000 lumen Mercury, Mounted on a 17-foot Fiberglass Pole 7,000 lumen Mercury, Mounted on a	175	0.205	853	17.408
30-foot Wood Pole	175	0.205	853	15.673

3. Flood lighting units served in overhead distribution areas:

The following monthly charge will be assessed for each existing fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a span of wire not to exceed one hundred twenty (120) feet, but these units will not be available to new customers after June 1, 1982:

	Lamp <u>Watts</u>	KW/Unit	Annual <u>kWh</u>	Distribution Energy & Equipment \$/Unit
52,000 lumen Mercury (35-foot Wood Pole)	1,000	1.102	4,584	13.376

4. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense - Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

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NET MONTHLY BILL (Contd.)

Sheet No. 111, Rider RC, Retail Capacity Rider Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

TERM OF SERVICE

Three (3) years, terminable thereafter on ten (10) days written notice by either customer or Company.

GENERAL CONDITIONS

- In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed, the customer will be billed for the unexpired term of the contract.
- 2. If any Company owned lighting unit is required to be relocated, removed or replaced with another unit of the same or lower lamp wattage, the customer ordering this shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charges should be made. An estimate of the cost will be submitted for customer approval before work is carried out.
- 3. When a lighting unit reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations, currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

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RATE SC

STREET LIGHTING SERVICE - CUSTOMER OWNED

APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, and incorporated homeowners associations for the lighting of public streets and roads when the total investment and installation costs of the fixtures are borne by the customer. The fixture shall be a Company approved unit used in overhead and underground distribution areas.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This service will no longer be available for units installed after December 31, 2008.

TYPE OF SERVICE

All equipment will be owned by the customer but may be installed by customer or Company with limited maintenance performed by the Company. Limited maintenance includes only fixture cleaning, relamping, and glassware and photo cell replacement. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within forty-eight (48) hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

NET MONTHLY BILL

The following monthly charge for each lamp with luminaire, controlled automatically, will be assessed:

	Lamp <u>Watts</u>	KW/Unit	Annual <u>kWh</u>	Distribution Energy & Equipment \$/Unit
1. Base Rate				
Fixture Description				
Standard Fixture				
(Cobra Head)				
Mercury Vapor				
21,000 lumen	400	0.430	1,788	0.398
Sodium Vapor				
9,500 lumen	100	0.117	487	1.556
16,000 lumen	150	0.171	711	1.653
22,000 lumen	200	0.228	948	1.553
27,500 lumen	250	0.318	1,323	0.792
50,000 lumen	400	0.471	1,959	0.913

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

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NET MONTHLY BILL (Contd.)

	Lamp <u>Watts</u>	<u>KW/Unit</u>	Annual <u>kWh</u>	Distribution Energy & Equipment\$/Unit
Decorative Fixtures				
Sodium Vapor				
16,000 lumen (Hadco)	150	0.171	711	2.006
22,000 lumen (Rectilinear)	200	0.246	1,023	1.292
50,000 lumen (Rectilinear)	400	0.471	1,959	1.052

Where a street lighting fixture served overhead is to be installed on another utility's pole on which the Company does not have a contact, a monthly pole charge will be assessed.

	Pole Type	\$/ Pole
Pole Description		
Wood		
30 foot	W30	5.24
35 foot	W35	5.67
40 foot	W40	6.39
Aluminum		
12 foot	A12	14.04
28 foot	A28	7.42

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be shown below. The monthly kilowatt-hour usage will be mutually agreed upon between the Company and the customer. Where the average monthly usage is less than 150 kWh per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before work is carried out.

Distribution

\$0.006115 per kWh

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

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NET MONTHLY BILL (Contd.)

Sheet No. 111, Rider RC, Retail Capacity Rider Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

TERM OF SERVICE

The street lighting units are installed for the life of the unit, terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 4 or 6 under General Conditions.

GENERAL CONDITIONS

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced by the Company, the ordering Authority shall pay the Company the cost agreed upon under a separate contract.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

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GENERAL CONDITIONS (Contd.)

- (6) When a customer owned lighting unit becomes inoperative, the cost or repair, replacement or removal of the unit will be at the customer's expense.
- (7) All lights installed on an overhead distribution system will be installed by Company under a separate contract with customer.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

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RATE SE

STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT

APPLICABILITY

Applicable to municipal, county, state and federal governments, including divisions thereof, and incorporated homeowners associations, for the lighting of public streets and roads with Company lighting fixtures in underground distribution areas, where the customer elects to make a contribution for the installation of the fixture, mounting, pole and secondary wiring to obtain the rate/unit for the same size standard fixture (cobra head) in an overhead distribution area.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This service will no longer be available for units installed after December 31, 2004.

TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within forty-eight (48) hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

NET MONTHLY BILL

The following monthly charge for each lamp with luminaire, controlled automatically, will be assessed:

Base Rate	Lamp <u>Watts</u>	KW/Unit	Annual <u>kWh</u>	Distribution Energy & Equipment \$/Unit
Fixture Description				
Decorative Fixtures				
Mercury Vapor				
7,000 lumen (Town &				
Country)	175	0.205	853	4.706
7,000 lumen (Holophane)	175	0.210	874	4.639
7,000 lumen (Gas Replica)	175	0.210	874	4.639
7,000 lumen (Aspen)	175	0.210	874	4.639

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NET MONTHLY BILL (Cont'd)

Sadium Vanor	Lamp <u>Watts</u>	KW/Unit	Annual <u>kWh</u>	Distribution Energy & Equipment <u>\$/Unit</u>
Sodium Vapor 9,500 lumen (Town &	100	0.117	487	7.567
Country)	100	0.117	407	7.507
9,500 lumen (Holophane)	100	0.128	532	7.426
9,500 lumen (Rectilinear)	100	0.117	487	7.569
9,500 lumen (Gas Replica)	100	0.128	532	7.427
9,500 lumen (Aspen)	100	0.128	532	7.427
22,000 lumen (Rectilinear)	200	0.246	1,023	7.916
50,000 lumen (Rectilinear)	400	0.471	1,959	9.973
Metal Halide				
14,000 lumen (Town &	175	0.205	853	4.706
Country)				
14,000 lumen (Granville)	175	0.210	874	4.639
14,400 lumen (Rectangular	4			
Cutoff)	175	0.210	874	13.157
14,500 lumen (Gas Replica)	175	0.210	874	4.638
36,000 lumen (Low Profile)	400	0.455	1,893	11.345

Additional facilities, other than specified above, if required, will be billed at the time of installation.

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

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Sheet No. 126, Rider PSR, Price Stabilization Rider

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LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

TERM OF SERVICE

The street lighting units are installed for the life of the unit, terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 4 or 6 under General Conditions.

GENERAL CONDITIONS

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.
 - In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (6) When a street lighting unit reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after

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GENERAL CONDITIONS (Cont'd)

notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

(7) The contribution only provides for replacement of these facilities due to occasional damage or premature malfunction. It does not cover replacement at end of life.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

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RATE UOLS

UNMETERED OUTDOOR LIGHTING ELECTRIC SERVICE

APPLICABILITY

Applicable for electric energy usage only for any street or outdoor pole-mounted area lighting system (System), operating during the dusk to dawn time period, on private or public property and owned by the customer or the Company. The customer must be adjacent to an electric power line of the Company that is adequate and suitable for supplying the necessary electric service.

Service under this tariff schedule shall require a written agreement between the customer and the Company specifying the calculated lighting kilowatt-hours. The System shall comply with the connection requirements in the Company's Electric Service Regulations, Section III, Customer's and Company's Installations.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

CONTRACT FOR SERVICE

The customer will enter into an Agreement for Electric Service for Outdoor Lighting for a minimum of one (1) year and renewable annually, automatically, thereafter.

The Company will provide unmetered electric service based on the calculated annual energy usage for each luminaire's lamp wattage plus ballast usage (impact wattage). The System kilowatt-hour usage shall be determined by the number of lamps and other System particulars as defined in the written agreement between the customer and Company. The monthly kilowatt-hour amount will be billed at the rate contained in the NET MONTHLY BILL section below.

LIGHTING HOURS

The unmetered lighting System will be operated automatically by either individual photoelectric controllers or System controller(s) set to operate on either dusk-to-dawn lighting levels or on pre-set timers for any hours between dusk-to-dawn. The hours of operation will be agreed upon between the customer and the Company and set out in the Agreement. Dusk-to-dawn lighting typically turns on and off approximately one-half (1/2) hour after sunset and one-half (1/2) hour before sunrise which is approximately 4160 hours annually.

NET MONTHLY BILL

Computed in accordance with the following charge:

1. Base Rate Distribution

\$0.006117 per kWh

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 67.18 Cancels and Supersedes Sheet No. 67.17 Page 2 of 3

NET MONTHLY BILL (Contd.)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84, Rider PF, PowerFoward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 126, Rider PSR, Price Stabililzation Rider

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

OWNERSHIP OF SERVICE LINES

Company will provide, install, own, operate and maintain the necessary facilities for furnishing electric service to the System defined in the agreement. If the customer requires the installation of a System at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

The Company shall erect the service lines necessary to supply electric energy to the System within the limits of the public streets and highways or on private property as mutually agreed upon by the Company and the customer. The customer shall assist the Company, if necessary, in obtaining adequate written easements covering permission to install and maintain any service lines required to serve the System.

The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with lighting output or with service lines or wires of the Company used for supplying electric energy to the System. The customer shall assist the Company, if necessary, in obtaining permission to trim trees where the Company is unable to obtain such permission through its own best efforts.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 67.18 Cancels and Supersedes Sheet No. 67.17 Page 3 of 3

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 68.4 Cancels and Supersedes Sheet No. 68.3 Page 1 of 2

RATE OL-E

OUTDOOR LIGHTING EQUIPMENT INSTALLATION

APPLICABILITY

Applicable for the installation of any street or outdoor area lighting system (System) on private or public property and owned by the Company. The customer must be adjacent to an electric power line of the Company that is adequate and suitable for supplying the necessary electric service.

Service for the System under this tariff shall require a written agreement between the Customer and the Company. The System shall comply with the connection requirements in the Company's Electric Service Regulations, Section III, Customer's and Company's Installations.

A separate written agreement is required for the electrical energy consumed by this lighting system.

CONTRACT FOR SERVICE

The Customer will enter into an Outdoor Lighting Equipment Agreement, herein 'Agreement', with the Company for an initial term not to exceed twenty years and automatically renewable annually thereafter. Termination by either party shall require 120 days advance written notice. The Agreement shall specify the lighting equipment to be installed and owned by the Company, the term of the agreement, itemized monthly charges for the equipment, maintenance terms, and any other necessary information.

The initial Agreement will include two specific monthly charges: a monthly System Charge based on the Company's cost of purchasing and installing the System (Installed Cost), and a monthly Maintenance Charge. The monthly System Charge will end with the expiration of the initial Agreement term while the monthly Maintenance Charge will continue for the life of the System. When the Agreement is terminated by Customer request before initial term expiration, the Customer must reimburse the Company the sum of all remaining monthly System Charges for the initial term of the Agreement, minus salvage value as determined by the Company.

The System Charge is determined by applying the current Levelized Fixed Charge Rate (LFCR), to the Company's cost of purchasing and installing the System. The Customer agrees to the resulting monthly charge that is dependent on the initial term length of the Agreement. The initial term length is the Customer's choice up to and including ten years. The Customer may make an up-front payment that will be applied against the Installed Cost and will thereby reduce the monthly System Charge.

The monthly Maintenance Charge covers estimated equipment maintenance costs as specified in the Agreement, including the ongoing costs of ownership such as administration, taxes and insurance. The Agreement allows for re-evaluation and possible adjustment to the monthly Maintenance Charges every three years.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 68.4 Cancels and Supersedes Sheet No. 68.3 Page 2 of 2

LEVELIZED FIXED CHARGE CALCULATION

The annual Levelized Fixed Charge Rate percentage is calculated as follows:

LFCR =
$$r + d + (\frac{T}{1-T}) \times (r + d - D) \times (\frac{r-i}{r})$$

Where r = Rate of Return (Cost of Capital)

D = Depreciation Rate (straight line)

T = Federal and State Composite Income Tax Rate

i = Synchronized Interest Deduction

d = Sinking Fund Factor

LATE PAYMENT CHARGE

Payment of the total monthly amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

OWNERSHIP OF SERVICE LINES

Company will provide, install, own, operate and maintain the necessary facilities for furnishing electric service to the System defined in the agreement. If the Customer requests the installation of a System at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the Customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval and payment before work is carried out.

The Company shall erect the service lines necessary to supply electric energy to the System within the limits of the public streets and highways or on private property as mutually agreed upon by the Company and the Customer. The Customer shall assist the Company, if necessary, in obtaining adequate written easements covering permission to install and maintain any service lines required to serve the System.

The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with lighting output or with service lines or wires of the Company used for supplying electric energy to the System. The Customer shall assist the Company, if necessary, in obtaining permission to trim trees where the Company is unable to obtain such permission through its own efforts.

SERVICE REGULATIONS

The supplying of and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Public Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 69.1 Cancels and Supersedes Original Sheet No. 69 Page 1 of 7

RATE LED

LED OUTDOOR LIGHTING ELECTRIC SERVICE

APPLICABILITY

To any customer for the sole purpose of lighting roadways or other outdoor land use areas with LED technology fixtures; served from Company fixtures of the LED type available under this rate schedule. Service hereunder is provided for the sole and exclusive benefit of the customer, and nothing herein or in the contract executed hereunder is intended to benefit any third party or to impose any obligation on the Company to any such third party.

Service under this tariff schedule shall require a written agreement between the customer and the Company specifying the calculated lighting kilowatt-hours. The LED System shall comply with the connection requirements in the Company's Electric Service Regulations, Section III, Customer's and Company's Installations.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

CHARACTER OF SERVICE

Automatically controlled lighting service (i.e., photoelectric cell, or digitally controlled node); alternating current, 60 cycle, single phase, at the Company's standard voltage available. This service may include "smart" lighting technologies, at the sole discretion of the Company.

The Company will provide unmetered electric service based on the calculated annual energy usage for each luminaire's lamp wattage plus ballast usage (impact wattage). The LED System kilowatt-hour usage shall be determined by the number of lamps and other LED System particulars as defined in the written agreement between the customer and Company. The monthly kilowatt-hour amount will be billed at the rate contained in the NET MONTHLY BILL section below.

NET MONTHLY BILL

Computed in accordance with the following charge:

1. Base Rate Distribution

\$0.006531 per kWh

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 69.1 Cancels and Supersedes Original Sheet No. 69 Page 2 of 7

NET MONTHLY BILL (Contd.)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 77, Rider ETCJA, Electric Tax Cuts and Jobs Act Rider

Sheet No. 80, Rider ESRR, Electric Service Reliability Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 84. Rider PF, PowerForward Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 101, Rider DSR, Distribution Storm Rider

Sheet No. 103, Rider DCI, Distribution Capital Investment Rider

Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

3. Monthly Maintenance, Fixture, and Pole Charges

I. Fixtures:				PER UNIT PER MONTH		
BILLING TYPE	DESCRIPTION	INITIAL LUMENS OUTPUT	LAMP WATTA GE	kWh	FIXTUR E	MAINTEN ANCE
LF-LED-50W-SL-BK-						
MW	50W Standard LED-BLACK	4,521	50	17.3	\$ 5.81	\$ 4.38
LF-LED-70W-SL-BK-	***					
MW	70W Standard LED-BLACK	6,261	70	24.3	\$ 5.79	\$ 4.38
LF-LED-110W-SL-						
BK-MW	110W Standard LED-BLACK	9,336	110	38.1	\$ 6.61	\$ 4.38
LF-LED-150W-SL-						
BK-MW	150W Standard LED-BLACK	12,642	150	52.0	\$ 8.83	\$ 4.38
LF-LED-220W-SL-			_			
BK-MW	220W Standard LED-BLACK	18,641	220	76.3	\$ 10.05	\$ 5.34
LF-LED-280W-SL-						
BK-MW	280W Standard LED-BLACK	24,191	280	97.1	\$ 12.42	\$ 5.34
LF-LED-50W-DA-						
BK-MW	50W Deluxe Acorn LED-BLACK	5,147	50	17.3	\$ 17.41	\$ 4.38

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 69.1 Cancels and Supersedes Original Sheet No. 69 Page 3 of 7

15155 5011 10		1				1
LF-LED-50W-AC-	FONA A LED BLACK	F 4 4 7		47.2	£ 45.53	4.20
BK-MW	50W Acorn LED-BLACK	5,147	50	17.3	\$ 15.67	\$ 4.38
LF-LED-50W-MB-	504444: 18 11458 84464	4.500		1		4
BK-MW	50W Mini Bell LED-BLACK	4,500	50	17.3	\$ 14.76	\$ 4.38
LF-LED-70W-BE-BK-						
MW	70W Bell LED-BLACK	5,508	70	24.3	\$ 18.86	\$ 4.38
LF-LED-50W-TR-BK-						
MW	50W Traditional LED-BLACK	3,230	50	17.3	\$ 11.28	\$ 4.38
LF-LED-50W-OT-						4
BK-MW	50W Open Traditional LED-BLACK	3,230	50	17.3	\$ 11.28	\$ 4.38
LF-LED-50W-EN-						
BK-MW	50W Enterprise LED-BLACK	3,880	50	17.3	\$ 15.26	\$ 4.38
LF-LED-70W-ODA-						
BK-MW	70W LED Open Deluxe Acorn	6,500	70	24.3	\$ 16.98	\$ 4.38
LF-LED-150W-TD-						
BK-MW	150W LED Teardrop	12,500	150	52.0	\$ 22.88	\$ 4.38
LF-LED-50W-TDP-						
BK-MW	50W LED Teardrop Pedestrian	4,500	50	17.3	\$ 18.51	\$ 4.38
220W LED					1	
SHOEBOX	220W LED Shoebox	18,500	220	76.3	\$ 15.77	\$ 5.34
LF-LED-50W-SL-BK-	LED 50W 4521 LUMENS STANDARD LED					
MW	BLACK TYPE III 4000K	4,521	50	17.3	\$ 5.81	\$ 4.38
LF-LED-50W-SL-BK-	LED 50W 4521 LUMENS STANDARD LED			1		
MW	BLACK TYPE III 4000K	4,521	50	17.3	\$ 5.81	\$ 4.38
LF-LED-70W-SL-BK-	LED 70W 6261 LUMENS STANDARD LED					
MW	BLACK TYPE III 4000K	6,261	70	24.3	\$ 5.79	\$ 4.38
LF-LED-70W-SL-BK-	LED 70W 6261 LUMENS STANDARD LED					
MW	BLACK TYPE III 4000K	6,261	70	24.3	\$ 5.79	\$ 4.38
LF-LED-110W-SL-	LED 110W 9336 LUMENS STANDARD LED					
BK-MW	BLACK TYPE III 4000K	9,336	110	38.1	\$ 6.61	\$ 4.38
LF-LED-110W-SL-	LED 110W 9336 LUMENS STANDARD LED					j
BK-MW	BLACK TYPE III 4000K	9,336	110	38.1	\$ 6.61	\$ 4.38
LF-LED-150W-SL-	LED 150W 12642 LUMENS STANDARD LED					
BK-MW	BLACK TYPE III 4000K	12,642	150	52.0	\$ 8.83	\$ 4.38
LF-LED-150W-SL-	LED 150W 12642 LUMENS STANDARD LED					
BK-MW	BLACK TYPE III 4000K	12,642	150	52.0	\$ 8.83	\$ 4.38
LF-LED-150W-SL-	LED 150W 13156 LUMENS STANDARD LED					
IV-BK-MW	TYPE IV BLACK 4000K	13,156	150	52.0	\$ 8.83	\$ 4.38
LF-LED-150W-SL-	LED 150W 13156 LUMENS STANDARD LED					
IV-BK-MW	TYPE IV BLACK 4000K	13,156	150	52.0	\$ 8.83	\$ 4.38
LF-LED-220W-SL-	LED 220W 18642 LUMENS STANDARD LED					
BK-MW	BLACK TYPE III 4000K	18,642	220	76.3	\$ 10.05	\$ 5.34
LF-LED-220W-SL-	LED 220W 18642 LUMENS STANDARD LED	· ·	1			
BK-MW	BLACK TYPE III 4000K	18,642	220	76.3	\$ 10.05	\$ 5.34
LF-LED-280W-SL-	LED 280W 24191 LUMENS STANDARD LED	,		1		
BK-MW	BLACK TYPE III 4000K	24,191	280	97.1	\$ 12.42	\$ 5.34
LF-LED-280W-SL-	LED 280W 24191 LUMENS STANDARD LED	<u> </u>				i i
BK-MW	BLACK TYPE III 4000K	24,191	280	97.1	\$ 12.42	\$ 5.34
LF-LED-50W-DA-	LED 50W DELUXE ACORN BLACK TYPE III	<u> </u>			<u> </u>	
BK-MW	4000K	5,147	50	17.3	\$ 17.41	\$ 4.38
LF-LED-70W-ODA-	LED 70W OPEN DELUXE ACORN BLACK TYPE		1	1	T	7
BK-MW	III 4000K	6,500	70	24.3	\$ 16.98	\$ 4.38
LF-LED-50W-AC-		1	1		T = 2.2.2	7
BK-MW	LED 50W ACORN BLACK TYPE III 4000K	5,147	50	17.3	\$ 15.67	\$ 4.38
LF-LED-50W-MB-	LED 50W MINI BELL LED BLACK TYPE III	J,2-17	1	1	7 23.07	7
BK-MW	4000K MIDWEST	4,500	50	17.3	\$ 14.76	\$ 4.38
		1,500		1 27.00	1 4 2 417 O	1 9 4.55

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Utilities Commission of Ohio.

P.U.C.O. Electric No. 19 Sheet No. 69.1 Cancels and Supersedes Original Sheet No. 69 Page 4 of 7

LF-LED-70W-BE-BK-	LED 70W 5508 LUMENS SANIBELL BLACK		1			
MW	TYPE III 4000K	5,508	70	24.3	\$ 18.86	\$ 4.38
LF-LED-50W-TR-BK-						
MW	LED 50W TRADITIONAL BLACK TYPE III 4000K	3,303	50	17.3	\$ 11.28	\$ 4.38
LF-LED-50W-OT-	LED 50W OPEN TRADITIONAL BLACK TYPE III	-				
BK-MW	4000K	3,230	50	17.3	\$ 11.28	\$ 4.38
LF-LED-50W-EN-						
BK-MW	LED 50W ENTERPRISE BLACK TYPE III 4000K	3,880	50	17.3	\$ 15.26	\$ 4.38
LF-LED-150W-TD-	LED 150W LARGE TEARDROP BLACK TYPE III					
BK-MW	4000K	12,500	150	52.0	\$ 22.88	\$ 4.38
LF-LED-50W-TDP-	LED 50W TEARDROP PEDESTRIAN BLACK					
BK-MW	TYPE III 4000K	4,500	50	17.3	\$ 18.51	\$ 4.38
LF-LED-220W-SB-						
BK-MW	LED 220W SHOEBOX BLACK TYPE IV 4000K	18,500	220	76.3	\$ 15.77	\$ 5.34
LF-LED-150W-BE-		-				
BK-MW	150W Sanibel	39,000	150	52.0	\$ 18.86	\$ 4.38
LF-LED-420W-SB-			1			
BK-MW	420W LED Shoebox	39,078	420	145.6	\$ 23.65	\$ 5.34
LF-LED-50W-NB-						
GY-MW	50W Neighborhood	5,000	50	17.3	\$ 4.68	\$ 4.38
LF-LED-50W-NBL-						
GY-MW	50W Neighborhood with Lens	5,000	50	17.3	\$ 4.89	\$ 4.38

II. POLES BILLING TYPE	DESCRIPTION	CHARGE PER UNIT PER MONTH
LP-12-C-PT-AL-AB-TT-BK-		
MW	12' C-Post Top- Anchor Base-Black	\$ 14.54
LP-25-C-DV-AL-AB-TT-BK-		
MW	25' C-Davit Bracket- Anchor Base-Black	\$ 38.65
LP-25-C-BH-AL-AB-TT-BK-	25' C-Boston Harbor Bracket- Anchor Base-Black	¢ 30.00
10100	25 C-Boston Harbor Bracket- Anchor Base-Black	\$ 39.08
LP-12-E-AL-AB-TT-BK-MW	12' E-AL - Anchor Base-Black	\$ 14.53
15310-40FTALEMB-OLE	35' AL-Side Mounted-Direct Buried Pole	\$ 24.79
15320-30FTALAB-OLE	30' AL-Side Mounted-Anchor Base	\$ 19.04
15320-35FTALAB-OLE	35' AL-Side Mounted-Anchor Base	\$ 18.52
15320-40FTALAB-OLE	40' AL-Side Mounted-Anchor Base	\$ 22.95
POLE-30-7	30' Class 7 Wood Pole	\$ 8.93
POLE-35-5	35' Class 5 Wood Pole	\$ 9.72
POLE-40-4	40' Class 4 Wood Pole	\$ 14.77
POLE-45-4	45' Class 4 Wood Pole	\$ 15.31
15210-20BRZSTL-OLE	20' Galleria Anchor Based Pole	\$ 12.98
15210-30BRZSTL-OLE	30' Galleria Anchor Based Pole	\$ 15.39
15210-35BRZSTL-OLE	35' Galleria Anchor Based Pole	\$ 44.75
LP-12-A-AL-AB-TT-BK-MW	MW-Light Pole-12' MH- Style A-Aluminum-Anchor Base-Top Tenon-Black	\$ 8.72
LP-12-A-AL-DB-TT-BK-MW	MW-Light Pole-Post Top-12' MH- Style A-Alum-Direct Buried-Top Tenon-Black	\$ 7.43
LP-15-A-AL-AB-TT-BK-MW	Light Pole-15' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	\$ 8.98

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Utilities Commission of Ohio.

LP-15-A-AL-DB-TT-BK-MW	Light Pole-15' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	\$ 7.74
LP-20-A-AL-AB-TT-BK-MW	Light Pole-20' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	\$ 9.43
LP-20-A-AL-DB-TT-BK-MW	Light Pole-20' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	\$ 14.58
LP-25-A-AL-AB-TT-BK-MW	Light Pole-25' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	\$ 11.21
LP-25-A-AL-DB-TT-BK-MW	Light Pole-25' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	\$ 16.27
LP-30-A-AL-AB-TT-BK-MW	Light Pole-30' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	\$ 13.31
LP-30-A-AL-DB-TT-BK-MW	Light Pole-30' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	\$ 18.14
LP-35-A-AL-AB-TT-BK-MW	Light Pole-35' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	\$ 15.40
LP-35-A-AL-DB-TT-BK-MW	Light Pole-35' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	\$ 19.62
LP-12-B-AL-AB-TT-GN-MW	MW-Light Pole-12' MH- Style B Aluminum Anchor Base-Top Tenon Black Pri	\$ 10.67
LP-12-C-PT-AL-AB-TT-BK- MW	MW-Light Pole-12' MH-Style C-Post Top-Alum-Anchor Base-TT-Black Pri	\$ 14.54
LP-16-C-DV-AL-AB-TT-GN-		
MW LP-25-C-DV-AL-AB-TT-BK-	MW-LT Pole-16' MH-Style C-Davit Bracket-Alum-Anchor Base-TT-Black	\$ 19.54
MW	MW-Light Pole-25' MH-Style C-Davit Bracket-Alum-Anchor Base-TT-Black Pri	\$ 38.65
LP-16-C-BH-AL-AB-TT-GN- MW	MW-LT Pole-16' MH-Style C-Boston Harbor Bracket-AL-AB-TT-Black Pri	\$ 15.61
LP-25-C-BH-AL-AB-TT-BK- MW	MW-LT Pole-25' MH-Style C-Boston Harbor Bracket-AL-AB-TT-Black Pri	\$ 39.08
LP-12-D-AL-AB-TT-GN-MW	MW-LT Pole 12 Ft MH Style D Alum Breakaway Anchor Base TT Black Pri	\$ 14.39
LP-12-E-AL-AB-TT-BK-MW	MW-Light Pole-12' MH-Style E-Alum-Anchor Base-Top Tenon-Black	\$ 14.53
LP-12-F-AL-AB-TT-GN-MW	MW-Light Pole-12' MH-Style F-Alum-Anchor Base-Top Tenon-Black Prie	\$ 15.60
15210-20BRZSTL-OLE	MW-15210-Galleria Anchor Base-20FT Bronze Steel-OLE	\$ 12.98
15210-30BRZSTL-OLE	MW-15210-Galleria Anchor Base-30FT Bronze Steel-OLE	\$ 15.39
15210-35BRZSTL-OLE	MW-15210-Galleria Anchor Base-35FT Bronze Steel-OLE	\$ 44.75
15310-40FTALEMB-OLE	MW-15310-35FT MH Aluminum Direct Embedded Pole-OLE	\$ 24.79
15320-30FTALAB-OLE	MW-15320-30FT Mounting Height Aluminum Achor Base Pole-OLE	\$ 19.04
15320-35FTALAB-OLE	MW-15320-35FT Mounting Height Aluminum Achor Base Pole-OLE	\$ 18.52
15320-40FTALAB-OLE	MW-15320-40FT Mounting Height Aluminum Achor Base Pole-OLE	\$ 22.95
POLE-30-7	MW-POLE-30-7	\$ 8.93
POLE-35-5	MW-POLE-35-5	\$ 9.72
POLE-40-4	MW-POLE-40-4	\$ 14.77
POLE-45-4	MW-POLE-45-4	\$ 15.31
POLE-45-4	MW-POLE-45-4	\$ 15.31

LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

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P.U.C.O. Electric No. 19 Sheet No. 69.1 Cancels and Supersedes Original Sheet No. 69 Page 6 of 7

OWNERSHIP OF SERVICE LINES

Company will provide, install, own, operate and maintain the necessary facilities for furnishing electric service to the System defined in the agreement. If the customer requires the installation of a System at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

The Company shall erect the service lines necessary to supply electric energy to the System within the limits of the streets and highways or on property as mutually agreed upon by the Company and the customer. The customer shall assist the Company, if necessary, in obtaining adequate written easements covering permission to install and maintain any service lines required to serve the System.

The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with lighting output or with service lines or wires of the Company used for supplying electric energy to the System. The customer shall assist the Company, if necessary, in obtaining permission to trim trees where the Company is unable to obtain such permission through its own best efforts.

TERMS OF SERVICE:

Service under this rate schedule shall be for a minimum initial term of ten (10) years from the commencement of service and shall continue thereafter until terminated by either party by written notice sixty (60) days or to termination. Upon early termination of service under this schedule, the customer shall pay an amount equal to the remaining monthly lease amount for the term of contract, applicable Customer Charges and removal cost of the facilities.

Special Provisions:

- 1. The customer shall execute a contract on the Company's standard filed contract form for service under this rate schedule.
- 2. Where the Company provides a LED fixture or pole type other than those listed above, the monthly charges, as applicable shall be computed as follows:
 - I. Fixture
 - a. Fixture Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.
 - b. Maintenance Charge: Based on the Company's average cost of performing maintenance on lighting equipment.
 - II. Pole
 - a. Pole Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.
- 3. The customer shall be responsible for the cost incurred to repair or replace any fixture or pole which has been willfully damaged. The Company shall not be required to make such repair or replacement or to payment by the customer for damage.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Utilities Commission of Ohio.

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- 4. kWh consumption for Company-owned fixtures shall be estimated in lieu of installing meters. Monthly kWh estimates will be made using the following formula: kWh = Unit Wattage x (4160 hours per year / 12 months) / 1,000
- 5. kWh consumption for customer-owned fixtures shall be metered. Installation of customer-owned lighting facilities shall be provided for by the customer.
- 6. No Pole Charge shall be applicable for a fixture installed on a company-owned pole which is utilized for other general electrical distribution purposes.
- 7. The Company will repair or replace malfunctioning lighting fixtures maintained by the Company
- 8. For a fixture type restricted to existing installations and requiring major renovation or replacement, the fixture shall be replaced by an available similar non-restricted LED fixture of the customer's choosing and the customer shall commence being billed at its appropriate rate.
- 9. The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities.
- 10. All new leased LED lighting shall be installed on poles owned by the Company.
- 11. Alterations to leased LED lighting facilities requested by the customer after date of installation (i.e. redirect, install shields, etc.), will be billed to the customer in accordance with the Company's policy.
- 12. Service for street or area lighting is normally provided from existing distribution facilities. Where suitable distribution facilities do not exist, it will be the customer's responsibility to pay for necessary additional facilities.
- 13. For available LEDs, the customer may opt to make an initial, one-time payment of 50% of the installed cost of fixtures rated greater than 200 Watts and/or poles other than standard wood poles, to reduce the Company's installed cost, therefore reducing their monthly rental rates for such fixtures and poles. If a customer chooses this option, the monthly fixture and/or pole charge shall be computed as the reduced installed cost times the corresponding monthly percentage in 2.1.(a) and/or 2.II above.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Utilities Commission of Ohio.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-0032-EL-AIR before the Utilities Commission of Ohio.

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Summary: Tariff Duke Energy Ohio Revised Electric Tariffs electronically filed by Mrs. Julie A. Lee on behalf of Ziolkowski, Jim and Duke Energy Ohio and Lee, Julie Ann Mrs.