

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

**Application for Tariff Adjustment
pursuant to Section 4909.18 Revised Code**

In the Matter of the Application of Ohio)	
Edison Company, The Cleveland Electric)	
Illuminating Company, and The Toledo)	Case No. 19-1108-EL-ATA
Edison Company for Modification)	
of a Tariff Change)	

1. APPLICANT RESPECTFULLY PROPOSES: (Check applicable proposals)

<input checked="" type="checkbox"/> New Service	<input type="checkbox"/> Change in Rule or Regulation
<input type="checkbox"/> New Classification	<input checked="" type="checkbox"/> Rate Change
<input type="checkbox"/> Change in Classification	<input type="checkbox"/> Correction of Error
<input type="checkbox"/> Other, not involving increase in rates	
<input checked="" type="checkbox"/> Various related and unrelated textual revision, without change in intent	

2. DESCRIPTION OF PROPOSAL: Proposal to update and extend the Experimental Company Owned LED Lighting Program tariff, which expires December 31, 2019.

3. TARIFFS AFFECTED: (If more than 2, use additional sheets) Only the existing tariff, the Experimental Company Owned LED Lighting Program, is affected.

4. Attached hereto and made a part hereof are: (Check applicable Exhibits)

☒ Exhibit A - existing schedule sheets (to be superseded) if applicable

☒ Exhibit B - proposed schedule sheets

☒ Exhibit C-1

a) if new service is proposed, describe;

- b) if new equipment is involved, describe (preferably with a picture, brochure, etc.) and where appropriate, a statement distinguishing proposed service from existing services;
- c) if proposed service results from customer requests, so state, giving if available, the number and type of customers requesting proposed service.

_____ Exhibit C-2 - if a change of classification, rule or regulation is proposed, a statement explaining reason for change.

_____ Exhibit C-3 – statement explaining reason for any proposal not covered in Exhibits C-1 or C-2.

5. Applicants respectfully request the Commission to approve the tariff sheets attached hereto to become effective and replace the existing tariffs as soon as possible.

Respectfully Submitted,

/s/Robert M. Endris

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The Cleveland Electric Illuminating
Company, and The Toledo Edison
Company

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

AVAILABILITY:

This program is being offered on an experimental basis through December 31, 2019. Available to municipalities and governmental authorities that elect to take service from The Cleveland Electric Illuminating Company owned light-emitting diode (LED) lights for the lighting of streets, sidewalks, parks, and other public grounds.

This experimental program is only available to new customers and customers currently taking service under the Company Owned program under Street Lighting Service (Rate STL), sheet No. 31. A minimum installation of 12 LED lights per customer is required for participation.

GENERAL PROVISIONS:

Unless otherwise noted, the terms of sheet No. 30 (Street Lighting Provisions) shall apply.

METERING:

Standard street lighting service shall be unmetered with monthly kilowatt hour consumption determined using rated capacity multiplied by average burn hours.

BURN HOURS AND MONTHLY KWH CONSUMPTION:

Unless otherwise noted, all lamps shall be operated by photoelectric control or by time clocks, with hours of operation from dusk to dawn, 4,200 hours per annum.

The following monthly Kilowatt-hour values shall be used for billing purposes.

Light Type	Bulb Rating (Lumens)	Bulb Rating (Watts)	kWh per Month
Cobra Head	4,000	50	18
Cobra Head	7,000	90	32
Cobra Head	11,500	130	46
Cobra Head	24,000	260	91
Acorn	2,500	50	18
Acorn	5,000	90	32
Colonial	2,500	50	18
Colonial	5,000	90	32

COSTS OF INSTALLATION:

The Company will install LED lighting fixtures on approved existing poles. The customer shall not be required to pay for the cost of the LED fixture or its installation prior to taking service under this experimental program. However, any additional and new lighting equipment installed by the Company at the request of the customer, including but not limited to poles, brackets, secondary, transformation, etc., not provided for herein, shall be the property of the Company and be paid for by the customer prior to the customer taking service under this experimental program.

Filed pursuant to Orders dated November 20, 2014 and October 12, 2016 in Case Nos. 14-1027-EL-ATA
and 16-470-EL-ATA, before

The Public Utilities Commission of Ohio

Issued by: Steven E. Strah, President

Effective: June 1, 2016

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

CHANGES IN NUMBER, SIZE, TYPE OR LOCATION:

Costs associated with activities related to the replacement, relocation, alteration, repair, or removal of existing street lighting equipment are not included as part of normal maintenance and will be the responsibility of the customer. Examples of such activities include, but are not limited to, the replacement of an existing fixture, remaining costs of existing infrastructure, removal or relocation of a lamp, luminaire, bracket, and/or pole, or installation of a luminaire shield.

REMAINING COSTS OF EXISTING INFRASTRUCTURE:

In cases where an existing light is being replaced by an LED light on existing Company owned infrastructure, the customer is responsible for the remaining costs of the existing light, pole and all associated infrastructure prior to installation of the LED light. For each existing light that is being replaced, the remaining costs of the existing infrastructure are to be paid by the customer, in the amount of \$301 per fixture, prior to the customer taking service under this experimental program.

RESPONSIBILITIES FOR OWNERSHIP, MAINTENANCE AND REPLACEMENT:

All lighting components including lamp, refractor, luminaire, ballast, pole, bracket, and other supporting materials shall be owned by the Company. All service and necessary maintenance will be performed only during the regular working hours of the Company. If service and necessary maintenance cannot be performed during regular working hours of the Company, for reasons beyond the Company's control, the incremental costs of performing such work shall be borne by the customer.

RATE:

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges per fixture per month, as shown below.

Distribution Charges:

Light Type	Bulb Rating (Lumens)	Bulb Rating (Watts)	Monthly Charge per Fixture
Cobra Head	4,000	50	\$7.39
Cobra Head	7,000	90	\$9.24
Cobra Head	11,500	130	\$9.82
Cobra Head	24,000	260	\$15.13
Acorn	2,500	50	\$19.44
Acorn	5,000	90	\$20.53
Colonial	2,500	50	\$11.74
Colonial	5,000	90	\$12.90

Filed pursuant to Orders dated November 20, 2014 and October 12, 2016 in Case Nos. 14-1027-EL-ATA
and 16-470-EL-ATA, before

The Public Utilities Commission of Ohio

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

CUSTOMER CANCELLATION:

This experimental program will be offered through December 31, 2019, unless cancelled earlier.

Customers may opt off of this lighting program to the Company's Street Lighting Service, Company Owned schedule with 60 days advanced written notice. Customers electing to opt off of the experimental program shall be responsible for all costs associated with removing the LED lights, including the remaining costs of the existing infrastructure that would otherwise be recoverable absent the customer opting off this program. Opting off this program shall not affect or impair the Company's ownership rights of the LED Lights.

OTHER PROVISIONS:

All energy savings associated with customer participation under this experimental program shall count toward The Cleveland Electric Illuminating Company's energy efficiency and peak demand reduction requirements arising as a result of Section 4928.66, Revised Code and associated Ohio Administrative Code provisions.

APPLICABLE RIDERS:

Unless otherwise noted, all rider charges applicable to Rate STL as designated on the Summary Rider, Tariff Sheet 80, shall be added to the Rates and charges set forth above for customers participating under this experimental program.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

AVAILABILITY:

This program is being offered on an experimental basis through December 31, 2019. Available to municipalities and governmental authorities that elect to take service from Ohio Edison Company owned light-emitting diode (LED) lights for the lighting of streets, sidewalks, parks, and other public grounds.

This experimental program is only available to new customers and customers currently taking service under the Company Owned program under Street Lighting Service (Rate STL), sheet No. 31. A minimum installation of 12 LED lights per customer is required for participation.

GENERAL PROVISIONS:

Unless otherwise noted, the terms of sheet No. 30 (Street Lighting Provisions) shall apply.

METERING:

Standard street lighting service shall be unmetered with monthly kilowatt hour consumption determined using rated capacity multiplied by average burn hours.

BURN HOURS AND MONTHLY KWH CONSUMPTION:

Unless otherwise noted, all lamps shall be operated by photoelectric control or by time clocks, with hours of operation from dusk to dawn, 4,200 hours per annum.

The following monthly Kilowatt-hour values shall be used for billing purposes.

Light Type	Bulb Rating (Lumens)	Bulb Rating (Watts)	kWh per Month
Cobra Head	4,000	50	18
Cobra Head	7,000	90	32
Cobra Head	11,500	130	46
Cobra Head	24,000	260	91
Acorn	2,500	50	18
Acorn	5,000	90	32
Colonial	2,500	50	18
Colonial	5,000	90	32

COSTS OF INSTALLATION:

The Company will install LED lighting fixtures on approved existing poles. The customer shall not be required to pay for the cost of the LED fixture or its installation prior to taking service under this experimental program. However, any additional and new lighting equipment installed by the Company at the request of the customer, including but not limited to poles, brackets, secondary, transformation, etc., not provided for herein, shall be the property of the Company and be paid for by the customer prior to the customer taking service under this experimental program.

Filed pursuant to Orders dated November 20, 2014 and October 12, 2016 in Case Nos. 14-1027-EL-ATA
and 16-470-EL-ATA, before

The Public Utilities Commission of Ohio

Issued by: Steven E. Strah, President

Effective: June 1, 2016

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM**CHANGES IN NUMBER, SIZE, TYPE OR LOCATION:**

Costs associated with activities related to the replacement, relocation, alteration, repair, or removal of existing street lighting equipment are not included as part of normal maintenance and will be the responsibility of the customer. Examples of such activities include, but are not limited to, the replacement of an existing fixture, remaining costs of existing infrastructure, removal or relocation of a lamp, luminaire, bracket, and/or pole, or installation of a luminaire shield.

REMAINING COSTS OF EXISTING INFRASTRUCTURE:

In cases where an existing light is being replaced by an LED light on existing Company owned infrastructure, the customer is responsible for the remaining costs of the existing light, pole and all associated infrastructure prior to installation of the LED light. For each existing light that is being replaced, the remaining costs of the existing infrastructure are to be paid by the customer, in the amount of \$228 per fixture, prior to the customer taking service under this experimental program.

RESPONSIBILITIES FOR OWNERSHIP, MAINTENANCE AND REPLACEMENT:

All lighting components including lamp, refractor, luminaire, ballast, pole, bracket, and other supporting materials shall be owned by the Company. All service and necessary maintenance will be performed only during the regular working hours of the Company. If service and necessary maintenance cannot be performed during regular working hours of the Company, for reasons beyond the Company's control, the incremental costs of performing such work shall be borne by the customer.

RATE:

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges per fixture per month, as shown below.

Distribution Charges:

Light Type	Bulb Rating (Lumens)	Bulb Rating (Watts)	Monthly Charge per Fixture
Cobra Head	4,000	50	\$6.44
Cobra Head	7,000	90	\$8.09
Cobra Head	11,500	130	\$8.60
Cobra Head	24,000	260	\$13.33
Acorn	2,500	50	\$17.16
Acorn	5,000	90	\$18.14
Colonial	2,500	50	\$10.31
Colonial	5,000	90	\$11.34

Filed pursuant to Orders dated November 20, 2014 and October 12, 2016 in Case Nos. 14-1027-EL-ATA
and 16-470-EL-ATA, before

The Public Utilities Commission of Ohio

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

CUSTOMER CANCELLATION:

This experimental program will be offered through December 31, 2019, unless cancelled earlier.

Customers may opt off of this lighting program to the Company's Street Lighting Service, Company Owned schedule with 60 days advanced written notice. Customers electing to opt off of the experimental program shall be responsible for all costs associated with removing the LED lights, including the remaining costs of the existing infrastructure that would otherwise be recoverable absent the customer opting off this program. Opting off this program shall not affect or impair the Company's ownership rights of the LED Lights.

OTHER PROVISIONS:

All energy savings associated with customer participation under this experimental program shall count toward Ohio Edison Company's energy efficiency and peak demand reduction requirements arising as a result of Section 4928.66, Revised Code and associated Ohio Administrative Code provisions.

APPLICABLE RIDERS:

Unless otherwise noted, all rider charges applicable to Rate STL as designated on the Summary Rider, Tariff Sheet 80, shall be added to the Rates and charges set forth above for customers participating under this experimental program.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM**AVAILABILITY:**

This program is being offered on an experimental basis through December 31, 2019. Available to municipalities and governmental authorities that elect to take service from The Toledo Edison Company owned light-emitting diode (LED) lights for the lighting of streets, sidewalks, parks, and other public grounds.

This experimental program is only available to new customers and customers currently taking service under the Company Owned program under Street Lighting Service (Rate STL), sheet No. 31. A minimum installation of 12 LED lights per customer is required for participation.

GENERAL PROVISIONS:

Unless otherwise noted, the terms of sheet No. 30 (Street Lighting Provisions) shall apply.

METERING:

Standard street lighting service shall be unmetered with monthly kilowatt hour consumption determined using rated capacity multiplied by average burn hours.

BURN HOURS AND MONTHLY KWH CONSUMPTION:

Unless otherwise noted, all lamps shall be operated by photoelectric control or by time clocks, with hours of operation from dusk to dawn, 4,200 hours per annum.

The following monthly Kilowatt-hour values shall be used for billing purposes.

Light Type	Bulb Rating (Lumens)	Bulb Rating (Watts)	kWh per Month
Cobra Head	4,000	50	18
Cobra Head	7,000	90	32
Cobra Head	11,500	130	46
Cobra Head	24,000	260	91
Acorn	2,500	50	18
Acorn	5,000	90	32
Colonial	2,500	50	18
Colonial	5,000	90	32

COSTS OF INSTALLATION:

The Company will install LED lighting fixtures on approved existing poles. The customer shall not be required to pay for the cost of the LED fixture or its installation prior to taking service under this experimental program. However, any additional and new lighting equipment installed by the Company at the request of the customer, including but not limited to poles, brackets, secondary, transformation, etc., not provided for herein, shall be the property of the Company and be paid for by the customer prior to the customer taking service under this experimental program.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM**CHANGES IN NUMBER, SIZE, TYPE OR LOCATION:**

Costs associated with activities related to the replacement, relocation, alteration, repair, or removal of existing street lighting equipment are not included as part of normal maintenance and will be the responsibility of the customer. Examples of such activities include, but are not limited to, the replacement of an existing fixture, remaining costs of existing infrastructure, removal or relocation of a lamp, luminaire, bracket, and/or pole, or installation of a luminaire shield.

REMAINING COSTS OF EXISTING INFRASTRUCTURE:

In cases where an existing light is being replaced by an LED light on existing Company owned infrastructure, the customer is responsible for the remaining costs of the existing light, pole and all associated infrastructure prior to installation of the LED light. For each existing light that is being replaced, the remaining costs of the existing infrastructure are to be paid by the customer, in the amount of \$344 per fixture, prior to the customer taking service under this experimental program.

RESPONSIBILITIES FOR OWNERSHIP, MAINTENANCE AND REPLACEMENT:

All lighting components including lamp, refractor, luminaire, ballast, pole, bracket, and other supporting materials shall be owned by the Company. All service and necessary maintenance will be performed only during the regular working hours of the Company. If service and necessary maintenance cannot be performed during regular working hours of the Company, for reasons beyond the Company's control, the incremental costs of performing such work shall be borne by the customer.

RATE:

Monthly charges per customer for all customers served under this schedule shall include Distribution Charges per fixture per month, as shown below.

Distribution Charges:

Light Type	Bulb Rating (Lumens)	Bulb Rating (Watts)	Monthly Charge per Fixture
Cobra Head	4,000	50	\$7.45
Cobra Head	7,000	90	\$9.29
Cobra Head	11,500	130	\$9.86
Cobra Head	24,000	260	\$15.14
Acorn	2,500	50	\$19.41
Acorn	5,000	90	\$20.51
Colonial	2,500	50	\$11.77
Colonial	5,000	90	\$12.92

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM**CUSTOMER CANCELLATION:**

This experimental program will be offered through December 31, 2019, unless cancelled earlier.

Customers may opt off of this lighting program to the Company's Street Lighting Service, Company Owned schedule with 60 days advanced written notice. Customers electing to opt off of the experimental program shall be responsible for all costs associated with removing the LED lights, including the remaining costs of the existing infrastructure that would otherwise be recoverable absent the customer opting off this program. Opting off this program shall not affect or impair the Company's ownership rights of the LED Lights.

OTHER PROVISIONS:

All energy savings associated with customer participation under this experimental program shall count toward The Toledo Edison Company's energy efficiency and peak demand reduction requirements arising as a result of Section 4928.66, Revised Code and associated Ohio Administrative Code provisions.

APPLICABLE RIDERS:

Unless otherwise noted, all rider charges applicable to Rate STL as designated on the Summary Rider, Tariff Sheet 80, shall be added to the Rates and charges set forth above for customers participating under this experimental program.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

AVAILABILITY:

This program is being offered on an experimental basis. Available to municipalities and governmental authorities that elect to take service from The Cleveland Electric Illuminating Company owned light-emitting diode (LED) lights for the lighting of streets, sidewalks, parks, and other public grounds.

This experimental program is only available to customers taking service under this experimental program prior to the effective date of this tariff, to new customers, and to customers currently taking service under the Company Owned program under Street Lighting Service (Rate STL), sheet No. 31.

GENERAL PROVISIONS:

Unless otherwise noted, the terms of sheet No. 30 (Street Lighting Provisions) shall apply.

METERING:

Standard street lighting service shall be unmetered with monthly kilowatt hour consumption determined using rated capacity multiplied by average burn hours.

BURN HOURS AND MONTHLY KWH CONSUMPTION:

Unless otherwise noted, all lamps shall be operated by photoelectric control or by time clocks, with hours of operation from dusk to dawn, 4,200 hours per annum.

The following monthly Kilowatt-hour values shall be used for billing purposes.

Light Type	Bulb Rating (Lumens)	Bulb Rating (Watts)	kWh per Month
Cobra Head	2,400	30	11
Cobra Head	4,000	50	18
Cobra Head	7,000	90	32
Cobra Head	11,500	130	46
Cobra Head	24,000	260	91
Acorn	2,500	50	18
Acorn	5,000	90	32
Colonial	2,500	50	18
Colonial	5,000	90	32

COSTS OF INSTALLATION:

The Company will install LED lighting fixtures on approved existing poles. The customer shall not be required to pay for the cost of the LED fixture or its installation prior to taking service under this experimental program. However, any additional and new lighting equipment installed by the Company at the request of the customer, including but not limited to poles, brackets, secondary, transformation, etc., not provided for herein, shall be the property of the Company and be paid for by the customer prior to the customer taking service under this experimental program.

Filed pursuant to Orders dated November 20, 2014, October 12, 2016 and _____ in Case Nos. 14-1027-EL-ATA, 16-470-EL-ATA, and 19-1108-EL-ATA before

The Public Utilities Commission of Ohio

Issued by: Samuel L. Belcher, President

Effective: [DATE]

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

CHANGES IN NUMBER, SIZE, TYPE OR LOCATION:

Costs associated with activities related to the replacement, relocation, alteration, repair, or removal of existing street lighting equipment are not included as part of normal maintenance and will be the responsibility of the customer. Examples of such activities include, but are not limited to, the replacement of an existing fixture, remaining costs of existing infrastructure, removal or relocation of a lamp, luminaire, bracket, and/or pole, or installation of a luminaire shield.

RESPONSIBILITIES FOR OWNERSHIP, MAINTENANCE AND REPLACEMENT:

All lighting components including lamp, refractor, luminaire, ballast, pole, bracket, and other supporting materials shall be owned by the Company. All service and necessary maintenance will be performed only during the regular working hours of the Company. If service and necessary maintenance cannot be performed during regular working hours of the Company, for reasons beyond the Company's control, the incremental costs of performing such work shall be borne by the customer.

PROGRAM OPTIONS:

Three options are available under this experimental program.

Option 1:

Customer requests replacement of existing non-LED lights with LED lights, or installation of new LED lights. In cases where an existing light is being replaced by an LED light on existing Company owned infrastructure, the customer is responsible for the remaining costs of the existing lighting infrastructure prior to installation of the LED light. For each existing light that is being replaced, the remaining costs of the existing infrastructure are to be paid by the customer, in the amount of \$242 per fixture, prior to the customer taking service under this experimental program.

Option 1 shall apply to customers taking service under this experimental program prior to the effective date of this tariff.

Option 2:

Customer requests replacement of existing non-LED lights with LED lights. Prior to taking service under this option of the experimental program, the customer shall enter into an agreement with the Company and shall be responsible for paying the remaining costs of the existing lighting infrastructure over a 60-month period in the amount of \$5.16 per fixture per month. Upon expiration of the 60-month period, the customer will no longer be responsible for the remaining costs of the existing lighting infrastructure. In the event of termination of service for any reason prior to the expiration of the 60-month period, the customer, prior to termination of service, shall be responsible for paying the amount due under the agreement for the remaining costs of the existing lighting infrastructure and all costs associated with removing the LED lights.

Option 3:

Customer enters into an agreement with the Company that provides for the replacement of non-LED lights with LED lights as the non-LED lights fail.

Filed pursuant to Orders dated November 20, 2014, October 12, 2016 and _____ in Case Nos. 14-1027-EL-ATA, 16-470-EL-ATA, and 19-1108-EL-ATA before

The Public Utilities Commission of Ohio

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

The Company, in its sole discretion, will determine the order in which LED lights will be installed among participating customers. In making this determination, the Company may take into consideration numerous factors, including but not limited to, the number of LED lights to be installed and the customer's chosen option for paying the remaining costs of existing lighting infrastructure. The total number of LED lights installed under Options 1 and 2 combined shall be limited to 25,000 annually, unless otherwise determined by the Company. The Company may require a minimum installation of 12 LED lights per customer for participation in Option 1 and Option 2.

RATE:

Monthly charges per customer for all customers served under this experimental program shall include Distribution Charges per fixture per month, as shown below.

Distribution Charges per Fixture per Month:

Light Type	Bulb Rating (Lumens)	Bulb Rating (Watts)	Monthly Charge per Fixture
Cobra Head	2,400	30	\$7.83
Cobra Head	4,000	50	\$7.97
Cobra Head	7,000	90	\$8.57
Cobra Head	11,500	130	\$10.26
Cobra Head	24,000	260	\$13.50
Acorn	2,500	50	\$20.34
Acorn	5,000	90	\$21.61
Colonial	2,500	50	\$11.10
Colonial	5,000	90	\$16.25

APPLICABLE RIDERS:

Unless otherwise noted, all rider charges applicable to Rate STL as designated on the Summary Rider, Tariff Sheet 80, shall be added to the Rates and charges set forth above for customers participating under this experimental program.

CUSTOMER CANCELLATION:

Customers may opt off of this lighting program to the Company's Street Lighting Service, Company Owned schedule with 60 days advanced written notice. Customers electing to opt off of the experimental program shall be responsible for all costs associated with removing the LED lights, including the remaining costs of the existing infrastructure that would otherwise be recoverable absent the customer opting off this program. Opting off this program shall not affect or impair the Company's ownership rights of the LED Lights.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

OTHER PROVISIONS:

All energy savings associated with customer participation under this experimental program shall count toward The Cleveland Electric Illuminating Company's energy efficiency and peak demand reduction requirements arising as a result of Section 4928.66, Revised Code and associated Ohio Administrative Code provisions.

CONTRACT FOR ADVANCED FUNCTIONALITIES:

Customers qualifying to participate under this experimental program tariff may negotiate a contract for service on an individual basis, upon mutual agreement with the Company. Such contracts shall incorporate all terms and conditions of this tariff and may include additional terms and conditions regarding advanced functionality of the LED lights and associated equipment, including but not limited to, controllers, dimming capabilities, sensors, or other network enabled functions. All costs of these advanced functionalities shall be borne by the customer.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

AVAILABILITY:

This program is being offered on an experimental basis. Available to municipalities and governmental authorities that elect to take service from Ohio Edison Company owned light-emitting diode (LED) lights for the lighting of streets, sidewalks, parks, and other public grounds.

This experimental program is only available to customers taking service under this experimental program prior to the effective date of this tariff, to new customers, and to customers currently taking service under the Company Owned program under Street Lighting Service (Rate STL), sheet No. 31.

GENERAL PROVISIONS:

Unless otherwise noted, the terms of sheet No. 30 (Street Lighting Provisions) shall apply.

METERING:

Standard street lighting service shall be unmetered with monthly kilowatt hour consumption determined using rated capacity multiplied by average burn hours.

BURN HOURS AND MONTHLY KWH CONSUMPTION:

Unless otherwise noted, all lamps shall be operated by photoelectric control or by time clocks, with hours of operation from dusk to dawn, 4,200 hours per annum.

The following monthly Kilowatt-hour values shall be used for billing purposes.

Light Type	Bulb Rating (Lumens)	Bulb Rating (Watts)	kWh per Month
Cobra Head	2,400	30	11
Cobra Head	4,000	50	18
Cobra Head	7,000	90	32
Cobra Head	11,500	130	46
Cobra Head	24,000	260	91
Acorn	2,500	50	18
Acorn	5,000	90	32
Colonial	2,500	50	18
Colonial	5,000	90	32

COSTS OF INSTALLATION:

The Company will install LED lighting fixtures on approved existing poles. The customer shall not be required to pay for the cost of the LED fixture or its installation prior to taking service under this experimental program. However, any additional and new lighting equipment installed by the Company at the request of the customer, including but not limited to poles, brackets, secondary, transformation, etc., not provided for herein, shall be the property of the Company and be paid for by the customer prior to the customer taking service under this experimental program.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

CHANGES IN NUMBER, SIZE, TYPE OR LOCATION:

Costs associated with activities related to the replacement, relocation, alteration, repair, or removal of existing street lighting equipment are not included as part of normal maintenance and will be the responsibility of the customer. Examples of such activities include, but are not limited to, the replacement of an existing fixture, remaining costs of existing infrastructure, removal or relocation of a lamp, luminaire, bracket, and/or pole, or installation of a luminaire shield.

RESPONSIBILITIES FOR OWNERSHIP, MAINTENANCE AND REPLACEMENT:

All lighting components including lamp, refractor, luminaire, ballast, pole, bracket, and other supporting materials shall be owned by the Company. All service and necessary maintenance will be performed only during the regular working hours of the Company. If service and necessary maintenance cannot be performed during regular working hours of the Company, for reasons beyond the Company's control, the incremental costs of performing such work shall be borne by the customer.

PROGRAM OPTIONS:

Three options are available under this experimental program.

Option 1:

Customer requests replacement of existing non-LED lights with LED lights, or installation of new LED lights. In cases where an existing light is being replaced by an LED light on existing Company owned infrastructure, the customer is responsible for the remaining costs of the existing lighting infrastructure prior to installation of the LED light. For each existing light that is being replaced, the remaining costs of the existing infrastructure are to be paid by the customer, in the amount of \$209 per fixture, prior to the customer taking service under this experimental program.

Option 1 shall apply to customers taking service under this experimental program prior to the effective date of this tariff.

Option 2:

Customer requests replacement of existing non-LED lights with LED lights. Prior to taking service under this option of the experimental program, the customer shall enter into an agreement with the Company and shall be responsible for paying the remaining costs of the existing lighting infrastructure over a 60-month period in the amount of \$4.44 per fixture per month. Upon expiration of the 60-month period, the customer will no longer be responsible for the remaining costs of the existing lighting infrastructure. In the event of termination of service for any reason prior to the expiration of the 60-month period, the customer, prior to termination of service, shall be responsible for paying the amount due under the agreement for the remaining costs of the existing lighting infrastructure and all costs associated with removing the LED lights.

Option 3:

Customer enters into an agreement with the Company that provides for the replacement of non-LED lights with LED lights as the non-LED lights fail.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

The Company, in its sole discretion, will determine the order in which LED lights will be installed among participating customers. In making this determination, the Company may take into consideration numerous factors, including but not limited to, the number of LED lights to be installed and the customer's chosen option for paying the remaining costs of existing lighting infrastructure. The total number of LED lights installed under Options 1 and 2 combined shall be limited to 25,000 annually, unless otherwise determined by the Company. The Company may require a minimum installation of 12 LED lights per customer for participation in Option 1 and Option 2.

RATE:

Monthly charges per customer for all customers served under this experimental program shall include Distribution Charges per fixture per month, as shown below.

Distribution Charges per Fixture per Month:

Light Type	Bulb Rating (Lumens)	Bulb Rating (Watts)	Monthly Charge per Fixture
Cobra Head	2,400	30	\$7.37
Cobra Head	4,000	50	\$7.49
Cobra Head	7,000	90	\$7.97
Cobra Head	11,500	130	\$9.33
Cobra Head	24,000	260	\$11.94
Acorn	2,500	50	\$17.44
Acorn	5,000	90	\$18.47
Colonial	2,500	50	\$10.01
Colonial	5,000	90	\$14.15

APPLICABLE RIDERS:

Unless otherwise noted, all rider charges applicable to Rate STL as designated on the Summary Rider, Tariff Sheet 80, shall be added to the Rates and charges set forth above for customers participating under this experimental program.

CUSTOMER CANCELLATION:

Customers may opt off of this lighting program to the Company's Street Lighting Service, Company Owned schedule with 60 days advanced written notice. Customers electing to opt off of the experimental program shall be responsible for all costs associated with removing the LED lights, including the remaining costs of the existing infrastructure that would otherwise be recoverable absent the customer opting off this program. Opting off this program shall not affect or impair the Company's ownership rights of the LED Lights.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

OTHER PROVISIONS:

All energy savings associated with customer participation under this experimental program shall count toward Ohio Edison Company's energy efficiency and peak demand reduction requirements arising as a result of Section 4928.66, Revised Code and associated Ohio Administrative Code provisions.

CONTRACT FOR ADVANCED FUNCTIONALITIES:

Customers qualifying to participate under this experimental program tariff may negotiate a contract for service on an individual basis, upon mutual agreement with the Company. Such contracts shall incorporate all terms and conditions of this tariff and may include additional terms and conditions regarding advanced functionality of the LED lights and associated equipment, including but not limited to, controllers, dimming capabilities, sensors, or other network enabled functions. All costs of these advanced functionalities shall be borne by the customer.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

AVAILABILITY:

This program is being offered on an experimental basis. Available to municipalities and governmental authorities that elect to take service from The Toledo Edison Company owned light-emitting diode (LED) lights for the lighting of streets, sidewalks, parks, and other public grounds.

This experimental program is only available to customers taking service under this experimental program prior to the effective date of this tariff, to new customers, and to customers currently taking service under the Company Owned program under Street Lighting Service (Rate STL), sheet No. 31.

GENERAL PROVISIONS:

Unless otherwise noted, the terms of sheet No. 30 (Street Lighting Provisions) shall apply.

METERING:

Standard street lighting service shall be unmetered with monthly kilowatt hour consumption determined using rated capacity multiplied by average burn hours.

BURN HOURS AND MONTHLY KWH CONSUMPTION:

Unless otherwise noted, all lamps shall be operated by photoelectric control or by time clocks, with hours of operation from dusk to dawn, 4,200 hours per annum.

The following monthly Kilowatt-hour values shall be used for billing purposes.

Light Type	Bulb Rating (Lumens)	Bulb Rating (Watts)	kWh per Month
Cobra Head	2,400	30	11
Cobra Head	4,000	50	18
Cobra Head	7,000	90	32
Cobra Head	11,500	130	46
Cobra Head	24,000	260	91
Acorn	2,500	50	18
Acorn	5,000	90	32
Colonial	2,500	50	18
Colonial	5,000	90	32

COSTS OF INSTALLATION:

The Company will install LED lighting fixtures on approved existing poles. The customer shall not be required to pay for the cost of the LED fixture or its installation prior to taking service under this experimental program. However, any additional and new lighting equipment installed by the Company at the request of the customer, including but not limited to poles, brackets, secondary, transformation, etc., not provided for herein, shall be the property of the Company and be paid for by the customer prior to the customer taking service under this experimental program.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

CHANGES IN NUMBER, SIZE, TYPE OR LOCATION:

Costs associated with activities related to the replacement, relocation, alteration, repair, or removal of existing street lighting equipment are not included as part of normal maintenance and will be the responsibility of the customer. Examples of such activities include, but are not limited to, the replacement of an existing fixture, remaining costs of existing infrastructure, removal or relocation of a lamp, luminaire, bracket, and/or pole, or installation of a luminaire shield.

RESPONSIBILITIES FOR OWNERSHIP, MAINTENANCE AND REPLACEMENT:

All lighting components including lamp, refractor, luminaire, ballast, pole, bracket, and other supporting materials shall be owned by the Company. All service and necessary maintenance will be performed only during the regular working hours of the Company. If service and necessary maintenance cannot be performed during regular working hours of the Company, for reasons beyond the Company's control, the incremental costs of performing such work shall be borne by the customer.

PROGRAM OPTIONS:

Three options are available under this experimental program.

Option 1:

Customer requests replacement of existing non-LED lights with LED lights, or installation of new LED lights. In cases where an existing light is being replaced by an LED light on existing Company owned infrastructure, the customer is responsible for the remaining costs of the existing lighting infrastructure prior to installation of the LED light. For each existing light that is being replaced, the remaining costs of the existing infrastructure are to be paid by the customer, in the amount of \$207 per fixture, prior to the customer taking service under this experimental program.

Option 1 shall apply to customers taking service under this experimental program prior to the effective date of this tariff.

Option 2:

Customer requests replacement of existing non-LED lights with LED lights. Prior to taking service under this option of the experimental program, the customer shall enter into an agreement with the Company and shall be responsible for paying the remaining costs of the existing lighting infrastructure over a 60-month period in the amount of \$4.41 per fixture per month. Upon expiration of the 60-month period, the customer will no longer be responsible for the remaining costs of the existing lighting infrastructure. In the event of termination of service for any reason prior to the expiration of the 60-month period, the customer, prior to termination of service, shall be responsible for paying the amount due under the agreement for the remaining costs of the existing lighting infrastructure and all costs associated with removing the LED lights.

Option 3:

Customer enters into an agreement with the Company that provides for the replacement of non-LED lights with LED lights as the non-LED lights fail.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

The Company, in its sole discretion, will determine the order in which LED lights will be installed among participating customers. In making this determination, the Company may take into consideration numerous factors, including but not limited to, the number of LED lights to be installed and the customer's chosen option for paying the remaining costs of existing lighting infrastructure. The total number of LED lights installed under Options 1 and 2 combined shall be limited to 12,000 annually, unless otherwise determined by the Company. The Company may require a minimum installation of 12 LED lights per customer for participation in Option 1 and Option 2.

RATE:

Monthly charges per customer for all customers served under this experimental program shall include Distribution Charges per fixture per month, as shown below.

Distribution Charges per Fixture per Month:

Light Type	Bulb Rating (Lumens)	Bulb Rating (Watts)	Monthly Charge per Fixture
Cobra Head	2,400	30	\$8.32
Cobra Head	4,000	50	\$8.47
Cobra Head	7,000	90	\$9.08
Cobra Head	11,500	130	\$10.77
Cobra Head	24,000	260	\$14.05
Acorn	2,500	50	\$20.93
Acorn	5,000	90	\$22.21
Colonial	2,500	50	\$11.62
Colonial	5,000	90	\$16.81

APPLICABLE RIDERS:

Unless otherwise noted, all rider charges applicable to Rate STL as designated on the Summary Rider, Tariff Sheet 80, shall be added to the Rates and charges set forth above for customers participating under this experimental program.

CUSTOMER CANCELLATION:

Customers may opt off of this lighting program to the Company's Street Lighting Service, Company Owned schedule with 60 days advanced written notice. Customers electing to opt off of the experimental program shall be responsible for all costs associated with removing the LED lights, including the remaining costs of the existing infrastructure that would otherwise be recoverable absent the customer opting off this program. Opting off this program shall not affect or impair the Company's ownership rights of the LED Lights.

EXPERIMENTAL COMPANY OWNED LED LIGHTING PROGRAM

OTHER PROVISIONS:

All energy savings associated with customer participation under this experimental program shall count toward The Toledo Edison Company's energy efficiency and peak demand reduction requirements arising as a result of Section 4928.66, Revised Code and associated Ohio Administrative Code provisions.

CONTRACT FOR ADVANCED FUNCTIONALITIES:

Customers qualifying to participate under this experimental program tariff may negotiate a contract for service on an individual basis, upon mutual agreement with the Company. Such contracts shall incorporate all terms and conditions of this tariff and may include additional terms and conditions regarding advanced functionality of the LED lights and associated equipment, including but not limited to, controllers, dimming capabilities, sensors, or other network enabled functions. All costs of these advanced functionalities shall be borne by the customer.

Description of Service

The Applicants' current Experimental Company Owned LED Lighting Program, introduced as a new service offering in 2014 in Case No. 14-1027-EL-ATA and continued in Case No. 16-470-EL-ATA, expires December 31, 2019. The Applicants propose to extend the tariff available to municipalities and governmental authorities that elect to take service from Company owned LED lights for the lighting of streets, sidewalks, parks, and other public grounds. Updates to the tariff have been made including pricing updates, expanded options for customers, and availability of contracts for advanced functionalities.

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Case No(s). 19-1108-EL-ATA

Summary: Application for Modification of a Tariff Change electronically filed by Karen A Sweeney on behalf of The Cleveland Electric Illuminating Company and Ohio Edison Company and The Toledo Edison Company and Endris, Robert M Mr.