### BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

#### THE DAYTON POWER AND LIGHT COMPANY

CASE NO. 15-1830-EL-AIR CASE NO. 15-1831-EL-AAM CASE NO. 15-1832-EL-ATA

#### 2015 DISTRIBUTION BASE RATE CASE

BOOK II – SCHEDULES VOLUME 2 OF 4

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#### **Dayton Power and Light Company**

#### DP&L Case No. 15-1830-EL-AIR

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### DOCKETING DIVISION Public Utilities Commission of Ohio

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OAC 4901-7 Appendix A, Chapter II, (B) Supplemental Filing Requirements						
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1	1	Appendix A, Chapter II, (B)(2)(a)-(c) Appendix A, Chapter II, (B)(3)(a)-(d)	S-2	Most recent 5 year financial forecast and support for the underlying assumptions.		
1	1	Appendix A ,Chapter II, (8)(7)	S-3	A proposed notice for newspaper publication.		
1	1	Appendix A, Chapter II, (B)(8)	S-4.1	An executive summary of applicant utility's corporate process.		
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1	3	Appendix A, Chapter II, (C)(1)	Supplemental	The most recent Federal Energy Regulatory Commission's ("FERC") audit report.		
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1	14	Appendix A, Chapter II, (C)(22)	Supplemental	Test year and two most recent calendar years' employee levels by month.		

#### **Dayton Power and Light Company**

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#### **SCHEDULE E-1**

**Clean Copy of Proposed Tariff Schedules** 

The Dayton Power and Light Company

### P.U.C.O. No. 18

This Schedule cancels and supersedes all preceding Schedules

#### THE DAYTON POWER AND LIGHT COMPANY

# ELECTRIC DISTRIBUTION SERVICE

SCHEDULE OF RATES, CLASSIFICATIONS, RULES AND REGULATIONS

SCHEDULE E Page 2 of 1:

THE DAYTON POWER AND LIGHT COMPANY MacGregor Park 1065 Woodman Drive Dayton, Ohio 45432

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS APPLICATION AND CONTRACT FOR SERVICE

#### A. Application for Service

Anyone desiring electric service may apply in writing to the Company on printed forms supplied by the Company for that purpose. A person may make an oral application for service. An oral applicant must 1) specify the place or location where service(s) are desired; 2) agree to comply with all the terms, rules and regulations of the Company covering such service(s); and 3) agree to pay the applicable prices charged by the Company for the service(s) desired.

All applications for service(s) must be accepted on behalf of the Company by an officer or duly authorized agent before service(s) can be provided. Upon acceptance of the application by the Company, the application becomes a contract between the Customer and the Company. The Company will not serve and may stop serving any Customer who does not complete an application for service, or who refuses to accept service or to continue service in accordance with the Tariff Sheets and the Electric Distribution Service Rules and Regulations of the Company filed with The Public Utilities Commission of Ohio.

If existing Company facilities cannot supply the electric service requested by the Applicant, the Company may defer approval of service until adequate facilities can be provided.

#### B. Application Required for Each Location

A person desiring electric service must make an application for each location, residence, place of business or premise where the person desires electric service(s). The Company will not serve more than one location, residence, place of business, or premise under a single application or contract for service.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS APPLICATION AND CONTRACT FOR SERVICE

#### C. Available Service Options

Anyone completing an application for service must elect to receive Electric Distribution Service appropriate to the Voltage Level of Service requirements, Service Type and the applicability of specific Tariff Sheets by choosing one of the following:

Type	Distribution
	Tariff Sheet No.
Residential	D17
Residential Heating	D18
Secondary	D19
Primary	D20
Primary-Substation	D21
High Voltage	D22
Private Outdoor Lighting	D23
Street Lighting	D25

Any Customer who does not select from the above Service Options, or, for any circumstances where the Customer's service election is in doubt or dispute, the Customer will be served with the appropriate Tariff Sheet, as determined by the Company, including all necessary riders.

#### D. Service Contract Is Not Transferable

The contract between the Customer and the Company covering electric service is not transferable to any other person by the Customer. No agent or employee of the Company has the authority to consent in writing, or otherwise, to such a transfer. Notwithstanding the above, final bills and uncollectible accounts may be transferred to a new account of the same type of electric service.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS APPLICATION AND CONTRACT FOR SERVICE

#### E. Agents Cannot Modify Contract

No agent or employee of the Company has the right to amend, modify, or alter the application or contract, or the rates, terms, conditions, rules or regulations filed with The Public Utilities Commission of Ohio. The conduct of any agent or employee of the Company shall not waive requirements of or otherwise stop the Company from enforcing the rates, terms, conditions, rules or regulations of the Company filed with the Public Utilities Commission of Ohio.

#### F. Service to a New Tenant or Owner

The Company shall not delay or deny service to a new tenant or owner who has properly applied for service and has satisfied all requirements for service, because of non-payment of a final bill by a former tenant or a former owner. A Customer may request an actual meter reading at the beginning of service.

#### G. Suspension of Service Agreement Because of Casualty

If a fire or other casualty renders a Customer's premises unfit to receive electric service, the contract shall be suspended until such time as the premises are reconstructed so that electric service can be safely re-established in accordance with this Schedule and the Electric Distribution Rules and Regulations filed with the Public Utilities Commission of Ohio.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS CREDIT REQUIREMENTS OF CUSTOMER

#### A. Deposits and Guarantee

The Company shall have the right upon reasonable notice to require the Applicant or Customer to make a reasonable deposit or to provide a reasonable guarantee from a credit worthy person to secure payment of its bills for electric service. The Company's request for a deposit or guarantee shall conform with the laws of the State of Ohio.

The Company will pay interest to the Customer at the rate of three percent (3%) per annum or in accordance with statutory requirements all cash deposits provided by the Customer if the cash remains on deposit for six (6) consecutive months. Interest shall cease to accrue as of the date the Company notifies, or attempts to notify, by mail or otherwise, the Customer that the cash deposit is no longer required.

Deposits plus any accrued interest less any unpaid charges will be returned to the Customer upon termination of the service or when no longer reasonably required as determined by the Company. All unclaimed deposits will be disposed of in accordance with the laws of the State of Ohio.

The Company's policies concerning credit shall conform to Section 4901:1-17-03, Ohio Administrative Code.

Upon request, the Company will provide the Applicant or Customer with 1) their credit history with the Company; and 2) a copy of Section 4901:1-10-14, Ohio Administrative Code, the PUCO's website, and the TDD/TTY number of the PUCO's public interest center.

#### B. Service May Be Denied Persons In Debt To The Company

The Company may refuse to serve or continue to serve anyone in accordance to applicable laws of the State of Ohio who is in debt to the Company for failure to timely pay for service in accordance with an applicable contract or Tariff Sheet and who has not made and kept an arrangement satisfactory to the Company for the timely payment of the debt.

The Company may terminate Distribution Service to a Customer for that Customer's failure to pay regulated charges.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS BILLING AND PAYMENT FOR ELECTRIC SERVICE

#### A. Measurement of Electricity

Electric energy supplied to the Customer shall be measured by meters or metering equipment suitable for the purpose, and shall be supplied, installed and maintained by the Company. The meter readings shall be prima facie evidence of the amount of electricity supplied.

Meters or metering equipment shall be considered accurate if they comply with O.A.C. § 4901:1-10-05. Whenever a meter or metering equipment is found to be inaccurate, it or they shall be restored to accuracy or shall be replaced by the Company with an accurate meter or metering equipment without expense to the Customer.

The Company will, upon request of the Customer, test any meter suspected of not registering properly within thirty (30) business days after the date of the request. If the Customer desires, the meter test will be performed in his presence with a tested and sealed meter-prover or at the Company's premises. All tested meters found registering correctly will be resealed and the date of testing will be stamped on the meter. If the meter is tested at the Company's premises or at the customer premises, the Company will not charge the Customer for the first meter test. The Customer will be notified of the potential charge for such a test if a subsequent request for a meter test is received within thirty-six (36) months of the original meter test. If the meter is tested within 36 months of the preceding test and is found to be registering correctly, the Customer shall pay the Electric Meter Testing Charge contained on Miscellaneous Service Charges Tariff Sheet No. D26 of this Schedule. A written explanation of the test results shall be provided to the Customer within ten (10) business days of the completed test.

#### B. Billing and Meter Reading

#### 1. Meter Reading

DP&L shall obtain actual readings of its in-service customer meters at least once each calendar year. Every billing period, DP&L shall make reasonable efforts to obtain actual reading of its in-service customer meters. The Company may require that meters and metering equipment be read on a weekly, biweekly, or other periodic basis as is necessary or desirable. The Company may, on its own initiative or at the Customer's request, make other arrangements with the Customer to read the Customer's meter or metering equipment.

#### 2. Billing Period

Under normal conditions, bills for electric service will be rendered monthly. Bills may be rendered at other regular intervals if requested by the customer and agreed to by the Company. In all cases, bills for electric service will be computed on a monthly basis in

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS BILLING AND PAYMENT FOR ELECTRIC SERVICE

accordance with the applicable prices for such service with due allowance and adjustments being made for meter readings obtained and adjusted to a monthly basis.

#### 3. Failure To Receive a Bill

Non-receipt of a bill does not relieve the Customer of responsibility for payment and the Company shall not be obligated to extend the due date for such a bill when the Company records show the correct mailing name and address and a reasonable attempt was made to bill the Customer in a timely manner.

#### 4. Budget Billing Plan

The Company will make available to any Customer within a class of Customers, any plan that is available to such class of Customers that provides for uniform monthly payments for electric service over a specific period of time.

#### 5. Summary Billing

Nonresidential customers who are receiving service under DP&L's Standard Offer Service with multiple service locations served under common ownership may elect to have a single bill, which summarizes the charges due for each individual service location, sent to one central location.

#### 6. Third Party Billing

The Company will make billing services available to Alternate Generation Suppliers (AGS). In the event a customer receives service under Competitive Retail Generation Service Tariff Sheet No. G9, and such AGS arranges to have the Company bill for its services, the total amount of the bill is due and payable to the Company. The Company will arrange with the AGS regarding the terms and conditions of such billing agreement.

#### 7. Estimated Bills

In the event the Company's meter or metering equipment fails to properly register the electricity supplied during any month or other period of time, or the Company's employee is unable to actually read the meter at the time of the meter's monthly scheduled reading, the Company will estimate the number of kilowatt-hours or the kilowatt-hours and the maximum demand of the electricity supplied during such period, having due regard for the use which the Customer made of the electricity supplied to him during such period and any other information and data permitting a reasonable conclusion as to the kilowatt-hours and maximum demand of electricity supplied but not measured or inaccurately measured, and the Customer will be billed or credited by the Company accordingly. The Customer may, if he wishes, object to the estimated bill and present any information or data within his

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS BILLING AND PAYMENT FOR ELECTRIC SERVICE

knowledge in support of the objection, but if no objection is made to the Company within fifteen (15) days from the date of rendition of such estimated bill, then it shall become an account stated and be due and payable within the time provided and as stated on such bill. If the Customer's account has been underestimated, the Company shall arrange a reasonable schedule of payments if requested by the Customer. The Company's decision on any objection to an estimated bill shall be final and binding on the Customer, subject to any appropriate review by the Public Utilities Commission of Ohio.

The Company shall continue to furnish service to the Customer and the Customer shall continue to pay the amounts billed pending the determination of proper adjustments. When a meter reading is not obtained at a regular reading date, the Customer's consumption for the period shall be estimated and billed. In the event that any discrepancy is found to exist in the estimated billing for the period, the billing for the next period shall be adjusted to correct the discrepancy.

The duly authorized agents of the Company, upon providing satisfactory proof of identification to the Customer, shall have the right and privilege to enter the Customer's premises at all reasonable times for the purpose of reading meters.

If a period of six (6) consecutive months elapses without the Company obtaining a meter reading, the Company will notify the Customer by mail to make arrangements to obtain a meter reading. If a meter reading is not obtained for twelve (12) consecutive months, the Company will personally contact the Customer to make arrangements to obtain a meter reading. If the customer fails to make arrangements for the Company to either obtain a meter reading or install a remote meter, the Company may discontinue service with notice to the Customer as provided in these Distribution Rules and Regulations. The Customer may pay for any installation of remote metering either upon the installation or the Company will add the charge to the Customer's next monthly bill.

#### 8. Choice of Service Option

Copies of this Schedule including all available Service Options are available at the Company's business offices and are open to public inspection during business hours. Where the Customer meets the requirements of more than one Service Option, the Customer shall select the Tariff Sheet upon which his application or contract for service shall be based. The Company, at the request of the Customer, will make a reasonable effort to determine the most favorable rate for any Customer who qualifies for more than one rate schedule. However, the Company does not and cannot guarantee that the Customer will be served under the least expensive Service Option at all times, will not be

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responsible for notifying the Customer of potentially less expensive Service Options, and shall not be liable to the Customer for any price difference resulting from the Customer not being served under a less expensive Service Option. The Company's policies concerning disclosure of prices shall conform to Section 4901:1-1-03, Ohio Administrative Code.

#### 9. Meter Readings Not To Be Combined

Where electric service is supplied to a Customer and is delivered and metered through two or more separate delivery and metering facilities, the individual meter readings will not be combined for billing purposes, except as may be otherwise provided by the terms of a Tariff Sheet or other agreement.

#### 10. Termination of Service at Customer's Request

Unless there is a provision to the contrary in the service contract or applicable Tariff Sheet, any Customer who wishes to discontinue electric service because he is vacating the premises, or for any other reason, shall notify the Company at least seventy-two (72) hours prior to the date of the requested service termination. The Customer shall be responsible for all service supplied to the premises until such notice has been received and the Company has had a reasonable time to discontinue service. At the time service is discontinued by the Company, the Company shall read the Customer's meter or estimate usage if agreed to by the Customer pursuant to O.A.C. 4901:1-10-05 (I) and, as soon as practicable thereafter, the Company shall prepare and issue a final bill for all electric service supplied to the premises. Disconnection of service by Customers served under the Distribution Schedule shall not be used to avoid the demand charges of these Tariff Sheets if the Customer is not vacating the premises, terminating business or ceasing to receive electric service. In accordance with 4901:1-18-08 (K) Ohio Administrative Code, if a customer who is a property owner, or the agent thereof, requests disconnection of service when residential tenants reside at the premises, the Company shall provide a ten (10) day notice of the intended disconnection of service by mail to residential tenants or by posting such notice in conspicuous places on the premises. The Company shall inform the property owner of the property owner's liability for all electricity consumed during the ten (10) day notice period.

#### C. Payment

Payment of the total amount due must be received by the Company or an authorized agent by the due date shown on the bill. If any person supplied with electricity neglects or refuses to pay the total undisputed amount due on or prior to the due date, the Company, after giving written notice, may disconnect the service to the premises supplied. For Nonresidential

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Customers such written notice shall inform the Customer that his service is subject to interruption five (5) days from the date such notice was mailed unless contact with the Company and reasonable arrangements for payment, satisfactory to the Company, are made. Residential Customers are subject to disconnection as provided in Section D of Disconnection/Reconnection of Service, Tariff Sheet No. D6 of this Schedule.

The Company will charge and collect, in advance, a Reconnection Charge contained on Miscellaneous Service Charges Tariff Sheet No. D26 of this Schedule, after service has been discontinued because of nonpayment of bill when due.

The Company may terminate Distribution Service to a Customer for that Customer's failure to pay regulated charges.

#### D. Net Metering

The Company will require the Customer-Generator to enter into an Interconnection Agreement with the Company and abide by all terms and conditions described within the Company's Interconnection Service Tariff Sheet D35.

#### 1. Standard Net Metering

Customer-Generators of electricity are eligible to be billed on a "standard net-metering" basis. "Standard net metering" means measuring the difference in an applicable billing period between the electricity supplied by the Company and the electricity generated by a Customer-Generator that is fed back to the Company.

In order to be billed on a net metering basis, a Customer-Generator's facility must meet the following requirements:

- a. use as its fuel either solar, wind, biomass, landfill gas, or hydropower, or use a microturbine (combustion turbine) or a fuel cell;
- b. is located on a Customer-Generator's premises;
- operate in parallel with the electric utility's transmission and distribution facilities;
   and
- d. is intended primarily to offset part or all of the Customer-Generator's requirements for electricity.

Standard net metering shall be accomplished using a single meter capable of registering the amount (flow) of electricity which flowed in each direction during a billing period. If the

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Customer's existing electrical meter is not capable of measuring the flow of electricity in two directions, the Company upon written request from the Customer, shall install at the Customer's expense a meter that is capable of measuring electricity flow in two directions. The Company, at its own expense and with the written consent of the Customer-Generator, may install one or more additional meters to monitor the flow of electricity in each direction.

The measurement of net electricity supplied or generated shall be calculated in the following manner:

The Company shall measure the net electricity produced and/or consumed during the billing period, in accordance with normal metering practices. If the electricity supplied by the Company exceeds the electricity generated by the Customer-Generator and fed back to the Company during the billing period, the Customer-Generator shall be billed for the net electricity supplied by the Company in accordance with normal metering practices. If the Customer-Generator provides more electricity to the Company than the Company provides to the Customer-Generator, only the excess generation component shall be allowed to accumulate as a credit until netted against the Customer-Generator's bill, or until the Customer-Generator requests in writing a refund that amounts to, but is no greater than, an annual true-up of accumulated credits over a 12 month period. Bill charges or credits will be in accordance with the Generation Standard Offer Service Schedule that would apply if the Customer were not a Customer-Generator. DP&L's net metering practices will comply with 4901:1-10-28 of the Ohio Administrative Code.

A standard net metering system used by a Customer-Generator shall meet all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronics Engineers, Underwriters Laboratories. Inc., Rules 4901:1-22 of the Ohio Administrative Code, and any tariffs approved thereunder. The Company shall not require a Customer-Generator whose net metering system meets the above standards and requirements to do any of the following: comply with additional safety or performance standards, perform or pay for additional tests, or purchase additional liability insurance.

2. Hospital Net Metering Consistent with Section 4928.67 of the Ohio Revised Code, Customer Generators that meet the definition of Hospital may be eligible for Hospital Net metering. A "Hospital" includes public health centers and general, mental, chronic disease, and other types of Hospitals, and related facilities, such as laboratories, outpatient departments, nurses' home facilities, extended care facilities, self-care units, and central service facilities operated in connection with Hospitals, and also includes

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education and training facilities for health professions personnel operated as an integral part of a Hospital, but does not include any Hospital furnishing primarily domiciliary care.

A qualifying Hospital Customer Generator is one whose generating facilities are:

- a. Located on a Customer Generator's premises.
- b. Operated in parallel with the Company's transmission and distribution facilities.

Hospital net metering service shall be calculated as follows:

- a. All electricity consumed by the Hospital shall be charged as it would have been if the Hospital were not taking service under this Tariff.
- b. All electricity generated by the Hospital shall be credited at the "market value" as of the time the Hospital generated the electricity. "Market value" for this purpose means the hourly Locational Marginal Price (LMP) of energy in the Dayton Zone determined by the PJM regional transmission organization's operational market at the time the Hospital Customer-Generator electricity is generated.
- c. Each monthly bill shall reflect the net of paragraphs (d) and (e). If the resulting bill indicates a net credit dollar amount, the credit shall be netted against the Hospital Customer Generator's next bill. The Hospital may request in writing a refund that amounts to, but is not greater than any accumulated credits from the previous twelve-month period that have not been credited to the Hospital's monthly bill.

Hospital net metering shall be done using either two meters or a single meter with two registers that are capable of separately measuring the flow of electricity in both directions. One meter or register shall be capable of measuring the electricity generated by the Hospital at the time it is generated. If the Hospital's existing electrical meter is not capable of separately measuring electricity the Hospital generates at the time it is generated, the Company, upon written request from the hospital, shall install at the Hospital's expense a meter that is capable of such measurement.

A net metering system used by a Hospital Customer Generator shall meet all applicable safety and performance standards established in Chapter 4901:1-22 of the Ohio Administrative Code, and the National Electrical Code, the Institute of Electrical and Electronics Engineers, Underwriters Laboratories, and any tariffs approved there under.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS DISCONNECTION/RECONNECTION OF SERVICE

#### A. Discontinuance of Service Because of Fraud, Loss or Damage

In the event the Customer uses any fraudulent practice in obtaining or determining the amount of electric service for which the Customer must pay, or is the beneficiary of any such fraudulent practice, or the Company's meter, metering equipment, or other property used to supply the service has been damaged or tampered with by the Customer, his agents, employees or any person acting in concert with him to avoid paying for all or part of the electric service provided to the Customer or otherwise, the Company shall have the authority to disconnect the service provided in accordance with the procedures set forth herein.

Service will not be restored until the Customer has given satisfactory assurance that such fraudulent or damaging practice will be discontinued, and has paid to the Company an amount estimated by the Company to be reasonable compensation for service fraudulently obtained and not paid for and for any damage to property of the Company including any cost to repair the damage and including a Reconnection Charge and other costs as contained on Miscellaneous Service Charges Tariff Sheet No. D26 of this Schedule.

The procedures applicable to the Company's resolution of claims of fraudulent or damaging practices are:

- 1. No Investigation Charge shall be assessed against any Customer, and no Customer shall have his service disconnected as a result of any fraudulent or damaging practice except in accordance with the procedure set forth in paragraphs 2 through 6 of this section.
- 2. At least three (3) business days prior to assessing an Investigation Charge against any Customer, the Company shall deliver to the Customer's address a written notification of the fact that the Company suspects the Customer of having engaged in a fraudulent or damaging practice. If the Customer is not at home, the Company shall deliver the notice to any adult who is present at the residence. If, to the Company's belief, no adult is present, the Company shall either deliver the notice to any person at the residence or firmly affix the notice to a prominent spot on the outside of the residence.
- 3. The written notification referred to in paragraph 2 of this section shall contain, at a minimum, the following information:
  - a. That a fraudulent or damaging practice is suspected of the Customer;

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- b. The basis for the Company's suspicion;
- c. The fact that the Customer has the right to contest the Company's allegations in accordance with the procedures set forth in paragraph 4;
- d. The fact that, should disconnection of service occur, the Customer's service will not be reconnected until the Customer:
  - 1) Pays or makes arrangements which are satisfactory to the Company to pay:
    - a) An amount reasonably estimated by the Company to be reasonable compensation for any electricity fraudulently obtained and not paid for; and
    - b) The Company's reconnection charge; and
    - c) The actual cost of repair or replacement of the Company's damaged equipment, if any; and
  - 2) Makes arrangements to pay the Investigation Charge as contained on Miscellaneous Service Charges Tariff Sheet No. D26 of this Schedule.
- e. One of the following statements, as appropriate:
  - 1) If you do not avail yourself of the opportunity to meet with the Company or contest the allegations in the next three (3) business days, or if you are unable to provide a satisfactory explanation for the circumstances discovered by the Company, your service may be disconnected; or
  - 2) Your service has been disconnected because continuation of service would create a risk of injury to persons or damage to property; or
  - 3) Your service has been disconnected because, following an earlier disconnection, it was reconnected by someone acting without the Company's authority; or
  - 4) Your service has been disconnected because your service has been tampered with or otherwise physically altered to prohibit the correct metering of service.
- 4. After three (3) business days from the receipt of the written notification referred to in paragraph 2 of this section, the Company shall have the right to disconnect the Service

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unless the Customer contacts the Company and requests a meeting with a representative of the Company in accordance with the procedures in subparagraph a.

- a. At the meeting between the Company representative and the Customer, the Customer shall have the opportunity to demonstrate why the allegation of fraudulent or damaging practice is unfounded, including, but not limited to:
  - 1) The opportunity to make a written statement;
  - 2) The opportunity to present documents;
  - 3) The opportunity to be accompanied by persons with knowledge of relevant facts; and
  - 4) The opportunity to be given a full explanation of the evidence which led the Company to suspect the Customer of fraudulent or damaging behavior.
  - 5) At the meeting between the Customer and the Company representative the Customer will be informed he may contact the Public Utilities Commission of Ohio, with the address and toll-free number of the Commission's Public Interest Center as supplied by the Company.
- b. If at the end of the meeting between the Company representative and the Customer, or sometime subsequent thereto, the Company concludes that the Customer has committed fraud or theft, the Company may terminate service to the Customer. However, the Company may not take such action prior to the expiration of two (2) business days after notifying the Customer of the Company's conclusion and proposed action.
- 5. No Customer shall have service disconnected due to any fraudulent or damaging practice, prior to having the opportunity to contest the Company's suspicions as described in paragraph 4 of this section, except in the following circumstances:
  - a. Where the Company determines that continuation of service would create a risk of injury to persons or damage to property.

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- b. Where the Customer has not contacted a Company representative within three business days after being notified in writing of the allegation of fraud and/or theft.
- c. Where service which had been previously disconnected has been reconnected by someone not authorized by the Company.
- d. Where the service had been tampered with or physically altered to prohibit correct metering of service.
- The Company shall also levy an Investigation Fee against a Customer responsible for any
  fraudulent or damaging practice as contained on Miscellaneous Service Charges Tariff
  Sheet No. D26 of this Schedule.

The Investigation Fee will only be levied in those circumstances where the Company has reasonable proof of the Customer's fraudulent or damaging practice. Reasonable proof is defined as either an admission by the Customer; or documentation evidencing the fraudulent or damaging practice; or personal observation by Company personnel.

B. Discontinuance of Service Due To Danger

The authorized agents of the Company shall have free access at reasonable times to the premises in which electricity is used to determine whether the electricity is being distributed and used in a safe manner and in accordance with the Company's Electric Distribution Service Rules and Regulations.

The Company's authorized agent will, upon request, show his Company identification and state the reasons for requiring access.

The Company reserves the right to discontinue electric service without advance notice to any Customer where a dangerous condition is discovered to exist on the Customer's premises or where, because of conditions beyond the Customer's premises, such discontinuance of electric service is reasonably necessary. Service will not be restored until the dangerous condition or conditions have been corrected.

C. Disconnection-Reconnection of Service at Customer's Request

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS DISCONNECTION/RECONNECTION OF SERVICE

When a Customer has previously requested a disconnect and desires to be reconnected at the same address, the Company will charge and the Customer will pay a Reconnection Charge as contained on Miscellaneous Service Charges Tariff Sheet No. D26 of this Schedule.

D. Rules, Regulations, and Practices Governing the Disconnection of Electric Service to Residential Customers

All disconnection and reconnection of service, payment plans, and security deposits involving Residential Customers, shall be governed by the rules, regulations, and practices as set forth in Chapters 4901: 1-10-14 and 4901:1-18 of the Ohio Administrative Code as each is from time to time amended and which are incorporated by reference into the Company's Electric Distribution Service Rules and Regulations.

Notice of disconnection to tenants and landlords shall be governed by the rules, regulations and practices as set forth in Chapter 4901:1-18-08 of the Ohio Administrative Code.

The Company shall make available for public inspection current copies of Chapters 4901:1-10 and 4901:1-18 of the Ohio Administrative Code in each of the Company's offices where it is required to have copies of its tariffs available to the public.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS METERS AND METERING EQUIPMENT – LOCATION AND INSTALLATION

#### A. Location

- 1. Each Customer will provide without charge to the Company a suitable location for the meters and metering equipment to be installed by the Company. The Company will have the right to determine where its meters and metering equipment will be located on the Customer's premises. The meters and metering equipment must be located to allow reasonable access by the Company's employees or agents. The meters and metering equipment will not be set nor allowed in a place where there is a likelihood of damage. If the Company requires a relocation of its meters and metering equipment to satisfy the conditions contained in this provision, the Customer shall provide for such relocation at its expense.
- 2. Any additional metering desired by the Customer, whether for customer use or use by another service provider, will be installed in addition to and separate from the Company's required metering. In order to ensure the safety of the Customer, the Company and third parties, any metering equipment not belonging to the Company will be installed at the Customer's expense as separate, distinct and after the Company's metering equipment. The Company is not responsible for any injuries to person(s) or property arising from, caused by, or incident to the failure on the part of the Customer to properly install, operate or maintain the Customer's metering equipment, or for any defects therein. Any metering at the Customer's location, that is in addition to the Company's metering, will in no circumstance be used in the billing of Company services.
- 3. Any Customer or its AGS that desires an hourly meter may choose to have the Company install such equipment or may otherwise provide for hourly metering at the Customer's or its AGS's expense. If the meter is not installed by the Company, the meter must meet the qualifications of and be approved by the Company prior to installation. Should the Customer change service locations, the Customer may be entitled to a credit at the new service location for equipment installed at previous service location.

#### B. Installation

1. The Company will install no more than one meter or one unified set of meters and metering equipment for one class of service for each Customer, at one delivery point as required to provide the contracted customer services. The meters and metering equipment

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS METERS AND METERING EQUIPMENT – LOCATION AND INSTALLATION

furnished and installed by the Company will at all times remain the property of the Company. Former Power Rate P-1 Customers who were also served under the General Service Rate may retain presently installed multiple metering at the same premises, provided however, that such metering shall not be combined for billing purposes.

- 2. All locations provided for meters and metering equipment installations will be subject to the approval of the Company and will conform to the National Electrical Safety Code, any other codes and regulations in effect in the area served and the standards contained in the latest revision of the Company's electric booklet entitled "Service Handbook", copies of which are available at any of the Company's offices and on the Company's website.
- 3. All meter and metering equipment installations will be sealed by the Company. Unless otherwise provided herein, if the Customer breaks the Company's seals, the Company may discontinue service to the Customer.
- 4. The type of meter and metering equipment installation will be determined by the size and character of the Customer's load, its location, and the type of service to be rendered. These meters and metering equipment will be determined by the Company as required to provide for contracted services.
- 5. DP&L will provide a Customer or its AGS with access to meter information at no charge. The Customer or its AGS must reimburse DP&L for the costs of installing such information gathering equipment. If DP&L is requested to process the information then it will charge its costs therefor.

#### C. Advanced Meter Opt Out Service

Residential customers may choose to opt out of the installation of an advanced meter capable of two way communication and retain a traditional meter. The Advanced Meter Opt Out Service ("Opt Out Service") will include provisions for residential customers who are to have an advanced meter installed and those who already have an advanced meter and wish to have it removed.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS METERS AND METERING EQUIPMENT – LOCATION AND INSTALLATION

- 1. Residential customers that elect to receive Opt Out Service under this tariff shall be assessed a monthly charge for obtaining actual meter readings. The Opt Out Service will be subject to Section 4901:1-10-05(I)(1), Ohio Administrative Code.
- 2. Residential customers that already have an advanced meter installed and wish to take Opt Out Service, will be billed a one-time charge for the installation of a traditional meter in addition to the monthly charge for manual meter readings.
- 3. All charges assessed for the Opt Out Service are subject to approval by the Public Utilities Commission of Ohio.

The Company may refuse to provide Opt Out Service in either of the following circumstances:

- 1. If such a service creates a safety hazard to consumers or their premises, the public, or the electric utility's personnel or facilities.
- 2. If a customer does not allow the electric utility's employees or agents access to the meter at the customer's premises.

The charge to remove an advanced meter for this service and install a traditional, non-communicating, meter is \$0. In addition, Opt-out customers will receive a monthly customer charge of \$0.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS SERVICE FACILITIES LOCATION AND INSTALLATION

#### A. Location

The Company reserves the right to designate the location at which its supply conductors will be brought and attached to the Customer's building or structure. Upon request, the Company shall consult with the Customer or the Customer's representative in order to accommodate the reasonable requests of the Customer and to designate the location where such supply conductors will be attached.

#### B. Point of Delivery

The point of delivery of electric service provided by the Company, unless otherwise specified by special contract or by specific Tariff Sheets in this Schedule, shall be at the point of connection of the Company's supply lines or equipment and the service entrance wires of the Customer, or the point where the electricity supplied by the Company enters the facilities (conductors) of the Customer. These points are described in detail in the latest revision of the Company's electric booklet entitled "Service Handbook", copies of which are available at any of the Company's offices or on the Company's website.

#### C. Installation

- 1. The Company will furnish and install all necessary supply conductors. The supply conductors will be terminated at the location where the connection is made to the Customer's wiring. The Company will furnish the standard attachment brackets or fittings to be installed by the Customer.
- 2. Customer's service entrances and service equipment installations will be subject to the National Electrical Code, any other codes and regulations in effect in the area served and the standards contained in the latest revision of the Company's electric booklet entitled "Service Handbook", copies of which are available at any of the Company's offices or on the Company's website.
- 3. The Company will make the final connection to energize the Customer's service. The Customer may not make any unauthorized connection which energizes his service.

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- 4. The Company reserves the right to install the service facilities which, in its judgment, are adequate to supply the Customer's active load.
- 5. If the Customer's premises are adjacent to the Company's underground downtown Dayton electric distribution system, the Company will furnish and install the necessary supply conductors as provided in the latest revision of the Company's electric booklet entitled "Service Handbook", copies of which are available at any of the Company's offices or on the Company's website.
- 6. The Company's policies relating to the extension of electric facilities are set forth on Extension of Electric Facilities Tariff Sheet No. D12 of this Schedule.

#### D. Changes

- 1. If the Company initiates changes in the location of its distribution facilities, the Company will change the location of the supply conductors to all affected building(s) at its expense. The Company may extend the supply conductors to the existing terminus at the Customer's service entrance wiring. Where such extensions of the supply conductors are not practicable, the Company may reconstruct the Customer's service entrance wiring at its expense to allow for the new attachment of the supply conductors.
- 2. For any reason other than that described in Paragraph (1), all expense incident to relocating the Customer's service entrance wiring shall be paid by the Customer. The Customer shall consult the Company, and the Company shall advise the Customer of the new point of delivery and the point at which the Company's supply conductors will be connected to the Customer's premises.
- 3. Where one or more Customers request the Company to change or relocate its facilities, either temporarily or permanently, the Company will change or relocate all electric facilities agreed upon by the Company and the Customer(s) and perform such other work as may be required to effect such change or relocation. The Company will provide the Customer(s) with the estimated cost of the work to be done by the Company pursuant to this paragraph. The total cost to the Company of all changes and relocations will be paid by such Customer(s) requesting the changes and relocations prior to the commencement of work by the Company. The charge will be based on the total cost of removing existing

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facilities, installing facilities at the new location, plus other costs incurred by the Company including increased tax liabilities.

If the Company performs detailed engineering on a change or relocation of its facilities, the Company may assess a deposit on the Customer(s) before beginning the engineering work. If the Customer(s) withdraws the request prior to the commencement of construction, the Customer(s) must pay the Company for the cost of preparing the estimated cost of work made by the Company. The Deposit will be used to offset any remaining balance due as a result of the withdrawal prior to the commencement of construction. The Company may make suitable arrangements with the Customer for payment of all costs assessed hereunder before the change or relocation is made.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EOUIPMENT ON CUSTOMER'S PREMISES

#### A. Responsibility After Electricity Is Delivered

The Customer shall provide, install, operate and maintain his service entrance wiring and all other wiring, appliances, and devices necessary to receive the service supplied from and after the point of delivery, except equipment necessary for metering purposes and other devices owned and maintained by the Company. The Customer shall also provide, install, operate and maintain all appliances and devices necessary to use the service provided. THE COMPANY IS NOT RESPONSIBLE FOR ANY INJURIES TO PERSON OR PROPERTY ARISING FROM, CAUSED BY, OR INCIDENT TO THE FAILURE ON THE PART OF THE CUSTOMER TO PROPERLY INSTALL, OPERATE OR MAINTAIN ANY WIRING, APPLIANCES OR DEVICES AFTER THE POINT OF DELIVERY, OR FOR ANY DEFECTS THEREIN.

#### B. Access to Premises

The duly authorized agents of the Company shall have the right and privilege to enter the Customer's premises at all reasonable times for the purpose of reading meters, installing, testing, inspecting, repairing and removing any or all of the Customer's or Company's equipment used in connection with the supply of electric service.

#### C. Company Not Responsible For Customer's Apparatus

THE CUSTOMER SHALL BE SOLELY RESPONSIBLE FOR THE ADEQUACY, SAFETY, OPERATION OR OTHER CHARACTERISTICS OF ANY EQUIPMENT, WIRES, GROUNDS, APPLIANCES OR DEVICES OWNED, LEASED, USED OR MAINTAINED BY THE CUSTOMER ON THE CUSTOMER'S SIDE OF THE DELIVERY POINT. ANY INSPECTIONS BY THE COMPANY WHICH THE COMPANY MAY MAKE UPON ITS OWN INITIATIVE SOLELY FOR ITS OWN BENEFIT AND INFORMATION, RENDERING OF EMERGENCY OR ADVISORY SERVICE BY THE COMPANY UPON REQUEST BY THE CUSTOMER, OR ACCESS OBTAINED BY THE COMPANY TO CUSTOMER'S PREMISES FOR THE PURPOSE OF READING METERS, DOES NOT CREATE OR GIVE RISE TO ANY WARRANTY, EXPRESSED OR IMPLIED BY THE COMPANY TO THE CUSTOMER, OR CREATE ANY RESPONSIBILITY ON THE PART OF THE COMPANY FOR THE ADEQUACY, SAFETY, OPERATION, OR

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EQUIPMENT ON CUSTOMER'S PREMISES

OTHER CHARACTERISTICS OF ANY EQUIPMENT, WIRES, GROUNDS, APPLIANCES, OR DEVICES OWNED, LEASED, USED OR MAINTAINED BY THE CUSTOMER.

D. Wiring, Appliances, and Devices Shall Conform to Codes

Customer's wiring, appliances and devices connected directly or indirectly to the Company's service facilities shall be installed in accordance with and conform to the provisions of applicable Federal, State, County and Municipal Codes and/or the provisions of the National Electrical Code in effect at the time of installation, and shall at all times comply with these Distribution Service Rules and Regulations and the standards contained in the Company's electric booklet entitled "Service Handbook", in effect at the time of the installation. Upon request by the Company, the Customer shall provide satisfactory evidence to the Company of compliance with the provisions described above, and the Company shall refuse to serve any new installation not meeting these requirements.

- E. Accommodation and Protection of Company Equipment
  - 1. When Company facilities are installed on the Customer's premises, the Customer shall furnish, without cost to the Company, and in accordance with the Company's specifications, such vaults, conduits and enclosures (including foundation pads and fencing) as may be necessary to permit such installation.
  - 2. The Customer shall furnish, without cost to the Company, all necessary rights of way and easements for the location of Company facilities on the Customer's premises and to adjacent properties if necessary. The Company may use such facilities to furnish electric service to Customers located adjacent to and beyond Customer's premises and may construct extensions from the facilities installed on the Customer's premises.
  - All equipment furnished by the Company on the Customer's premises, unless otherwise
    provided, shall remain the Company's property and shall be properly protected by the
    Customer.

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- 4. The Customer may not attach an antenna or any other devices to the Company's lines, poles, cross arms, structures, or other facilities without the prior written consent of the Company.
- 5. The Company shall take all measures to mutually agree with the Customer on equipment location, but reserves the right to make the final decision on equipment location.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS USE AND CHARACTER OF SERVICE

#### A. Available Types of Service

- 1. Alternating current nominally measuring sixty hertz (60 Hz or cycles per second) is available throughout the Company's Certified Territory. Services are supplied by the Company according to the location of the Customer and the nature of the load. Tariff Sheets within this Schedule contain provisions as to the applicability of the Tariff and the character of service available to the Customer.
- 2. The nominal values of the Company's "Standard Secondary Service Voltages" (the voltage at the point where the electric systems of the Company and the Customer are connected) are 120/240 Volts, 120/208 Y Volts, 240 Volts, 277/480 Y Volts and 480 Volts. The "Standard Primary Service Voltages" are 1385/2400 Y Volts, 2400 Volts, 2400/4160 Y Volts, 4160 Volts, 6900/11950 Y Volts, and 7200/12470 Y Volts. For service at higher levels of voltage, the nominal standard service voltages are 34,500 Volts, 69,000 Volts and 138,000 Volts.

For Customers served at voltages less than fifteen thousand (15,000) Volts, the Company designs its system so that under normal operating conditions the sustained service voltage is within a range of plus or minus five percent (±5%) of the nominal voltage level of the service. For Customers served at voltages of more than fifteen thousand (15,000) Volts, the Company designs its system so that under normal operating conditions, the sustained service voltage is within a range of plus or minus ten percent (±10%) of the nominal voltage level of the service. Because of conditions beyond the control of the Company, Customer, or both, there may be infrequent and limited periods when the sustained service voltage for Customers served at voltages less than fifteen thousand (15,000) Volts would be outside of the plus or minus five percent (±5%) range noted above. In such case, corrective action shall be taken by the Company to the extent practicable. If the voltage is more than six percent (6%) above or eight percent (8%) below nominal, the Company will take immediate steps to restore voltages within the ranges set forth above. If the voltage variance is found to be caused by Customer action or equipment, the Customer shall be responsible for the cost of the voltage testing and remediation.

3. The limits noted for sustained voltage levels do not apply to momentary voltage excursions that may result from such cases as switching operations, motor starting currents, etc.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS USE AND CHARACTER OF SERVICE

- 4. The Customer is responsible for installing regulating apparatus for special equipment requiring voltage regulation other than those prescribed by the Ohio Administrative Code or in the Company's Electric Distribution Service Rules and Regulations.
- B. Charges and Payment for Temporary Service

Persons desiring temporary service shall pay the entire cost to install the facilities necessary to furnish such temporary service and also the entire cost of disconnecting and removing the service. Electric energy used for temporary service shall be billed in accordance with the applicable Tariff Sheet contained in this Schedule by Service Type.

C. Increase or Decrease in Load

The Customer shall promptly notify the Company of any material increase or decrease in load connected or of any material change in his wiring or installation. The Customer at his expense will change his service facilities as are necessary to accommodate Company equipment necessary to serve any such increase or decrease in connected load.

D. Emergency and Auxiliary Service

A Customer maintaining equipment capable of providing all or part of his electrical energy requirements who desires to use the Company's electrical service as a primary source of supply or who desires the privilege to use the Company's electrical service as an emergency or auxiliary source of supply shall do so under the following conditions:

For auxiliary or emergency service, the Customer shall furnish, install and maintain
suitable throw-over equipment between the Company's point of delivery and associated
metering equipment and the Customer's load. The throw-over equipment is to be connected
and arranged so that the load can be transferred from the Customer's independent source of
supply to the Company's service or from the Company's service to the Customer's
independent source of supply. All throw-over and other protective equipment and the
wiring arrangement shall be subject to the approval of the Company.

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- 2. Customers providing a supply of power from an isolated power plant or other source of power than that provided by the Company shall not operate such source of power in parallel with the Company's service unless the Company and the Customer enter into a Parallel Operating Service Agreement specifying the terms and conditions of such operation.
- 3. Auxiliary or emergency service shall be supplied under an available Service Option applicable to the class of service, and in accordance with the Distribution Service Rules and Regulations, except that as part of a Service Agreement with the Company, the Customer shall guarantee to pay to the Company the monthly Contract Capacity Charge contained in such Service Agreement. The Contract Capacity Charge shall be based on the greater of:
  - i. the peak billing kW from the prior 12 months multiplied by the rate per kW specified in the applicable Distribution Service Tariff; or
  - ii. the agreed upon Contract Capacity contained in the Service Agreement multiplied by the rate per kW specified in the applicable Distribution Service Tariff.

#### E. Use of Electric Energy by Customer

- 1. The Customer shall, in conformance with the standards contained in the latest revision of the Company's electric booklet entitled "Service Handbook", install motors, apparatus or appliances or devices which are suitable for operation with the character of the service available or supplied by the Company, and which shall not be detrimental to the Company, and the electric power must not be used in such a manner as to cause unprovided for voltage fluctuations or disturbances in the Company's transmission or distribution system. The Company shall be the sole judge as to the suitability of apparatus or appliances to be connected to its lines, and, also, as to whether the operation of such apparatus or appliances will be detrimental to its distribution system.
- 2. The Company reserves the right at all reasonable times to inspect and test all motors, apparatus, appliances and other devices owned by the Customer which are, or may be, connected to the Company's lines. THE COMPANY DOES NOT GIVE ANY WARRANTY, EXPRESSED OR IMPLIED, OR ASSUME ANY RESPONSIBILITY AS TO ADEQUACY, SAFETY, OPERATION OR OTHER CHARACTERISTICS OF ANY MOTOR, APPARATUS, OR OTHER DEVICE SO TESTED. CUSTOMER AGREES

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NOT TO RELY ON THE RESULTS OF THIS TEST AND INSPECTION FOR ANY PURPOSE.

The Company's authorized agent will, upon request, show his Company identification and state the reasons for requiring access.

- 3. The Company reserves the right to require the Customer to install at his expense such wiring and equipment as may be necessary to prevent undue interference with the Company's service to other Customers.
- 4. In case of violation of the above rules, service may be temporarily suspended by the Company until such time as the Customer's use of electric energy furnished hereunder conforms to these Electric Distribution Service Rules and Regulations. The temporary suspension of service by the Company under this paragraph is not a cancellation of the contract.

#### F. Continuity of Service

- 1. The Company will endeavor to supply electricity continuously and without interruption, and under all reasonable and normal conditions of operation to maintain the range of voltage and frequency of electricity supplied. The Company shall not be liable to the Customer or anyone else for any damage, loss or injury or otherwise resulting from any failure to supply electricity, or for any interruption of the supply or for variations in voltage and frequency, phase reversal or single phasing of three phase service, when such failure, interruption or variation is due to any of the following causes: accidents and contingencies, short circuits, line or equipment failure, breakdowns, strikes, fires, floods, riots, cyclones, vandalism, explosion, acts of God or nature, acts or orders of The Public Utilities Commission of Ohio, acts or orders of any civil, judicial or military authorities, or any cause beyond the control of the Company.
- 2. The Company shall not be liable for any damage or loss which the Customer may sustain due to any interruptions of supply, variations in voltage or frequency, phase reversals or single phasing of three phase service resulting from the use or characteristics of electric equipment and/or appliances of the Customer or other Customers connected to Company facilities.

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#### G. Redundant Service

Any Customer requesting a redundant service connection to the Company's facilities for reliability purposes must pay the Company for the entire cost for providing this redundant service connection and enter into a Service Agreement with the Company as outlined in Section D3 of this tariff. The Company reserves the right to refuse redundant service to any Customer where such redundant service is estimated by the Company to impede or impair current or future Distribution Service to the Customer or any other customer.

#### H. Conjunctional Service and Resale

Electricity distributed by the Company is for the exclusive use of the Customer on the premises to which such energy is delivered by the Company. Except as provided below, in no case shall service be shared with another, sold to another, or transmitted off the premises.

If Customer's industrial, governmental or commercial establishment contains two or more buildings, and such buildings are separated by street, alley, or railroad right-of-way, and there is no other intervening property under separate ownership and operation, the Customer, at his own expense and responsibility and subject to the approval of the Company, may interconnect such buildings so as to permit the Customer to receive energy for the operation and maintenance of his establishment from one point of delivery with one point of measurement. The privilege herein granted is not transferable and automatically terminates if and when the buildings cease to be a part of a single establishment or are separately owned and operated. All such facilities shall be installed and operated in accordance with the National Electrical Code and all applicable federal, state and local rules and regulations then in effect.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EMERGENCY ELECTRICAL PROCEDURES

#### A. General

Emergency electrical procedures may be necessary if there is a shortage in the electric energy supply to meet the demands of Customers in the Company's electric Certified Territory. A shortage in electric energy supply can result from either a short-term capacity deficiency or a long-term energy deficiency. There are differences in nature between capacity and energy deficiencies and therefore, different and appropriate procedures shall be adopted for each category of deficiency.

- 1. Essential health and safety Customers are given special consideration in these procedures and shall, insofar as the situation permits and the Customers' identity is known, include each of the following types of Customers (and such other Customers or types of Customers which the Commission may subsequently identify).
  - a. "Hospitals" which shall be limited to institutions providing medical care to patients and where surgical procedures are performed.
  - b. "Governmental Defense Institutions" which shall be limited to those facilities essential to the National Defense.
  - c. "Governmental Detention Institutions" which shall be limited to those facilities used for the detention of persons.
  - d. "Fire Stations" which shall be limited to attended publicly owned facilities housing mobile fire fighting apparatus.
  - e. "Life Support Customers" use vital medical equipment such as a kidney dialysis machine or respirator, to sustain the life of a person and have properly identified themselves to the Company.
  - f. "Radio and Television Stations" which shall be limited to those facilities used for the transmittal of emergency messages and public information broadcasts relating to these procedures.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EMERGENCY ELECTRICAL PROCEDURES

- g. "Water Pumping Plants" which shall be limited to facilities essential to the supply of potable water to a community.
- h. "Sewage Plants" which shall be limited to facilities essential to the collection, treatment or disposal of a community's sewage.

Although these types of Customers will be given special relief from the manual load shedding provisions of this procedure, they are encouraged to install emergency generation equipment if continuity of service is essential. In case of Customers supplied from two utility sources, only one source will be given special consideration. Other Customers who, in their opinion, have critical equipment should install emergency battery or portable generating equipment.

The Company shall as soon as practical advise the Commission of the nature, time, and duration of all implemented emergency conditions and procedures which affect normal service to its Customers and as may be appropriate in accordance with the nature of the occurring anticipated emergency involving the Company's load, generation, transmission or distribution facilities.

## B. Short-Term Capacity Shortages

As may be appropriate in accordance with the nature of the particular emergency, the Company shall initiate the following procedures:

1. Sudden or unanticipated short-term capacity shortages in the Company's area.

In the event of a sudden decline of frequency on the interconnected system or a sudden breakup which isolates all or parts of the Ohio area from other electric systems with which it is interconnected and which results in the area so isolated being deficient in electric generation with consequent rapid decline in frequency.

a. Automatic load shedding will take place if the decline in frequency is of the magnitude such as to jeopardize the entire isolated area. If the frequency declines to 59.5Hz, the following steps, as outlined in East Central Area Reliability Council (ECAR) Document No. 3, dated June 16, 1998, will be initiated:

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At 59.5 Hz, under frequency relays will automatically shed approximately five percent (5%) of the Company's system load.

At 59.3 Hz, under frequency relays will automatically shed approximately five percent (5%) of the Company's system load.

At 59.1 Hz, under frequency relays will automatically shed approximately five percent (5%) of the Company's system load.

At 58.9 Hz, under frequency relays will automatically shed approximately five percent (5%) of the Company's system load.

At 58.7 Hz, under frequency relays will automatically shed approximately five percent (5%) of the Company's system load.

The amount of load shed at each step will be a nominal five percent (5%) of the system load prior to the beginning of the under frequency occurrence.

- (i) Service so interrupted shall be of selected distribution circuits and lines serving Customers throughout the area. Such interruptions shall be, where practical, for short periods of time.
- (ii) Insofar as the situation permits, service interruptions shall be in accordance with priority classification, with interruptions to least essential loads occurring first; every reasonable effort will be made to provide continuous service to essential health and safety Customers.
- b. If necessary to curtail the decline in frequency in order to resynchronize the isolated area, the following steps will be taken in the appropriate order:
  - (i) Service will be interrupted to controlled service loads.
  - (ii) Voltage will be reduced not more than five percent (5%).
  - (iii) Manual load shedding of firm Customer loads will be instituted. Manual load shedding is typically performed at the distribution feeder level. The Company will

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make every effort to ensure that manual load shedding is performed in a manner that does not discriminate against any supplier or its customers.

2. Anticipated or predictable short-term capacity shortages.

In the event an emergency condition of short-term duration is anticipated or predicted which cannot be relieved by sources of generation within the interconnected area, the following steps will be taken at the appropriate time and in the order appropriate to the situation:

a. These steps will be initiated when the Company is capacity deficient and the system frequency is lower than 60.0 Hz but before the frequency declines to 59.9 Hz.

All non-essential Company use will be curtailed.

Non-Firm deliveries of energy will be curtailed.

A five percent (5%) voltage reduction will be initiated and the required notifications will be made to the appropriate agencies.

b. In addition to Step (a), these steps will be initiated when the Company is capacity deficient and the system frequency is lower than 59.9 Hz but before the frequency declines to 59.8 Hz.

A public appeal will be made for a voluntary reduction of all non-essential load to all types of service and such appeal shall continue throughout duration of the emergency.

Direct contact of Customers with an electric demand of 500 kW or higher will be made requesting implementation of their voluntary reduction plan.

As soon as possible, the Company will notify the Commission staff by telephone of the condition of the system and the steps taken.

c. In addition to Steps (a) and (b), if the frequency declines to 59.5 Hz, the following steps, as outlined in ECAR Document No. 3, will be initiated:

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## P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EMERGENCY ELECTRICAL PROCEDURES

At 59.5 Hz, under frequency relays will automatically shed approximately five percent (5%) of the Company's system load.

At 59.3 Hz, under frequency relays will automatically shed approximately five percent (5%) of the Company's system load.

At 59.1 Hz, under frequency relays will automatically shed approximately five percent (5%) of the Company's system load.

At 58.9 Hz, under frequency relays will automatically shed approximately five percent (5%) of the Company's system load.

At 58.7 Hz, under frequency relays will automatically shed approximately five percent (5%) of the Company's system load.

The amount of load shed at each step will be a nominal five percent (5%) of the system load prior to the beginning of the under frequency occurrence.

To arrest the decline in frequency, large blocks of load will be shed by opening transmission sources to selected areas.

At 58.2 Hz, generating units will be disconnected from the system to avoid turbine damage.

- d. If at any time during a capacity deficiency, an overload exists on a transmission facility that can be related to the deficiency, manual load shedding will be initiated immediately. Manual load shedding is typically performed at the distribution feeder level. The Company will make every effort to ensure that manual load shedding is performed in a manner that does not discriminate against any supplier or its customers. Curtailments that occur because of constraints on the Company's transmission system will result in a pro-rata reduction in load of all suppliers, including the Company's Standard Offer load.
- C. Long-term Capacity or Fuel Shortages

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The following actions shall be implemented until the Company determines that it may terminate any or all actions. The public shall be immediately advised through appropriate media sources of the implementation of these procedures.

#### 1. Long-term capacity shortages

In the event of a shortage of generating supply that cannot be alleviated by the normal generation or purchase of additional supplies, the following steps will be taken at the appropriate time for the appropriate duration and in the sequence appropriate under the circumstances:

- a. Curtailment of loads served under any Non-Firm Tariff provision, if applicable.
- b. Utilization of supplemental firing at those generating plants where this can increase plant output and such use is authorized.
- c. Utilization of extra-load capability of generating units through overpressure and/or the removal of feedwater heaters, to the extent practicable.
- d. Curtailment of generating plant internal usage by limiting non-critical plant activities such as fuel unloading, shop maintenance, lighting and air conditioning.
- e. Curtailment of non-essential load throughout the Company's facilities.
- f. Reduce voltage not more than five percent (5%).
- g. Curtailment of short-term power deliveries to neighboring utilities.
- h. Voluntary load curtailment by all Customers implemented as follows:
  - (i) Radio and television alert to the general public.
  - (ii) Direct contact of Customers with an electric demand of 500 kW or higher requesting that they implement their voluntary electric load curtailment plan.

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- (iii) Request, through mass communication media, for voluntary curtailment by all other Customers of a minimum of ten percent (10%) of their electric use.
- (iv) Direct contact of all wholesale Customers, requesting that they reduce voluntarily their electric power receipts from the Company's system by a minimum of ten percent (10%).
- i. A long-term capacity shortage eventually results in a series of short-term capacity situations which will be handled by the plans previously described under Sections B.1 and B.2.

#### 2. Long-term fuel shortages

Upon the commencement of a coal miners' strike, officially declared or otherwise, or other happening which could cause a long-term fuel shortage, the Company may vary from economic dispatch (optimum dispatch) in order to utilize generation from any plant to effectively manage the total fuel supply and shall notify the Commission that such action has been taken. The Company shall be granted emergency relief by the Commission from the applicable provisions of Rule 4901:5-19of the Ohio Administrative Code.

The following is the Company's plan to provide for an electric energy reduction in the event of a severe fuel shortage. The Company will monitor fuel supplies and forecast usage on a daily basis and take appropriate action in three (3) steps when fuel supply to meet expected electric loads for the subsequent fifty (50), thirty-five (35), and twenty-five (25) day period is not available. Action will be implemented under each step of the plan until it is determined by the Company that any or all actions may be terminated. The public will be advised through appropriate media sources of the implementation of these procedures.

- a. These steps will be initiated when the Company's fuel supplies have decreased to approximately fifty (50) days operation and a continued worsening trend is anticipated.
  - (i) The Company shall notify the Commission of the fuel supply shortage.

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- (ii) The Company's non-essential use of energy will be reduced in any way that will not jeopardize essential operations. This includes, but is not limited to, curtailment of parking and area lighting, interior lighting--except lighting required for safety and security, and any other uses of energy both during and outside normal business hours.
- (iii) The Company shall notify the general public of the fuel supply level through the issuing of periodic bulletins.
- (iv) The Company may discontinue all short-term and economy sales to other utilities, and will consider emergency sales only when it will not jeopardize service to its Customers.
- (v) The Company shall make public appeals through appropriate media asking all Customers to reduce use of electric energy because of the existing fuel shortage.
- (vi) The Company shall make direct appeals for conservation to major commercial and industrial Customers asking them to implement their voluntary plan which includes curtailment of non-essential usage.
- b. These steps will be initiated when the Company's fuel supplies have decreased to approximately thirty-five (35) days operation and a continued worsening trend is anticipated.
  - (i) Reduce voltage by five percent (5%) around the clock.
  - (ii) Make a continuous search for power from other utilities, especially those with nuclear generation.
  - (iii) The Company shall make direct contact of Customers with an electric demand of five hundred (500) kW or higher, requesting them to implement plan reducing electric consumption by thirty percent (30%) of the Customer's "monthly base period use". "Monthly base period use" is defined as the Customer's usage during the preceding twelve (12) month period. An adjustment may be made to reflect any increases or decreases of load in the most recent three (3) month period due to the installation or removal of equipment or a change in operating rate as computed

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in the formula in these Electric Distribution Service Rules and Regulations.

- (iv) The Company shall request by mass communication media, voluntary curtailment by all other Customers a minimum of twenty-five percent (25%) of their electric use. These uses include lighting, air conditioning, heating, manufacturing processes, cooking, refrigeration, clothes washing and drying, and any other loads that can be curtailed. This will include a request to eliminate all non-essential energy consumption, (e.g., outdoor flood and advertising lighting, window displays), to reduce general lighting levels in stores and offices to minimum functional levels, and to reduce or eliminate parking lot lighting levels.
- c. These steps to be initiated when the Company's fuel supplies have decreased to approximately twenty-five (25) day supply and a continued working trend is anticipated.
  - (i) The Company shall implement procedures for interruption of selected distribution circuits on a rotation basis as may be necessary or feasible, minimizing interruption to facilities which are essential to the public health and safety. The length of an interruption of any selected circuit should not exceed two (2) hours, and the total interruption should not exceed four (4) hours in any twenty-four (24) hour period.
  - (ii) Upon notification to the Commission, the Company shall increase the total hours of interruption in any twenty-four (24) hour period from four (4) hours to a maximum of eight (8) hours.

In either case, advance notice of Customer interruptions shall be given by release to appropriate news media.

(iii) The Company shall make direct contact of Customers with an electric demand of five hundred (500) kW or higher to implement a mandatory electric reduction of fifty percent (50%) based upon the same criterion as in the preceding Section C.2.b.(iii) paragraph. This may further be restricted to plant protection level (approximately twenty percent (20%) allowable usage) as circumstances dictate.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EMERGENCY ELECTRICAL PROCEDURES

- (iv) Customers failing to comply with the specified reductions for more than a thirty (30) day period will be subject to disconnection for the duration of the emergency.
- (v) Through mass media, the Company shall request curtailment of all non-essential electric usage such as nighttime sports, entertainment and recreational activities, and suggest closing public museums, art galleries, etc., that require electrical illumination heating or cooling.
- d. Short-term capacity shortages in neighboring control areas.

Where possible, service to the Company's Customers shall not be interrupted in order to provide emergency service to suppliers of electric energy in neighboring systems.

The neighboring system seeking assistance shall be requested to reduce its takings of electric energy if such takings endanger the reliability of bulk power supply in the Company's area. If such neighboring system fails to reduce its takings and the reliability of bulk power supply in the Company's area is endangered, steps will be taken, if appropriate, to relieve the burden on the Company's bulk power system, including as a last resort, opening of appropriate interconnections.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EMERGENCY ELECTRICAL PROCEDURES

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The	formula	for	base	period	adjustment	is	as	follov	vs:
		A	MBP	= CM	times PQ				

BPQ

Where:

AMBP = Adjusted Monthly Base Period (kW or kWh).

CM = Corresponding Month during the year immediately preceding the current year.

PQ = Average use (kW or kWh) for the second, third, and fourth monthly billing periods immediately prior to the date of the curtailment order. Should a curtailment be extended so that one of the three (3) monthly billing periods reflects usage under a curtailment period, the actual billing for that month is replaced with the AMBP previously calculated for that month.

BPQ = Average of corresponding three monthly billings prior to CM.

Example: (Curtailment ordered during month of May 1977)

#### 1st Curtailment Month

Since the April, 1977 billing may not always be available, then for uniformity to all Customers-from the time curtailment is ordered until the May meter reading date:

May 77 = (<u>Jan. Feb. March</u>) 77 times May 76 (Jan. Feb. March) 76

2nd Curtailment Month

June 77 = (Feb. Mar. April) 77 times June 76 (Feb. Mar. April) 76

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EMERGENCY ELECTRICAL PROCEDURES

#### 3rd Curtailment Month

Since May, 1977, will reflect electric use under a curtailment, May, 1977, will be replaced with May, 1977, as calculated in the 1st Curtailment Month:

July 77 = (Mar. Apr. May) 77 times July 76 (Mar. Apr. May) 76

NOTE:

The nomenclature for any one billing period is determined by the last reading date in the period. For example, a bill from April 2 to May 1 (where May 1 is the scheduled meter reading day for May) is considered the <u>May</u> billing period.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EXTENSION OF ELECTRIC FACILITIES

- A. When a potential Customer desires electric distribution service and it is necessary that the Company's facilities be extended to make electric distribution service available to the premises under consideration, that potential Customer shall execute an agreement satisfactory to the Company covering the matter of the extension. In addition, the Customer shall apply for electric service as provided in these Electric Distribution Rules and Regulations. The agreement covering the extension must be signed by the owner of the premises to be served. The Applicant and the Company must agree on meter location and point of delivery of electric service before any facilities are installed on the premises to be served.
- B. For line extensions to residential single family homes, both individual homes and homes in a development, the following shall apply:
  - 1. The Company shall be responsible for all costs associated with standard service installation for up to five thousand dollars per individual lot. The Company is not responsible for any costs associated with premium installation.
  - 2. The Applicant shall be responsible for any cost above the five thousand dollars per individual lot.
  - 3. In addition, to the extent the Applicant requests premium installation service, the Applicant shall be responsible for the incremental costs of premium services (the sum of the Company's cost to provide the premium installation minus the Company's cost of a standard service installation) prior to the start of construction.
  - 4. The Applicant shall make arrangements with the Company for the payment of the standard line extension costs that exceed the cap of five thousand dollars per individual lot. The Company shall afford the Applicant (but not including developers of homes) the option of paying those costs, plus carrying costs, on a prorated monthly basis for up to fifty months.
- C. For line extensions to residential, non-master-metered, multifamily installations (two or more units) the following shall apply:
  - 1. The Company shall be responsible for all costs associated with standard service installation for up to twenty-five hundred dollars per individual unit. The Company is not responsible for any costs associated with premium installation.
  - 2. The Applicant shall be responsible for any cost above the twenty-five hundred dollars per individual unit.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EXTENSION OF ELECTRIC FACILITIES

- 3. In addition, to the extent the Applicant requests premium installation service, the Applicant shall be responsible for the incremental costs of premium services (the sum of the Company's cost to provide the premium installation minus the Company's cost of a standard installation) prior to the start of construction.
- 4. The Applicant shall make arrangements with the Company for the payment of the standard line extension costs that exceed the cap of twenty-five hundred dollars per individual unit.
- D. For line extensions to Nonresidential Customers the following shall apply:
  - 1. The Company shall be responsible for sixty percent of the total cost of the line extension for a standard service installation.
  - 2. The Applicant shall remit forty percent of the total cost of the line extension for standard service installation prior to the start of construction, which shall be considered a Contribution in Aid of Construction (CIAC).
  - 3. In addition, to the extent the Applicant requests premium installation service, the Applicant shall be responsible for the incremental costs, including CIAC costs, of premium services (the sum of the Company's costs to provide the premium installation minus the Company's cost to install, in accordance with good utility practice, a standard line extension to the project) prior to the start of construction.
  - 4. If a substation is required as part of the line extension project, the Applicant shall be given the option of building (pursuant to all applicable electrical standards), owning, and maintaining such substation.
- E. Any Applicant who paid to the Company the cost of standard service installation may be entitled to a refund of a portion of the installation cost paid in accordance with the following:
  - 1. If any new Customer, within fifty months of the completion of a line extension project utilizes all or part of the facilities for which the cost of standard service installation has been paid, the Applicant who paid the installation costs may be entitled to a refund which represents a pro rata portion of the original cost calculated to equitably share the cost responsibility for those facilities used in service by both the new and original Applicant. The new Applicant will pay the pro rata portion of the original installation cost to DP&L and if either a premium installation or an additional line extension project is required for such new Applicant, any additional costs that would be charged under paragraphs (B), (C) or (D). After receiving the new Applicant's pro rata portion DP&L will refund it to the original Applicant.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EXTENSION OF ELECTRIC FACILITIES

- 2. If any subsequent new Applicant, within fifty months of the completion of the original line extension project, utilizes all or part of the facilities, any Applicant who paid for the standard service installation cost may be entitled to a refund.
- 3. Any Applicants who paid for the standard service installation cost are responsible to notify the Company when a new Customer is connected and utilizes the line extension associated with the installation cost that was paid.
- F. Nothing contained herein shall be construed to prohibit the Company from making extensions under different arrangements.
- G. Nothing contained herein shall be construed to prohibit the Company from making, at its expense, greater extensions than herein prescribed, should its judgement so dictate.
- H. The title to all extensions and equipment covered by the extension agreements shall be and remain in the Company.
- I. The Company reserves the right to make additional electric service extensions from the end of, or from any point in its electric distribution system.
- J. The Company reserves the right to determine the type of equipment which is needed to extend service hereunder, as well as whether overhead or underground electric distribution facilities will be installed. If the Applicant desires to receive service different than that determined by the Company, this is considered premium service and cost contributions apply as indicated above.
- K. Costs attributed to land clearance activity, trenching, and backfilling required for the installation of line extension facilities on the Applicant's property are the responsibility of the Applicant. Any such costs incurred by the Company at the Applicant's request must be paid in full prior to construction beginning.
- L. Construction or Relocation of Underground Distribution Facilities

The Company shall not be required to construct General Distribution Facilities underground unless the cost of such special construction for such General Distribution Facilities is paid for by the requesting party. The cost of any change of existing overhead General Distribution

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EXTENSION OF ELECTRIC FACILITIES

Facilities to underground which is required or specified by a municipality or other public authority or other requesting party shall be paid for by that municipality or public authority or other requesting party.

The "cost of any change" as used herein, shall be the actual cost to the Company of such change including any applicable taxes.

The "cost of special construction" as used herein, shall be the actual cost to the Company including any applicable taxes. In cases where general distribution facilities do not exist, the cost of special construction shall be that in excess of the cost of construction of Standard Facilities including any applicable taxes.

Definitions for the purposes of this section:

- 1. "Builder/Developer" someone who builds or contracts for and supervises the construction of any commercial structure or someone who builds or contracts for and supervises the construction of a residence for purposes other than owning and occupying it.
- 2. "Premium Service Cost" all costs and expenses incurred by the Company to provide service to the customer in excess of all the costs and expenses of a standard service. Premium Service Costs may include but are not limited to, customer requested oversized facilities or any additional costs that result from customer specifications that are in excess of standard construction, alternate construction routes, special construction costs due to obstructions or other physical factors, additional equipment, as well as costs associated with local ordinances or restrictions and any expenses imposed on the Company that are beyond the Company's control. The Company reserves the right to determine whether the construction of underground electric distribution facilities are considered standard or premium services.
- 3. "Residence" a living structure meeting the permanency requirement which includes a functional domestic kitchen and conventional sleeping facilities in compliance with all applicable residential building codes and regulations.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EXTENSION OF ELECTRIC FACILITIES

- 4. "Standard Service Installation" is the least cost most direct route to extend facilities, in accordance with good utility practice, to the customer's delivery point from the Company's point of origin at the appropriate voltage level and availability of multi-phase facilities.
- 5. "General Distribution Facilities" means any and all facilities of the Company except those required to serve or extend service to a specific Customer.
- 6. "Standard Facilities" means the least cost design of electric distribution facilities using sound engineering practices which meet and/or exceed the National Electrical Safety Code and the Company's construction standards.
- 7. All other definitions as set forth in Section 4901:1-9-07 of the Ohio Administrative Code as modified from time to time shall apply.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EXTENSION OF ELECTRIC FACILITIES TO HOUSE TRAILER PARKS

#### A. Definition

For the purposes of this Section, a House Trailer Park is a "Manufactured Home Park" as defined in Chapter 4781 of the Ohio Revised Code.

#### B. Bulk Metered Service

Electric service will be made available to House Trailer Parks through a single meter in accordance with an available Service Option of this Schedule. All equipment necessary to receive service at the meter shall be installed in accordance with local codes and the standards contained in the latest revision of the Company's electric booklet "Service Handbook", copies of which are available at any of the Company's offices or on the Company's website. The Company shall not be responsible for the electric distribution facilities or electric service beyond the point of metering. Electric energy furnished to House Trailer Parks under the terms of Bulk Metered Service on this Tariff Sheet shall not be submetered or resold, with the exception of those House Trailer Parks, which on or before August 1, 1973 sub-metered or resold electric energy to trailer locations. In the event of any violation of this prohibition against sub-metering and resale, the Company may remove its meters and equipment and discontinue service after three (3) days prior written notice.

#### C. Individual Metered Service

Individual electric service will be made available to the individual trailers in House Trailer Parks. The Company will determine the type of distribution to be installed and the location of the meters and metering equipment. All service equipment necessary to supply individual trailer service from each metering location shall be furnished, installed and maintained by and at the expense of the park owner or operator, and shall be installed in accordance with local codes and the standards contained in the latest revision of the Company's electric booklet "Service Handbook", copies of which are available at any of the Company's offices or on the Company's website. All distribution facilities to the point of attachment at the Customer's metering location, shall be installed, owned and maintained by the Company.

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1065 Woodman Drive
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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS EXTENSION OF ELECTRIC FACILITIES TO HOUSE TRAILER PARKS

The park owner or operator shall enter into a contract with the Company and provide the Company with all necessary easements and rights of way and shall provide final grade prior to the installation of the distribution system.

#### D. Sectionalized Service

Subject to the approval of the Company, a combination of both types of service described in (B) and (C) above, may be made available to House Trailer Parks.

#### E. Line Extensions

In addition to the foregoing provisions, service to House Trailer Parks is also governed by the other provisions of the Company's Electric Distribution Service Rules and Regulations pertaining to the extension of electric service.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE GENERAL SERVICE RULES AND REGULATIONS DEFINITIONS AND AMENDMENTS

#### A. Definitions

"Alternate Generation Supplier (AGS)" means a person, corporation, broker, marketer, aggregator, generator or any other entity approved by the Commission to sell electricity to End-use Customers, utilizing the jurisdictional transmission and distribution facilities of the Company and registered in the Company's Electric Choice Program.

"Ancillary Service" means those services set forth in the Company's Open Access
Transmission Tariff which are necessary to support the transmission of capacity and energy
from resources to loads while maintaining reliable operation of the Company's Transmission
System. Ancillary Services may include but are not limited to scheduling, system control and
dispatch service; reactive supply and voltage control service; regulation and frequency
response service; energy imbalance service; operating reserve-spinning reserve service;
operating reserve-supplemental reserve service; and real power losses service.

"Certified Territory" means the Company's Certified Territory as established for an Electric Supplier under Sections 4933.81 to 4933.90 of the Revised Code as amended by Sub. S.B. No. 3 of the 123<sup>rd</sup> General Assembly.

"Company" means The Dayton Power and Light Company.

"Competition Act" means the Electricity Deregulation Act (Sub. S. B. No. 3, 123<sup>rd</sup> General Assembly).

"Control Area" means an electrical system bounded by interconnection (tie-line) metering and telemetry. It controls its generation directly to maintain its interchange schedule with other control areas and contributes to frequency regulation of the interconnection.

"Customer" means and includes any person, firm, corporation or other entity using electricity delivered to the premises, building or establishment where used, or for whose account and use such electricity is delivered, and also the owner, occupant, tenant or lessee of the premises, building or establishment.

"Customer-Generator" means Customer-Generator as defined in Section 4928.01 of the Revised Code as amended by Sub. S. B. No. 3 of the 123<sup>rd</sup> General Assembly.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE GENERAL SERVICE RULES AND REGULATIONS DEFINITIONS AND AMENDMENTS

"Distribution Customer" is a Customer within the Company's Certified Territory that is served by the Electric Distribution Service Schedules.

"Distribution Service" means the delivery of electric power and energy at voltages less than 34.5 kV to a Customer for ultimate consumption and includes metering, billing and collection services. Distribution Service does not include furnishing electric power or energy at wholesale for resale.

"Distribution System" means the facilities owned, controlled, or operated by the Company that are used to provide Distribution Service.

"RF" means the Reliability First Agreement, a regional entity of NERC, to which the Company is a full member.

"Generation Service" means the provision of electric power and energy to a customer for ultimate consumption and does not include furnishing power at wholesale for resale.

"Large Commercial Customer" means a commercial customer with annual usage equal to or greater than seven hundred thousand (700,000) kWh.

"Nonresidential Customer" is any Customer not defined as a Residential Customer, including any Customer whose nonresidential portion of the total service requirements, as measured through one meter, is greater than the residential portion.

Open Access Transmission Tariff (OATT) – the Company's Open Access Transmission Tariff or its successor on file with the FERC and which sets forth the rates, terms and conditions of transmission service over transmission facilities owned by The Dayton Power and Light Company.

"P.U.C.O. No. 18" means the collection of all electric service Schedules of the Company.

"Residential Customer" is a single-phase customer who receives service at standard secondary service voltages, not exceeding 400 amps, for a single family home, apartment, or condominium, or other single family facility whose entire electric requirements are measured through one meter and whose primary use is of a residential nature for lighting, heating,

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## P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE GENERAL SERVICE RULES AND REGULATIONS DEFINITIONS AND AMENDMENTS

cooling or for the operation of appliances. Other incidental power uses for nonresidential purposes must not be greater than the residential portion of the total service requirements.

"Schedule" means the entire set of effective electric Distribution, Generation, or Transmission Service Tariff Sheets, including any and all attachments, appendices, and subsequent revisions or amendments.

"Service Type" refers to the kind of electric service the Customer receives from the Company under applicable Tariff Sheets according to end use, service voltage, character of service, or specific eligibility requirements contained in certain Tariff Sheets. Service Types include Residential, Residential Heating, Secondary, Primary, Primary-Substation, High Voltage, Private Outdoor Lighting, and Street Lighting.

"Small Commercial Customer" means a commercial customer with annual usage less than seven hundred thousand (700,000) kWh.

"Transmission Service" means the transmission of power and energy at voltages specified within the Company's Open Access Transmission Tariff.

"Transmission System" means the facilities owned, controlled, or operated by the Company that are used to provide Transmission Service.

"Voltage Level of Service" refers to the following customer classifications which are defined according to their standard service voltage (as defined in this Schedule on Tariff Sheet No. D14) and other customer characteristics:

"High Voltage Customer" is a Nonresidential Customer who receives electric service at sixty-nine thousand (69,000) volts or higher and whose monthly demands are equal to or in excess of ten thousand (10,000) kW for all electric service supplied to one location on the Customer's premises. High Voltage Customers receiving electric service from the Company prior to April 30, 1988 are required to receive service at sixty-nine thousand (69,000) volts or higher and to have monthly demands equal to or in excess of one thousand (1,000) kW for all electric service supplied to one location on the Customer's premises.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE GENERAL SERVICE RULES AND REGULATIONS DEFINITIONS AND AMENDMENTS

- "Primary-Substation Customer" is a Nonresidential Customer who receives electric service at standard primary service voltages of twenty-four hundred (2400) volts or higher that is taken directly from the secondary side of a substation step-down transformer(s) in an existing substation without using any Company-owned primary distribution feeders and has a monthly demand equal to or in excess of one thousand (1,000) kW for all electric service supplied at one location on the Customer's premises.
- "Primary Customer" is a Nonresidential Customer who receives service at standard primary service voltages of twenty-four hundred (2400) volts or higher for all electric service supplied at one location on the Customer's premises.
- "Secondary Customer" is a Nonresidential or Residential Customer who receives service
  at standard secondary service voltages for all electric service supplied at one location on
  the Customer's premises.

The singular includes the plural and the plural includes the singular.

The masculine, feminine and neuter each include each of the other two genders.

B. General Service Rules and Regulations May Be Amended
The Company reserves the right, with the approval of The Public Utilities Commission of
Ohio, to modify, alter or amend these Electric Distribution Rules and Regulations, or to
promulgate such other and further Rules and Regulations as experience and conditions may
suggest, or as it deems necessary in the conduct of its business.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS ADDITIONAL CHARGES

- A. In addition to charges applied from selected Tariff Sheets, the following charges may be applied to each customer bill:
  - 1. Delayed Payment Charge:

Payment of the total billed amount due must be received by the Company or an authorized agent by the due date shown on the bill. If the Customer does not pay the total amount due to the Company by the due date shown, an additional amount equal to one and one half percent (1 ½%) of the total unpaid balance shall be assessed and also become due and payable.

2. Returned Check Charge:

The Returned Check Charge contained on Miscellaneous Service Charges Tariff Sheet No. D26 of this Schedule shall be assessed to the Customer's account each time a check is returned by a financial institution. Any Customer paying for more than one type of utility service from the Company will be charged a maximum of one (1) Returned Check Charge per returned check.

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS OPEN ACCESS TERMS AND CONDITIONS

### A. Open Access to Distribution System

Distribution Service will be available to all retail electric service Customers in the Company's Certified Territory and their suppliers on a nondiscriminatory and comparable basis. The Company will build distribution facilities when necessary to provide adequate Distribution Service. However, a Customer requesting such service will be required to pay all or part of the reasonable incremental cost of the new facilities in accordance with Tariff Sheet No. D12 of this Schedule. The rules, regulations and rates contained on Tariff Sheets in this Schedule shall be applied to all Customers and their suppliers on a nondiscriminatory and comparable basis.

#### B. Terms of Service

An electric retail Customer is not responsible for maintaining a formal service agreement for Distribution Service with the Company. However, by completing an Application for Service under Tariff Sheet No. D3, an electric retail Customer is bound by the terms and conditions outlined in this Schedule. Each Alternate Generation Supplier (AGS) serving retail Customers in the Company's Certified Territory is required to enter into a formal service agreement with the Company in accordance with the terms and conditions contained in the Company's Alternate Generation Supplier Coordination Tariff Sheet No. G8.

The Company will bill all electric retail Customers for Distribution Services either directly, or to their authorized representative, or according to third-party billing arrangements with an AGS.

#### C. Firmness of Service

All Distribution Service will be assumed to be of equal duration and firmness.

The Company is not responsible under its Electric Distribution Service Schedule for the delivery of power and energy not received in part or in whole at the designated transmission point of delivery, for any reason. In the event that Distribution Service interruptions are required to maintain safe and reliable operation of the system, such interruptions will be

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## P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS OPEN ACCESS TERMS AND CONDITIONS

allocated proportionately among all Distribution Service Customers whose load contributes to the need for reduction without regard to the Customer's choice of generation supplier. In the event of an emergency situation, Emergency Electrical Procedures contained in Tariff Sheet No. D11 shall be initiated by the Company. In the event of unplanned outages, service will be restored to Customers in accordance with good utility practices.

#### D. Construction of New Distribution Facilities

The Company shall use due diligence to add necessary facilities or upgrade its distribution system within a reasonable time. DP&L will not upgrade its existing or planned distribution system in order to provide the requested Distribution Service if doing so would impair system reliability or otherwise impair or degrade existing service.

If the Company determines that it will not have adequate capability to satisfy the full amount of an Application for Service, DP&L nonetheless shall be obligated to offer and provide the portion of the requested Distribution Service that can be accommodated without addition of any facilities. However, DP&L shall not be obligated to provide the incremental amount of requested Distribution Service that requires the addition of facilities or upgrades until such facilities or upgrades have been placed in service.

If any event occurs that will materially affect the time for completion of new facilities, or the ability to complete them, DP&L shall promptly notify the Customer. In such circumstances, DP&L shall within thirty (30) days of notifying the Customer of such delays, convene a technical meeting with the Customer to evaluate the alternatives available to the Customer. The Company also shall make available to the Customer studies and work papers related to the delay, including all information that is in the possession of DP&L that is reasonably needed by the Customer to evaluate any alternatives, excluding commercially sensitive information and that which relates to any of the Company's other Customers.

When it is determined that one or more alternatives exist to the originally planned construction project, DP&L shall present such alternatives for consideration by the Customer. Upon review of these alternatives, the Customer may desire to maintain its Application for Service subject to construction of the alternative facilities. In the event DP&L concludes that no reasonable alternative exists and the Customer disagrees, the Customer may refer the dispute to the PUCO for resolution.

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	THOMAS A. RAGA, President and Cl	nief Exe	cutive Officer	

SCHEDULE E Page 61 of 11

THE DAYTON POWER AND LIGHT COMPANY MacGregor Park 1065 Woodman Drive Dayton, Ohio 45432 Original Sheet No. D16 Page 3 of 3

# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RULES AND REGULATIONS OPEN ACCESS TERMS AND CONDITIONS

If DP&L and the Customer mutually agree that no other reasonable alternatives exist and the requested service cannot be provided out of existing capability under the conditions of this Tariff Sheet, the obligation to provide the requested Distribution Service shall terminate. However, the Customer shall be responsible for all prudently incurred costs by the Company through the time implementation was suspended.

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Original Sheet No. D17 Page 1 of 2

## P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RESIDENTIAL

#### **DESCRIPTION OF SERVICE:**

This Tariff Sheet provides the Customer with Distribution Service from the Company that will be metered and billed on an energy and monthly customer charge basis.

#### APPLICABLE:

Available to all single-phase residences, single apartments, and churches whose entire requirements are measured through one meter, for lighting, the operation of appliances, and incidental power.

#### **REQUIRED SERVICES:**

The Customer may take Generation Service from DP&L under Standard Service Tariff Sheet No. G10 and Transmission Service under Transmission Cost Recovery Rider – Bypassable Sheet No. T9. Otherwise, the Customer may choose an Alternate Generation Supplier ("AGS") for its Generation Service. If an AGS is chosen: (1) The AGS must sign a service agreement with the Company and abide by the terms of the Alternate Generation Supplier Coordination Tariff Sheet No. G8, and (2) Customer must take service under the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.

# RATE PER MONTH: Customer Charge: \$13.73 per Customer Energy Charge: \$0.0209590 per kWh for all kWh MINIMUM CHARGE: The Minimum Charge shall be the Customer Charge. Filed pursuant to the Opinion and Order in Case No. \_\_\_\_\_dated \_\_\_\_\_of the Public Utilities Commission of Ohio. Issued Effective

Issued by THOMAS A. RAGA, President and Chief Executive Officer

SCHEDULE E Page 63 of 1:

THE DAYTON POWER AND LIGHT COMPANY MacGregor Park 1065 Woodman Drive Dayton, Ohio 45432 Original Sheet No. D17 Page 2 of 2

## P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RESIDENTIAL

#### ADDITIONAL RIDERS:

Service under this Tariff Sheet shall also be subject to the following riders:

Uncollectible Rider on Sheet No. D27.
Universal Service Fund Rider on Sheet No. D28.
Reconciliation Rider Nonbypassable on Sheet No. D29.
Storm Cost Recovery Rider on Sheet No. D30.
Regulatory Compliance Rider on Sheet No. D31.
Excise Tax Rider on Sheet No. D33.
Switching Fee Rider on Sheet No. D34.
Energy Efficiency Rider on Sheet No. D38.
Economic Development Rider on Sheet No. D39.

#### **RULES AND REGULATIONS:**

All Distribution Service of the Company is rendered under and subject to the Rules and Regulations contained within this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

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	THOMAS A. RAGA, President and Chief Executive Office	er

Original Sheet No. D18 Page 1 of 2

## P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RESIDENTIAL HEATING

#### **DESCRIPTION OF SERVICE:**

This Tariff Sheet provides the Customer with Distribution Service from the Company that will be metered and billed on an energy and monthly customer charge basis.

#### **APPLICABLE:**

Available to all single-phase residences and single apartments whose entire requirements are measured through one meter, for lighting and the operation of appliances, provided electric energy is used as the primary source of heating the premises.

#### REQUIRED SERVICES:

The Customer may take Generation Service from DP&L under Standard Service Tariff Sheet No. G11 and Transmission Service under Transmission Cost Recovery Rider – Bypassable Sheet No. T9. Otherwise, the Customer may choose an Alternate Generation Supplier ("AGS") for its Generation Service. If an AGS is chosen: (1) The AGS must sign a service agreement with the Company and abide by the terms of the Alternate Generation Supplier Coordination Tariff Sheet No. G8, and (2) Customer must take service under the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.

#### RATE PER MONTH:

Customer Charge:			
\$13.73 per Customer			
Energy Charge:			
\$0.0209590 per kWh for all kWh			
MINIMUM CHARGE:  The Minimum Charge shall be the Customer C	Charge.		
Filed pursuant to the Opinion and Order in Ca Commission of Ohio.	ase Noda	ated	of the Public Utilities
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THOMAS A. RAGA,	President and Cl	hief Executi	ve Officer

Original Sheet No. D18 Page 2 of 2

## P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RESIDENTIAL HEATING

#### **ADDITIONAL RIDERS:**

Service under this Tariff Sheet shall also be subject to the following riders:

Uncollectible Rider on Sheet No. D27.
Universal Service Fund Rider on Sheet No. D28.
Reconciliation Rider Nonbypassable on Sheet No. D29.
Storm Cost Recovery Rider on Sheet No. D30.
Regulatory Compliance Rider on Sheet No. D31.
Excise Tax Rider on Sheet No. D33.
Switching Fee Rider on Sheet No. D34.
Energy Efficiency Rider on Sheet No. D38.
Economic Development Rider on Sheet No. D39.

## **RULES AND REGULATIONS:**

All Distribution Service of the Company is rendered under and subject to the Rules and Regulations contained within this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

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Commission of Ohio.	
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THOMAS A. RAGA	A, President and Chief Executive Officer

Original Sheet No. D19 Page 1 of 4

## P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE SECONDARY

#### **DESCRIPTION OF SERVICE:**

This Tariff Sheet provides the Customer with Distribution Service from the Company that will be metered and billed on a demand and monthly customer charge basis.

#### APPLICABLE:

Available to any Secondary Nonresidential Customer for lighting and for power, provided that all electric service is supplied at one location on the Customer's premises. This rate is applicable when any portion of the Customer's service is rendered at Secondary voltage.

#### **REQUIRED SERVICES:**

The Customer may take Generation Service from DP&L under Standard Service Tariff Sheet No. G12 and Transmission Service under Transmission Cost Recovery Rider – Bypassable Sheet No. T9. Otherwise, the Customer may choose an Alternate Generation Supplier ("AGS") for its Generation Service. If an AGS is chosen: (1) The AGS must sign a service agreement with the Company and abide by the terms of the Alternate Generation Supplier Coordination Tariff Sheet No. G8, and (2) Customer must take service under the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.

service under Tariff Sheet No. T8 of the Transmission Schedule.	
RATE PER MONTH:	
Customer Charge:	
Single-phase Service Three-phase Service	\$16.34 per Customer \$26.76 per Customer
THE FOLLOWING SERVICE IS NOT AVAILABLE FOR NEW INSTALLATIONS: Unmetered Service \$14.70 per Customer	
Demand Charge:	
\$4.4635107 per kW for all kW of Billing Demand	
MINIMUM CHARGE:	
The Minimum Charge shall be the Customer Charge.	
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THOMAS A. RAGA, President and Chief Executive Officer

Original Sheet No. D19 Page 2 of 4

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE SECONDARY

### **MAXIMUM CHARGE:**

If the Maximum Charge provision contained in Generation Schedule Tariff Sheet No. G12 applies, the Customer will be charged an energy charge of \$0.0116935 per kWh, in lieu of the above demand and energy charges.

### **ADDITIONAL RIDERS:**

Service under this Tariff Sheet shall also be subject to the following riders:

Uncollectible Rider on Sheet No. D27.
Universal Service Fund Rider on Sheet No. D28.
Reconciliation Rider Nonbypassable No. D29.
Storm Cost Recovery Rider on Sheet No. D30.
Regulatory Compliance Rider on Sheet No. D31.
Excise Tax Rider on Sheet No. D33.
Switching Fee Rider on Sheet No. D34.
Energy Efficiency Rider on Sheet No. D38.
Economic Development Rider on Sheet No. D39.

### PRIMARY VOLTAGE METERING:

The above rates are based upon Secondary Voltage Level of Service and metering. When metering is at Primary Voltage Level of Service, both the kilowatt billing demand and the energy kilowatt-hours will be adjusted downward by one percent (1%) for billing purposes.

### OFF-PEAK METERING SURCHARGE:

Customers with billing demands less than one thousand kilowatts (1,000 kW) requesting metering devices to determine billing demands during off-peak periods shall be subject to an additional charge of twenty dollars (\$20.00) per month. No demand less than one thousand kilowatts (1,000 kW) shall be designated as off-peak unless the Customer has elected the metering surcharge option.

For Customers who elect to be supplied through off-peak metering, the Term of Contract shall be a minimum period of one (1) year and for such time thereafter until terminated by the Company or the Customer giving thirty (30) days written notice.

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Original Sheet No. D19 Page 3 of 4

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE SECONDARY

### **DETERMINATION OF KILOWATT BILLING DEMAND:**

The billing demand shall be the greatest thirty (30) minute integrated demand ascertained in kilowatts by instruments suitable for the purpose. Such billing demand shall be the greatest of the following:

- 1. Off-peak: Seventy-five percent (75%) of the greatest such demand occurring during the billing month, either within the period between 8:00 p.m. of one day and 8:00 a.m. the following day, or on any Saturday or Sunday, or on the following observed legal holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day or Christmas Day; or
- 2. On-peak: One hundred percent (100%) of the greatest such demand occurring during the billing month at any time not within the period and not on the days specifically mentioned in paragraph 1 above; or
- 3. Seventy-five percent (75%) of the greatest of such off-peak or on-peak demand as used for billing in the months of June, July, August, December, January and February during the past eleven month period prior to the current billing month.

### SECONDARY RATE PROVISION:

When the use of a Customer's load does not result in billing demands proportionate to the facilities installed, the billing demand may be determined by taking eighty-five percent (85%) of such total connected load. The Maximum Charge provisions of this Tariff Sheet shall not be applicable to these Customers.

### UNMETERED SERVICE PROVISION:

A. THIS PROVISION IS IN THE PROCESS OF ELIMINATION AND IS WITHDRAWN EXCEPT FOR THE PRESENT INSTALLATIONS OF CUSTOMERS THAT HAVE ELECTED TO COMPLY WITH SECTION B OF DP&L'S UNMETERED SERVICE PROVISION. ALL NEW SERVICE REQUESTS SHALL TAKE SERVICE UNDER SINGLE OR THREE PHASE METERED SERVICE.

Unmetered single-phase service is available under this provision upon mutual agreement between the Company and the Customer for lighting and/or incidental power purposes for rated loads less than five (5) kilowatts having uniformity of consumption which can be predicted accurately.

This rate is available on application and only to those Customers whose rated load requirements of five (5) kilowatts or less can be served at one point of delivery.			.ve 
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Original Sheet No. D19 Page 4 of 4

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE SECONDARY

For each monthly billing period the kW billing demand shall be the estimated or measured load in kilowatts, and the kilowatt-hours consumed shall be the product of the estimated or measured load in kilowatts multiplied by seven hundred and thirty (730) hours.

The Customer shall furnish electrical protection devices which meet local electric code requirements. In the absence of a local electrical code, the National Electrical Code will be followed.

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 or measure such load. In the event the Customer fails to notify the Company of an increase in load, the Company reserves the right to refuse to serve the location thereafter under this rate, and shall be entitled to bill the Customer retroactively on the basis of the increased load for the full period such load was connected. If the character of such load should change, so as to require metered service, the Customer shall provide the facilities to permit the metering.

The Term of Contract shall be a minimum period of one (1) year or such shorter period as may be agreed between the Company and the Customer.

### B. UNMETERED SERVICE COMPLIANCE PROVISION FOR EXISTING INSTALLATIONS

Concurrent with the effective date of this tariff, existing customers who elect to maintain an Unmetered Service Provision must comply with the following:

- I. Provide the Company with written validation of the type of usage, quantities and characteristics of service within 6 months of the effective date of this tariff
- II. Provide written validation of the type and quantity of service to the Company annually

### **RULES AND REGULATIONS:**

All Distribution Service of the Company is rendered under and subject to the Rules and Regulations contained within this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

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THOM	AS A RAGA President a	nd Chief Eve	outive Officer	

Original Sheet No. D20 Page 1 of 3

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE PRIMARY

### **DESCRIPTION OF SERVICE:**

This Tariff Sheet provides the Customer with Distribution Service from the Company that will be metered and billed on a demand and monthly customer charge basis.

### APPLICABLE:

Available to any Customer for lighting and for power, provided that all electric service is supplied at one location on the Customer's premises.

### **REQUIRED SERVICES:**

The Customer may take Generation Service from DP&L under Standard Service Tariff Sheet No. G13 and Transmission Service under Transmission Cost Recovery Rider – Bypassable Sheet No. T9. Otherwise, the Customer may choose an Alternate Generation Supplier ("AGS") for its Generation Service. If an AGS is chosen: (1) The AGS must sign a service agreement with the Company and abide by the terms of the Alternate Generation Supplier Coordination Tariff Sheet No. G8, and (2) Customer must take service under the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.

the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.
<u>RATE PER MONTH:</u>
Customer Charge:
\$197.58 per Customer
Demand Charge:
\$2.1044704 per kW for all kW of Billing Demand
Reactive Demand Charge:
\$0.5699314 per kVar for all kVar of Billing Demand
MINIMUM CHARGE:
The Minimum Charge shall be the Customer Charge.
Filed pursuant to the Opinion and Order in Case Nodatedof the Public Utilities Commission of Ohio.
Issued Effective

Original Sheet No. D20 Page 2 of 3

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE PRIMARY

### MAXIMUM CHARGE:

If the Maximum Charge provision contained in Generation Schedule Tariff Sheet No. G13 applies, the Customer will be charged an energy charge of \$0.0041815 per kWh, in lieu of the above demand and energy charges.

### ADDITIONAL RIDERS:

Service under this Tariff Sheet shall also be subject to the following riders:

Uncollectible Rider on Sheet No. D27.
Universal Service Fund Rider on Sheet No. D28.
Reconciliation Rider Nonbypassable on Sheet No. D29.
Storm Cost Recovery Rider on Sheet No. D30.
Regulatory Compliance Rider on Sheet No. D31.
Excise Tax Rider on Sheet No. D33.
Switching Fee Rider on Sheet No. D34.
Energy Efficiency Rider on Sheet No. D38.
Economic Development Rider on Sheet No. D39.

### SECONDARY VOLTAGE METERING:

The above rates are based upon Primary Voltage Level of Service and metering. When metering is at Secondary Voltage Level of Service, both the kilowatt billing demand and the energy kilowatt-hours will be adjusted upward by one percent (1%) for billing purposes.

### OFF-PEAK METERING SURCHARGE:

Customers with billing demands less than one thousand kilowatts (1,000 kW) requesting metering devices to determine billing demands during off-peak periods shall be subject to an additional charge of twenty dollars (\$20.00) per month. No demands less than one thousand kilowatts (1,000 kW) shall be designated as off-peak unless the Customer has elected the metering surcharge option.

For Customers who elect to be supplied through off-peak metering, the Term of Contract shall be a minimum period of one (1) year and for such time thereafter until terminated by the Company or the Customer giving thirty (30) days written notice.

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	THOMAS A. RAGA, President and Chi	ief Executive Officer	

Original Sheet No. D20 Page 3 of 3

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE PRIMARY

### **DETERMINATION OF KILOWATT BILLING DEMAND:**

The billing demand shall be the greatest thirty (30) minute integrated demand ascertained in kilowatts by instruments suitable for the purpose. Such billing demand shall be the greatest of the following:

- 1. Off-peak: Seventy-five percent (75%) of the greatest such demand occurring during the billing month, either within the period between 8:00 p.m. of one day and 8:00 a.m. the following day, or on any Saturday or Sunday, or on the following observed legal holiday: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day or Christmas Day; or
- 2. On-peak: One hundred percent (100%) of the greatest such demand occurring during the billing month at any time not within the period and not on the days specifically mentioned in paragraph 1 above; or
- 3. Seventy-five percent (75%) of the greatest of such off-peak or on-peak demand as used for billing in the months of June, July, August, December, January and February during the past eleven (11) month period prior to the current billing month. Where a Customer's establishment contains two or more buildings with separate services, each service having a monthly demand of five hundred (500) kW or higher, served under this Tariff Sheet, and such buildings are separated by street, alley, or railroad right-of-way, and there is no other intervening property under separate ownership, the demand of all such accounts at coincident times shall be added together for the determination of this Paragraph 3.

### PRIMARY RATE PROVISION:

When the use of a Customer's load does not result in billing demands proportionate to the facilities installed the billing demand may be determined by taking eighty-five percent (85%) of such total connected load. The Maximum Charge provisions of this Tariff Sheet shall not be applicable to these Customers.

### **RULES AND REGULATIONS:**

All Distribution Service of the Company is rendered under and subject to the Rules and Regulations contained in this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

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Original Sheet No. D21 Page 1 of 3

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE PRIMARY-SUBSTATION

### **DESCRIPTION OF SERVICE:**

This Tariff Sheet provides the Customer with Distribution Service from the Company that will be metered and billed on a demand and monthly customer charge basis.

### APPLICABLE:

Available to all Primary-Substation Customers for lighting and for power, provided that all electric service is supplied at one location on the Customer's premises.

### **REQUIRED SERVICES:**

The Customer may take Generation Service from DP&L under Standard Service Tariff Sheet No. G14 and Transmission Service under Transmission Cost Recovery Rider – Bypassable Sheet No. T9. Otherwise, the Customer may choose an Alternate Generation Supplier ("AGS") for its Generation Service. If an AGS is chosen: (1) The AGS must sign a service agreement with the Company and abide by the terms of the Alternate Generation Supplier Coordination Tariff Sheet No. G8, and (2) Customer must take service under the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.

# RATE PER MONTH: Customer Charge: \$347.02 per Customer Demand Charge: \$0.5858977 per kW for all kW of Billing Demand Reactive Demand Charge: \$0.1541967 per kVar for all kVar of Billing Demand MINIMUM CHARGE: The Minimum Charge shall be the Customer Charge. Filed pursuant to the Opinion and Order in Case No. \_\_\_\_\_dated \_\_\_\_\_of the Public Utilities Commission of Ohio. Issued Effective

SCHEDULE E Page 74 of 1:

THE DAYTON POWER AND LIGHT COMPANY MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

Original Sheet No. D21 Page 2 of 3

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE PRIMARY-SUBSTATION

### **ADDITIONAL RIDERS:**

Service under this Tariff Sheet shall also be subject to the following riders:

Uncollectible Rider on Sheet No. D27.
Universal Service Fund Rider on Sheet No. D28.
Reconciliation Rider Nonbypassable on Sheet No. D29.
Storm Cost Recovery Rider on Sheet No. D30.
Regulatory Compliance Rider on Sheet No. D31.
Excise Tax Rider on Sheet No. D33.
Switching Fee Rider on Sheet No. D34.
Energy Efficiency Rider on Sheet No. D38.
Economic Development Rider on Sheet No. D39.

### SECONDARY VOLTAGE METERING:

The above rates are based upon Primary Voltage Level of Service and metering. When metering is at Secondary Voltage Level of Service, both kilowatt billing demand and energy kilowatt-hours will be adjusted upward by one percent (1%) for billing purposes.

### OFF-PEAK METERING SURCHARGE:

Customers with billing demands less than one thousand kilowatts (1,000 kW) requesting metering devices to determine billing demands during off-peak periods shall be subject to an additional charge of twenty dollars (\$20.00) per month. No demands less than one thousand kilowatts (1,000 kW) shall be designated as off-peak unless the Customer has elected the metering surcharge option.

### **DETERMINATION OF KILOWATT BILLING DEMAND:**

The billing demand shall be the greatest thirty (30) minute integrated demand ascertained in kilowatts by instruments suitable for the purpose. Such billing demand shall be the greatest of the following:

1. Off-peak: Seventy-five percent (75%) of the greatest such demand occurring during the billing month, either within the period between 8:00 p.m. of one day and 8:00 a.m. the following day, or on any Saturday or Sunday, or on the following observed legal holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day or Christmas Day; or

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SCHEDULE E Page 75 of 1:

THE DAYTON POWER AND LIGHT COMPANY MacGregor Park 1065 Woodman Drive Dayton, Ohio 45432 Original Sheet No. D21 Page 3 of 3

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE PRIMARY-SUBSTATION

- 2. On-peak: One hundred percent (100%) of the greatest such demand occurring during the billing month at any time not within the period and not on the days specifically mentioned in paragraph 1 above; or
- 3. Seventy-five percent (75%) of the greatest of such off-peak or on-peak demand as used for billing in the months of June, July, August, December, January and February during the past eleven month period prior to the current billing month. Where a Customer's establishment contains two or more buildings with separate services, each service having a monthly demand of one thousand (1,000) kW or greater, served under this Tariff Sheet, and such buildings are separated by street, alley, or railroad right-of-way, and there is no other intervening property under separate ownership, the demand of all such accounts at coincident times shall be added together for the determination of this Paragraph 3.

### PRIMARY RATE PROVISION:

When the use of a Customer's load does not result in billing demands proportionate to the facilities installed the billing demand may be determined by taking eighty-five percent (85%) of such total connected load.

### TERM OF CONTRACT:

The Term of Contract shall be for a minimum period of one (1) year, or longer, but may be subject to cancellation by either party after the end of the contract period by ninety (90) days written notice.

### **RULES AND REGULATIONS:**

All Distribution Service of the Company is rendered under and subject to the Rules and Regulations contained within this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

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Original Sheet No. D22 Page 1 of 3

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE HIGH VOLTAGE

### **DESCRIPTION OF SERVICE:**

This Tariff Sheet provides the Customer with Distribution Service from the Company that will be metered and billed on a monthly customer charge basis.

### APPLICABLE:

Available for lighting and for power to all High Voltage Customers, provided that all electric service is supplied at one location on the Customer's premises.

Customers receiving electric service under the High Voltage Tariff Sheet prior to April 30, 1988 are required to receive service at High Voltage Level and to have monthly demands equal to or in excess of one thousand (1,000) kW for all electric service supplied to one location on the Customer's premises.

### **REQUIRED SERVICES:**

The Customer may take Generation Service from DP&L under Standard Service Tariff Sheet No. G15 and Transmission Service under Transmission Cost Recovery Rider — Bypassable Sheet No. T9. Otherwise, the Customer may choose an Alternate Generation Supplier ("AGS") for its Generation Service. If an AGS is chosen: (1) The AGS must sign a service agreement with the Company and abide by the terms of the Alternate Generation Supplier Coordination Tariff Sheet No. G8, and (2) Customer must take service under the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.

## RATE PER MONTH: Customer Charge: \$728.99 per Customer MINIMUM CHARGE: The Minimum Charge shall be the Customer Charge. ADDITIONAL RIDERS: Filed pursuant to the Opinion and Order in Case No. \_\_\_\_\_dated \_\_\_\_\_of the Public Utilities Commission of Ohio. Issued Effective

Original Sheet No. D22 Page 2 of 3

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE HIGH VOLTAGE

Service under this Tariff Sheet shall also be subject to the following riders:

Uncollectible Rider on Sheet No. D27.
Universal Service Fund Rider on Sheet No. D28.
Reconciliation Rider Nonbypassable on Sheet No. D29.
Storm Cost Recovery Rider on Sheet No. D30.
Regulatory Compliance Rider on Sheet No. D31.
Excise Tax Rider on Sheet No. D33.
Switching Fee Rider on Sheet No. D34.
Energy Efficiency Rider on Sheet No. D38.
Economic Development Rider on Sheet No. D39.

### PRIMARY VOLTAGE METERING:

The above rates are based upon Transmission Voltage Level of Service and metering. When metering is at Primary Voltage Level of Service, both the kilowatt billing demand and the energy kilowatt-hours will be adjusted upward by one percent (1%).

### **DETERMINATION OF KILOWATT BILLING DEMAND:**

The billing demand shall be a thirty (30) minute integrated demand ascertained by instruments suitable for the purpose and will be measured in kilowatts. Such billing demand shall be the greatest of the following:

- 1. Off-peak: Seventy-five percent (75%) of the greatest such demand occurring during the billing month, either within the period between 8:00 p.m. of one day and 8:00 a.m. the following day, or on any Saturday or Sunday, or on the following observed legal holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day or Christmas Day; or
- 2. On-peak: One hundred percent (100%) of the greatest such demand occurring during the billing month at any time not within the period and not on the days specifically mentioned in paragraph 1 above; or
- 3. Seventy-five percent (75%) of the greatest of such off-peak or on-peak demand as used for billing in the months of June, July, August, December, January and February during the past eleven month period prior to the current billing month. Where a Customer's establishment contains two or more buildings with separate services, each service having a monthly demand of ten thousand

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE HIGH VOLTAGE

(10,000) kW or greater (or one thousand (1,000) kW or greater for all customers receiving electric service under this Rate Sheet as of April 30, 1988), served under this Tariff Sheet, and such buildings are separated by street, alley, or railroad right-of-way, and there is no other intervening property under separate ownership, the demand of all such accounts at coincident times shall be added together for the determination of this Paragraph 3.

### **TERM OF CONTRACT:**

The Term of Contract shall be for a minimum period of one (1) year, or longer, to be determined by the construction costs necessary to supply the service contracted for, but subject to cancellation by either party after the contract period by ninety (90) days written notice.

### **RULES AND REGULATIONS:**

All Distribution Service of the Company is rendered under and subject to the Rules and Regulations contained in this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE PRIVATE OUTDOOR LIGHTING

### **DESCRIPTION OF SERVICE:**

This Tariff Sheet provides the Customer Distribution Service along with a lighting fixture for all-night outdoor lighting, billed on a customer charge and per fixture basis.

### APPLICABLE:

Available for all-night outdoor lighting service to any Customer for lighting of driveway and other outdoor areas on the Customer's premises, where such service can be supplied by the installation of lighting fixtures supplied directly from existing secondary circuits. All facilities shall be owned by the Company.

### **REQUIRED SERVICES:**

The Customer may take Generation Service from DP&L under Standard Service Tariff Sheet No. G16 and Transmission Service under Transmission Cost Recovery Rider – Bypassable Sheet No. T9. Otherwise, the Customer may choose an Alternate Generation Supplier ("AGS") for its Generation Service. If an AGS is chosen: (1) The AGS must sign a service agreement with the Company and abide by the terms of the Alternate Generation Supplier Coordination Tariff Sheet No. G8, and (2) Customer must take service under the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.

### **RATE PER MONTH:**

Customer Charge:

\$10.81 per Customer

Fixture Charge:	<u>kWh</u>
\$1.06 per lamp, 3,600 Lumens Light Emitting Diode (LED)	14
\$1.06 per lamp, 8,400 Lumens Light Emitting Diode (LED)	30
THE FOLLOWING FIXTURES ARE NOT AVAILABLE FOR	NEW INSTALLATIONS:
\$1.06 per lamp, 9,500 Lumens High Pressure Sodium	39
\$1.06 per lamp, 28,000 Lumens High Pressure Sodium	96
\$1.06 per lamp, 7,000 Lumens (Nominal) Mercury	75
\$1.06 per lamp, 21,000 Lumens (Nominal) Mercury	154
\$1.06 per lamp, 2,500 Lumens (Nominal) Incandescent	64
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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE PRIVATE OUTDOOR LIGHTING

\$1.06 per lamp, 7,000 Lumens (Nominal) Fluorescent 66 \$1.06 per lamp, 4,000 Lumens (Nominal) Post Top Mercury 43

The Fixture Charge shall include a lamp with lumenaire, controlled automatically, and where needed an upsweep arm not over six (6) feet in length, on an existing pole, where service is supplied from existing secondary facilities of the Company. The four thousand (4,000) Lumens Post Top Mercury Fixture Charge for underground service only, shall include a post for twelve (12) foot mounting height.

### **POLE CHARGES:**

If a lamp is installed on an existing pole, the Pole Charge shall be included in the Fixture Charge of the applicable lamp. The Pole Charge for each additional standard wood pole shall be \$1.33 per month for each additional pole installed. If a Customer desires an Ornamental Pole, the Pole Charge shall be \$1.33 per month for each Ornamental Pole installed. The Company, at its discretion, reserves the right to refuse to install poles for new installations.

### AERIAL SERVICE:

Secondary aerial spans shall be supplied, where necessary, for an additional charge of \$0.60 net per month, per span.

### UNDERGROUND SERVICE:

Underground service will be provided, where requested, for an additional charge of \$0.60 net per month, per one hundred (100) trench feet or fraction thereof. The Customer shall provide all trenching and backfilling to accommodate the Company's underground conductors according to Company specifications.

### ADDITIONAL RIDERS:

Service under this Tariff Sheet shall also be subject to the following riders:

Uncollectible Rider on Sheet No. D27.
Universal Service Fund Rider on Sheet No. D28.
Reconciliation Rider on Sheet No. D29.
Storm Cost Recovery Rider on Sheet No. D30.
Regulatory Compliance Rider on Sheet No. D31.
Excise Tax Rider on Sheet No. D33.
Switching Fee Rider on Sheet No. D34.

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Original Sheet No. D23 Page 3 of 3

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE PRIVATE OUTDOOR LIGHTING

Energy Efficiency Rider on Sheet No. D38. Economic Development Cost Recovery Rider on Sheet No. D39.

The fixture energy (kWh) listed above is the average monthly usage for each lamp and shall be used for determining the charges for the above riders.

### TERM OF CONTRACT:

For a fixed term of not less than two (2) years, and for such time thereafter until terminated by either party giving thirty (30) days written notice to the other.

### **SERVICES PROVIDED:**

The Company will maintain the equipment and replace defective lamps. All service and necessary maintenance will be performed only during the regular scheduled working hours of the Company. The Company does not guarantee continuous lighting and shall not be liable to the Customer or anyone else for any damage, loss or injury resulting from any interruption in such lighting due to any cause.

All lamps shall burn from dusk to dawn, burning approximately four thousand (4,000) hours per annum.

### **RULES AND REGULATIONS:**

All Distribution Service of the Company is rendered under and subject to the Rules and Regulations contained within this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

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THE DAYTON POWER AND LIGHT COMPANY MacGregor Park 1065 Woodman Drive Dayton, Ohio 45432 Original Sheet No. D24 Page 1 of 1

P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RESERVED

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE STREET LIGHTING

### **DESCRIPTION OF SERVICE:**

This Tariff Sheet provides Distribution Service from the Company that will be billed on an energy and monthly customer charge basis.

### APPLICABLE:

Available for the furnishing of energy only for the all-night outdoor lighting of streets, highways, parks, and other public places.

### **REQUIRED SERVICES:**

The Customer may take Generation Service from DP&L under Standard Service Tariff Sheet No. G18 and Transmission Service under Transmission Cost Recovery Rider – Bypassable Sheet No. T9. Otherwise, the Customer may choose an Alternate Generation Supplier ("AGS") for its Generation Service. If an AGS is chosen: (1) The AGS must sign a service agreement with the Company and abide by the terms of the Alternate Generation Supplier Coordination Tariff Sheet No. G8, and (2) Customer must take service under the Competitive Retail Generation Service Tariff Sheet No. G9. All Customers are required to take service under Tariff Sheet No. T8 of the Transmission Schedule.

RATE PER MONTH:	
Customer Charge:	
\$8.60 per Customer	
Energy Charge:	
\$0.0173212 per kWh	
ADDITIONAL RIDERS:	
Service under this Tariff Sheet shall also be subject to the	e following riders:
Uncollectible Rider on Sheet No. D27. Universal Service Fund Rider on Sheet No. D28. Reconciliation Rider Nonbypassable on Sheet No. D29. Storm Cost Recovery Rider on Sheet No. D30.	
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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE STREET LIGHTING

Regulatory Compliance Rider on Sheet No. D31. Excise Tax Rider on Sheet No. D33. Switching Fee Rider on Sheet No. D34. Energy Efficiency Rider on Sheet No. D38. Economic Development Rider on Sheet No. D39.

### **DETERMINATION OF ENERGY USAGE:**

Concurrent with the effective date of this tariff, the Company will require all new street lighting service requests to be metered pursuant to the Company's tariff No. D7, Meters and Metering Equipment – Location and Installation.

Existing unmetered Street Lighting customers that elect to continue unmetered service under this tariff must comply with the following:

- I. Provide the Company with written validation of the type of usage, quantities and characteristics of service within 6 months of the effective date of this tariff
- II. Provide the Company with written validation of type and quantity of service annually

For those customers that elect to maintain unmetered Street Lighting service, the following list shows the monthly kWh for selected street light fixtures that will be used to determine the kWh's billed. For any fixture owned and maintained by the Customer that is not included below, the monthly kWh will be determined by multiplying the input wattage of the fixture, including lamp and ballast, times three hundred and thirty-three and three tenths (333.3) hours use. The input wattage of the fixture shall be mutually agreed upon between the Company and the Customer.

	MONTHLY
HIGH PRESSURE SODIUM	<u>kWh</u>
70 Watt (5,800 Lumen)	28
100 Watt (9,500 Lumen)	39
150 Watt (16,000 Lumen)	57
250 Watt (27,000 Lumen)	104
400 Watt (50,000 Lumen)	162
500 Watt (54,000 Lumen)	208
650 Watt (77,000 Lumen)	266
800 Watt (100,000 Lumen)	324

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE STREET LIGHTING

MERCURY  100 Watt (4,000 Lumen)  175 Watt (7,700 Lumen  250 Watt (11,000 Lumen  400 Watt (21,000 Lumen)  1,000 Watt (54,000 Lumen)	MONTHLY kWh  42  70  97  153  367
INCANDESCENT	
103 Watt (1,000 Lumen)	34
202 Watt (2,500 Lumen)	67
327 Watt (4,000 Lumen)	109
448 Watt (6,000 Lumen)	149
FLUORESCENT	
70 Watt (2,800 Lumen)	32
85 Watt (5,000 Lumen)	39
120 Watt (7,000 Lumen)	59
220 Watt (12,000 Lumen)	89
320 Watt (22,000 Lumen)	160
640 Watt (44,000 Lumen)	320

### **POINT OF DELIVERY:**

The point of delivery shall be at the point where the Customer's street lighting facilities attach to the Company's existing secondary distribution system. All points of delivery shall be at a level which will allow the Company to maintain all necessary code clearances for Company owned facilities. All facilities beyond the point of delivery are to be furnished and maintained by the Customer. The Customer may be required to furnish electrical protection devices. If such devices are required, they must meet all applicable electric code requirements.

### **REQUEST FOR SERVICE:**

The Customer shall request service for each streetlight or group of streetlights to be served under the Street Lighting Tariff. Each request shall include the size, type, specific location and number of fixtures to be served. The Company shall promptly determine if the requested service can be served from the existing secondary distribution system and if so, shall promptly notify the Customer of the location(s) of the point(s) of delivery. The Customer shall notify the Company

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THE DAYTON POWER AND LIGHT COMPANY MacGregor Park 1065 Woodman Drive Dayton, Ohio 45432 Original Sheet No. D25 Page 4 of 4

### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE STREET LIGHTING

promptly of any changes in fixture load served under the Street Lighting Tariff including, but not limited to, replacement of fixtures with a different size or type, replacement of ballast or lamp with a different size and any changes in the number of fixtures. In the event the Customer fails to notify the Company of a change in fixture load, the Company reserves the right to refuse to serve the location thereafter under this Tariff Sheet, and shall be entitled to bill the Customer retroactively on the basis of any change in fixture load for the full period the load was connected. If the Company exercises its right to refuse service under this Tariff Sheet and requires that the service be under a metered Distribution Service rate, then the Customer shall provide the facilities for the installation of a meter.

### CONTACTING COMPANY POLES AND STANDARDS:

Any and every contact of a Company-owned pole by the Customer for the purpose of providing street lighting will be billed in accordance with and governed by the Company's Pole Attachment Tariff as filed with the Public Utilities Commission of Ohio. The Company will not own and maintain poles who sole purpose is to provide contacts for street light facilities.

### **RULES AND REGULATIONS:**

All Distribution Service of the Company is rendered under and subject to the Rules and Regulations contained in this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE MISCELLANEOUS SERVICE CHARGES

CUSTOMER SERVICES	CHARGE
Electric Meter Testing Charge	\$54.00
Remote Meter Installation Charge	\$120.00
Engineering Studies	\$64.00 per hour based on the engineering hours worked.
Investigation Fees Ordinary Investigation Fee Extensive Investigation Fee	\$125.00 \$15.00 per hour based on the number of hours worked and manpower used.
Reconnection Charge Reconnection of the Meter Reconnection at the Service Line	\$25.00 \$84.00
Service Trip Charge	\$22.00
Collection Charge	\$16.00
Returned Check Charge	\$15.00
Hard Copy Historical Customer Usage Data: The Company requires Custo historical customer usage data. For historical customer usage data the follow	
Up to twenty-four (24) months of monthly kW and/or kWh data Twenty-five to thirty-six (25-36) months of monthly kW and/or kWh data Greater than thirty-six (36) months of monthly kW and/or kWh data One (1) month of Hourly Load Data (where available) Twelve months of Hourly Load Data (where available)	No Charge \$16.50 per account per request \$32.25 per account per request \$25.00 per account per request \$150.00 per account per request
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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE UNCOLLECTIBLE RIDER

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The.	Lincol	lectible	Rider recover	e the ev	nencec	heterangee.	With non.	-navment (	ነተ 🗚	dectro-	CATTICA
111	OHOU	ICCUOIC	TOTAL TOTAL TOTAL	s uic ca	POLISOS	associated	ALTITI HOTE	- Dayillolli (	,, ,	1001110	SCI VICC.

The Onconectione Rider recovers the expenses associated with hon-pay	inent of electric s	ici vice,
APPLICABLE:		
This Rider will be assessed on all kilowatt-hours (kWh) of electricity, e beginningon all Customers served under the Ele Sheets D17-D25 based on the following rates.		
<u>CHARGES:</u>		
Residential	\$0.0007506	/kWh
Residential Heating	\$0.0007506	/kWh
Secondary	\$0.0003131	/kWh
Primary	\$0.0003131	/kWh
Primary Substation	\$0.0003131	/kWh
High Voltage	\$0.0003131	/kWh
Street Lighting	\$0.0003131	/kWh
Private Outdoor Lighting		
3,600 Lumens Light Emitting Diode (LED)	\$0.0043834	/lamp/month
8,400 Lumens Light Emitting Diode (LED)	\$0.0093930	/lamp/month
9,500 Lumens High Pressure Sodium	\$0.0122109	/lamp/month
28,000 Lumens High Pressure Sodium	\$0.0300576	/lamp/month
7,000 Lumens Mercury	\$0.0234825	/lamp/month
21,000 Lumens Mercury	\$0.0482174	/lamp/month
2,500 Lumens Incandescent	\$0.0200384	/lamp/month
7,000 Lumens Fluorescent	\$0.0206646	/lamp/month
4,000 Lumens PT Mercury	\$0.0134633	/lamp/month
All modifications to the Uncollectible Rider are subject to Commission	approval.	

### **TERMS AND CONDITIONS:**

The Uncollectible Rider rates charged under this Tariff Sheet are updated on an annual basis.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE UNIVERSAL SERVICE FUND RIDER

The Universal Service Fund Rider shall be assessed on all kilowatt-hours (kWh) of electricity distributed under this Schedule at the rates stated below, effective on a bills-rendered basis in the Company's first cycle billing unit for the month of January 2015.

\$0.0022928 per kWh for the first 833,000 kWh \$0.0005700 per kWh for all kWh over 833,000 kWh

The Universal Service Fund is a statewide program which was established under Section 4928.51 of the Ohio Revised Code to be implemented by the Director of Development. The purpose of the fund is to provide qualified Low-Income Customers in Ohio with income-based bills and energy efficiency education programs.

The Universal Service charge for electric service as required by Distribution Tariff Sheets contained in this Schedule shall be the product of the billing kWh and the Universal Service Fund Rider.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE RECONCILIATION RIDER NONBYPASSABLE

### **DESCRIPTION:**

The Reconciliation Rider Nonbypassable (RR-N) recovers the deferred balances that exceed 10 percent of the base amount of riders FUEL (Tariff Sheet No. G28), RPM (Tariff Sheet No. G27), AER (Tariff Sheet No. G26), and CBT (Tariff Sheet No. G30).

### APPLICABLE:

This Rider will be assessed on a bills-rendered basis beginning June 1, 2015 on all Customers served under the Electric Distribution Service Tariff Sheets D17-D25 based on the following rates.

### **CHARGES**:

All Customers		
Energy Charge (All kWh)	\$0.0003910	/kWh
Private Outdoor Lighting		
3,600 Lumens Light Emitting Diode (LED)	\$0.0054740	/lamp/month
8,400 Lumens Light Emitting Diode (LED)	\$0.0117300	/lamp/month
9,500 Lumens High Pressure Sodium	\$0.0152490	/lamp/month
28,000 Lumens High Pressure Sodium	\$0.0375360	/lamp/month
7,000 Lumens Mercury	\$0.0293250	/lamp/month
21,000 Lumens Mercury	\$0.0602140	/lamp/month
2,500 Lumens Incandescent	\$0.0250240	/lamp/month
7,000 Lumens Fluorescent	\$0.0258060	/lamp/month
4,000 Lumens PT Mercury	\$0.0168130	/lamp/month

All modifications to the RR-N are subject to Commission approval.

### TERMS AND CONDITIONS:

The RR-N rates charged under this Tariff Sheet are updated on a seasonal quarterly basis.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE STORM COST RECOVERY RIDER

### **DESCRIPTION:**

The Storm	Cost Reco	very Rider i	s intended t	o compensate	DP&L:	for certain	costs relate	d to r	estoring
service an	d repairing	distribution	facilities as	a result of ma	aior stori	ms that the	Company	exper	iences.

service and repairing distribution facilities as a result of major storms that the Company experiences.			
APPLICABLE:			
This rider will be assessed per tariff class at the ra	ates stated belov	v on a bills reno	lered basis beginning
<u>CHARGES:</u>			
Residential		\$0.00	/ month
Residential Heating		\$0.00	/ month
Secondary		\$0.00	/ month
Primary		\$0.00	/ month
Primary Substation		\$0.00	/ month
High Voltage		\$0.00	/ month
Private Outdoor Lighting		\$0.00	/ month
Street Lighting		\$0.00	/ month
TERMS AND CONDITIONS:			
The Storm Cost Recovery Rider rates charged un	der this Tariff S	heet will be up	dated on an annual basis
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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE REGULATORY COMPLIANCE RIDER

### **DESCRIPTION:**

The Regulatory Compliance Rider (RCR) recovers the costs associated with costs incurred by the Company
due to issues outside the Company's control; uncontrollable and unforeseen legislation, Administrative
Code changes, and/or Commission Orders. These costs are atypical and infrequent in nature.

The Regulatory Compliance Rider (RCR) recovers the costs associated with costs incurred by the Compandue to issues outside the Company's control; uncontrollable and unforeseen legislation, Administrative Code changes, and/or Commission Orders. These costs are atypical and infrequent in nature.					
APPLICABLE:					
This Rider will be assessed on each monthly bill, effective on a bills-rendered basis beginning on all Customers served under the Electric Distribution Service Tariff Sheets D17-D25 based on the following rates.					
<u>CHARGES:</u>					
Residential Residential Heating Secondary Primary Primary Substation High Voltage Street Lighting Private Outdoor Lighting	\$1.08 / month \$1.08 / month \$4.10 / month \$4.10 / month \$4.10 / month \$4.10 / month \$4.10 / month \$4.30 / month				
All modifications to the RCR are subject to Commission approval.					
TERMS AND CONDITIONS:					
The Regulatory Compliance Rider rates charged under thi	s tariff shall be updated periodically.				
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THE DAYTON POWER AND LIGHT COMPANY MacGregor Park 1065 Woodman Dr. Dayton, Ohio 45432

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE EXCISE TAX SURCHARGE RIDER

In accordance with Section 5727.81 (A) of the Ohio Revised Code, an Excise Tax Surcharge shall be assessed to all non-federal government customers on all monthly billing kWh (kilowatt-hours) of electricity distributed or as a monthly fixed charge rate under this Schedule at the rates stated below.

Residential, Residential Heating, Primary-Substation, High	voltage, Sch	ool, and Street Lighting
0-2,000 kWh consumed	\$0.00465	/ kWh
2,001 – 15,000 kWh consumed	\$0.00419	/ kWh
Over 15,000 kWh consumed	\$0.00363	/ kWh
Secondary and Primary		
0-2,000 kWh consumed	\$0.00465	/ kWh
2,001 - 15,000 kWh consumed	\$0.00419	/ kWh
Over 15,000 kWh consumed	\$0.00363	/ kWh
Private Outdoor Lighting		
3,600 Lumens Light Emitting Diode (LED)	\$0.06510	/month
8,400 Lumens Light Emitting Diode (LED)	\$0.13950	/month
0.500 Lymana High Bassayan Cadiyan	en 19125	/ on th
9,500 Lumens High Pressure Sodium	\$0.18135	/ month
28,000 Lumens High Pressure Sodium	\$0.44640	/ month
7,000 Lumens Mercury	\$0.34875	
21,000 Lumens Mercury	\$0.71610	/ month
2,500 Lumens Incandescent	\$0.29760	/ month
7,000 Lumens Fluorescent	\$0.30690	/ month
4,000 Lumens Post Top Mercury	\$0.19995	/ month

Commercial and Industrial consumers that are exempt from this tax under Section 5727.81 (C) of the Ohio Revised Code must register with the Company prior to being released from payment of this surcharge.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE SWITCHING FEE

### APPLICABLE:

All Customers who take Distribution service from the Company are subject to the following terms, conditions and rates regarding switching Alternate Generation Suppliers ("AGS").

### SWITCHING TO AN ALTERNATE GENERATION SUPPLIER

Once a Customer has selected an AGS, and the AGS has notified the Company in accordance with established business procedures, service will become effective on the Customer's next scheduled meter reading date unless other arrangements are made between the Customer or AGS and the Company. A Customer receiving generation from an AGS will automatically be transferred to the Company's Competitive Retail Generation Service Tariff, Sheet No. G9. The Company shall not prohibit Customer switching from one AGS to another under established business protocols.

### CONFIRMATION OF SWITCH

When the Company receives a request to switch to a new AGS, they will send confirmation of the change to the Customer, and electronic notices to the new AGS and the previous AGS. The confirmation letter to the Customer will include the following language:

This letter confirms that a request has been received to change your electric generation supplier under DP&L's Electric Choice Program. This change will be effective with the scheduled meter reading on (date). Under this program, you will purchase your electric generation from (AGS's name) and DP&L will continue to deliver the energy through facilities owned and serviced by DP&L.

The Customer's notice will also include the right to rescind. If, after receipt of a confirmation letter, a Customer contacts the Company indicating that he/she does not want to switch to the AGS listed in the confirmation letter, the Company will give the Customer a rescission identification number and inform the Customer that they will automatically be returned to their previous AGS without any interruption of service.

If sufficient time is available and it is practicable, the Company will attempt to inform the Customer of a switch in AGS prior to the switch occurring, but cannot guarantee that the Customer will receive such letter before the switch is made. It shall be the responsibility of the Customer and his or her respective AGS to settle disputes regarding energy supplied on the Customer's behalf.

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THE DAYTON POWER AND LIGHT COMPANY MacGregor Park
1065 Woodman Dr.
Dayton, Ohio 45432

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE SWITCHING FEE

### AUTHORIZATION TO SWITCH TO AN ALTERNATE GENERATION SUPPLIER

The AGS shall coordinate Customer enrollment with the Company in accordance with the procedures set forth in the Alternate Generation Supplier Coordination Tariff, Sheet No. G8. The AGS shall provide notification of the switch request to the Company utilizing standard business protocols before the switch is effectuated. The Company will charge a switching fee of five dollars (\$5) for every switch to an AGS.

### RETURNING TO THE STANDARD OFFER

A Customer may at any time return to the Company's applicable Standard Offer Tariff for Generation Service. In the event that a Customer returns to Standard Offer due to default, abandonment, slamming or certification rescission of their AGS, the Customer will be automatically returned to the applicable Standard Offer Tariff.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE INTERCONNECTION SERVICE

### **DESCRIPTION OF SERVICE:**

This Tariff Sheet provides the terms, conditions and fees for the Interconnection of electric distributed generation facilities to the Company's Distribution System.

### APPLICABLE:

Applicable in the entire territory where DP&L P.U.C.O. No. 18 applies, this Tariff Sheet applies to those situations where a Service Customer seeks to physically connect its electric distributed generation facility to, and may operate it in parallel with, the Company's Distribution System.

### PURPOSE:

The purpose of this Tariff Sheet is to implement Ohio Revised Code Section 4928.11, which calls for uniform interconnection standards that are not unduly burdensome or expensive and also ensure safety and reliability of the Company's Distribution System. This Tariff Sheet contains the terms and conditions that govern the Interconnection and Parallel Operation of an Interconnection Service Customer's facility with the Company's Distribution System.

### **DEFINITIONS:**

- (A) "Applicant" means the person requesting interconnection service and may be any of the following:
  - (1) A customer generator as defined by division (A)(29) of section 4928.01 of the Revised Code.
  - (2) A self-generator as defined by division (A)(32) of section 4928.01 of the Revised Code.
  - (3) The owner or operator of distributed generation as defined in paragraph (K) of this rule.
- (B) "Application" means a request to an electric distribution utility (EDU) using the format set forth on the web site of the public utilities commission of Ohio for interconnection of distributed generation to the electric distribution system owned by the EDU.
- (C) "Area network" means a type of electric distribution system served by multiple transformers interconnected in an electrical network circuit, which is generally used in large metropolitan areas that are densely populated, in order to provide highly reliable service. Area network has the same meaning as the term "distribution secondary grid network" found in institute of electrical and electronics engineers (IEEE) standard 1547 sub clause 4.1.4.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE INTERCONNECTION SERVICE

- (D) "Automatic sectionalizing device" means any self-contained, circuit-opening device used in conjunction with a source-side protective device, which features automatic reclosing capability.
- (E) "Backup electricity supply" means replacement electric power supplied to an applicant by the EDU at a tariff rate or alternatively, as a market-based option or by a competitive retail electric service provider of the applicant's choice at a rate to be determined between the provider and the applicant.
- (F) "Business Day" means any day which is not a Saturday, Sunday, or legal holiday.
- (G) "Calendar Day" means any day, including Saturday, Sunday, and legal holidays.
- (H) "Commission" means the public utilities commission of Ohio.
- (I) "Competitive retail electric service" means a component of retail electric service that is competitive as provided under division (B) of section 4928.01 of the Revised Code.
- (J) "Cost recovery" means collection, upon approval by the commission pursuant to its authority under section 4909.15 of the Revised Code, of such documented EDU interconnection costs that are incurred at reasonable levels for prudent purposes and that are over and above the review processing fees set forth in rules 4901:1-22-06 to 4901:1-22-08 of the Administrative Code.
- (K) "Distributed generation" is a general term for all or part of a system of a distributed electrical generator or a static inverter either by itself or in the aggregate of twenty megawatts or less in size together with all protective, safety, and associated equipment installed at a point of common coupling on the EDU's distribution system in close proximity to the customer load.
- (L) "Electric distribution utility" or (EDU) means an electric distribution utility, which is an investorowned electric utility that owns and operates a distribution wires system and supplies at least retail electric distribution service.
- (M) "Equipment package" means distributed generation facility assembled to include not only a generator or electric source but related peripheral devices that facilitate operation of the distributed generation.
- (N) "Expedited procedure" means a review process for certified distributed generation that passes a certain prespecified review procedure, has a capacity rating of two megawatts or less, and does not qualify for simplified procedures.
- (O) "Interconnection" means the physical connection of the applicant's facilities to the EDU's system for the purpose of electrical power transfers.

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- (P) "Interconnection point" means the point at which the applicant's distributed generation facility physically connects to the EDU's system.
- (Q) "Interconnection service" means the services provided by an EDU or transmission provider for the applicant's distributed generation facility.
- (R) "Line section" means either that portion of an EDU's electric system connected to a customer bounded by automatic sectionalizing devices, the end of the distribution line, or a line segment identified as appropriate for study by a utility engineer.
- (S) "Minor modification" to an interconnection application means a change in the technical characteristics that improves the reliability, safety and compatibility of the interconnection with the electric distribution system while not materially increasing the size or cost of the intended distributed generation facility installation.
- (T) "Parallel operation with the EDU's system" means all electrical connections between the applicant's distributed generation facility and the EDU's system that are capable of operating in conjunction with each other.
- (U) "Point of common coupling" means the point which the distributed generation facility is connected to the EDU's system.
- (V) "Reliability" means the degree of performance of the elements of the electric system that results in electricity being delivered to and from an applicant in the amount desired while avoiding adverse effects on the adequacy and security of the electric supply, defined respectively as:
  - (1) The ability of the electric system to supply the aggregate electrical demand and energy requirements at all times, taking into account scheduled and unscheduled outages of system elements.
  - (2) The ability of the electric system to withstand sudden disturbances such as electric short circuits or unanticipated loss of system elements.
- (W) "Retail electric service provider" means any entity in this state that provides retail electric service as defined by division (A)(27) of section 4928.01 of the Revised Code.
- (X) "Sale for resale" means a sale of energy to an energy supplier, electric utility or a public authority for resale purposes.
- (Y) "Scoping meeting" means a meeting between representatives of the applicant and the EDU conducted for but not limited to the following purposes:

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE INTERCONNECTION SERVICE

- (1) To discuss alternative interconnection options.
- (2) To exchange information including any electric distribution system data and earlier study evaluations that would be expected to impact such interconnection options.
- (3) To analyze such information.
- (4) To determine the potential points of common coupling.
- (Z) "Simplified procedures" means a review process for interconnection of inverter-based distributed generation twenty-five kilowatts or less in size on a radial or spot network system under certain conditions.
- (AA) "Standard procedure" means a review process for interconnection of any generating facility(s) that has a power rating of twenty megawatts or less, not qualifying for either simplified or expedited interconnection review processes.
- (BB) "Spot network," as defined by IEEE standard 1547 sub clause 4.1.4, means a type of electric distribution system that uses two or more inter-tied transformers to supply an electrical network circuit and is generally used to supply power to a single customer or a small group of customers.

### **INDUSTRY STANDARDS:**

The safety and performance standards established by the institute of electrical and electronics engineers (IEEE), the underwriters laboratory (UL), and the National Electric Code (NEC), as included in this chapter by reference, and as required consistent with division (B)(4) of section 4928.67 of the Revised Code, shall be the effective version at the time the applicant applies for interconnection.

### **GENERAL PROVISIONS:**

### (A) Prohibitions

- (1) In accordance with the EDU's code of conduct adopted pursuant to section 4928.17 of the Revised Code, an EDU or its affiliates shall not use, without the customer's consent, such knowledge of proposed interconnection service to prepare competing proposals to the interconnection service that offer either discounted rates in return for not providing the interconnection service or competing generation.
- (2) No EDU shall reject, penalize, or discourage the use or development of new technology for interconnection service in accordance with division (A) of section 4928.11 of the Revised Code.

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### (B) Pre-Application

- (1) The EDU will designate an employee or office from which information on the requirements for EDU's application review process can be obtained through an informal request by the applicant that includes discussion of the following:
  - (a) The applicant's proposed interconnection of a distributed generation facility at a specific location on the EDU's distribution system.
  - (b) Qualifications under EDU's level 1, level 2 or level 3 review procedures.
- (2) In addition to the information described in Subsection (1), which may be provided in response to an informal request, an applicant may submit a formal request along with a non-refundable processing fee of \$300 for a preapplication report on a proposed project at a specific site. The EDU shall provide the pre-application data described in Subsection (3) to the applicant within ten business days of receipt of the written request and payment of the \$300 processing fee.
- (3) The pre-application report will include the following information:
  - (a) Total generation capacity (in megawatts) of substation/area bus, bank or circuit based on normal or operating ratings likely to serve the proposed site.
  - (b) Existing aggregate generation capacity (in megawatts) interconnected to a substation/area bus, bank or circuit, which is the online amount of generation, likely to serve the proposed site.
  - (c) Aggregate queued generation capacity (in megawatts) for a substation/area bus, bank or circuit, which is the amount of generation in the queue likely to serve the proposed site.
  - (d) Available generation capacity (in megawatts) of substation/area bus or bank and circuit most likely to serve the proposed site, which is the total capacity less the sum of existing aggregate generation capacity and aggregate queued generation capacity.
  - (e) Substation nominal distribution voltage and/or transmission nominal voltage, if applicable.
  - (f) Nominal distribution circuit voltage at the proposed site.
  - (g) Approximate circuit distance between the proposed site and the substation.
  - (h) Relevant line section(s) peak load estimate, and minimum load data, when available.

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### P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE INTERCONNECTION SERVICE

- (i) Number and rating of protective devices and number and type (standard, bi-directional) of voltage regulating devices between the proposed site and the substation/area. Identify whether substation has a load tap changer.
- Number of phases available at the site.
- (k) Limiting conductor ratings from the proposed point of interconnection to the distribution substation.
- (1) Based on the proposed point of interconnection, existing or known constraints such as, but not limited to, electrical dependencies at that location, short circuit interrupting capacity issues, power quality or stability issues on the circuit, capacity constraints, or secondary networks.
- (4) The pre-application report need only include pre-existing data. A pre-application report request does not obligate the EDU to conduct a study or other analysis of the proposed generator in the event that data is not readily available. If the EDU cannot complete some of a preapplication report due to lack of available data, the EDU shall provide the applicant with a pre-application report that includes the data that is available.

### (C) Application processing

- (1) EDUs shall process all applications for interconnection service and parallel operation with the EDU's system in a nondiscriminatory manner and in the order in which they are received.
- (2) Where minor modifications to a pending application are required during the EDU's review of the application, such minor modifications shall not require a new or separate application to be filed by the applicant.
- (3) When an application is submitted, the EDU shall determine whether the application is complete and provide the applicant with a written or email notice of receipt within ten business days after the application has been received.
- (4) If the EDU determines that the application is complete, the EDU shall issue a notice of receipt with the following:
  - (a) A copy of the applicable review process.
  - (b) A target date for processing the application.
- (5) If the EDU determines that the application is incomplete, the EDU shall issue a notice of receipt with the following:

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## P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE INTERCONNECTION SERVICE

- (a) A copy of the application review process.
- (b) A checklist or description of the information needed to complete the application.
- (c) A statement that processing the application cannot begin until the needed information is received.
- (6) Upon receiving any necessary application materials missing from the original application, the EDU shall provide the applicant with a second, written or email notice establishing a target date for processing the application.
- (7) If an EDU determines that it cannot connect the applicant's facility within the time frames stated in this chapter, it will notify the applicant in writing of that fact within ten business days after the application has been received. The notification must include the following:
  - (a) The reason or reasons interconnection service could not be performed within the time frames stated in this rule.
  - (b) An alternative date for interconnection service.
- (D) Compliance with national industry standards

An EDU shall file tariffs for uniform interconnection service with the commission that are consistent with the following:

- (1) The institute of electric and electronics engineers 1547 standard, effective as set forth in rule 4901:1-22-03 of the Administrative Code.
- (2) Underwriters laboratory 1741 standard for inverters, converters, and controllers for use in independent power systems, effective as set forth in rule 4901:1-22-03 of the Administrative Code.
- (3) The appropriate criteria and interconnection parameters for the customer's technology, so as not to impose technical and economic barriers to new technology or the development, installation, and interconnection of an applicant's facilities, pursuant to division (A) of section 4928.11 of the Revised Code.
- (E) Metering

Any metering installation, testing, or recalibration performed by the EDU at the request of the applicant for installation of the applicant's distributed generation facility shall be provided consistent with the electric service and safety standards pursuant to Chapter 4928. of the Revised

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## P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE INTERCONNECTION SERVICE

Code, and rule 4901:1-10-05 and, as applicable, paragraph (C) of rule 4901:1-10-28 of the Administrative Code. Interconnection requested by the applicant for the purposes of net metering must follow the commission's net metering rules promulgated pursuant to division (A)(31) of section 4928.01 of the Revised Code. Any exception to the net metering rules shall be implemented in accordance with any special metering or communication infrastructure ordered by the commission.

- (F) Disposal of excess energy produced by the applicant's distributed generation
  - (1) An applicant proposing to install a self-generator as defined in division (A)(32) of section 4928.01 of the Revised Code for the purposes of selling excess electricity to retail electric service providers as a competitive service to the extent not preempted by federal law must first seek certification of managerial, technical and financial capability consistent with section 4928.08 of the Revised Code.
  - (2) An applicant requesting interconnection for the purpose of selling energy to any party as a sale for resale or as a wholesale transaction may be subject to applicable rules for regional interstate sales at wholesale prices in markets operated by independent transmission system operators or regional transmission operators under the jurisdiction of the federal energy regulatory commission.
- (G) Construction or system upgrades of the EDU's system
  - (1) Where construction or system upgrades of the EDU's system are required by the applicant's installation of a distributed generation facility, the EDU shall provide the applicant with an estimate of the timetable and the applicant's cost for the construction or system upgrades, consistent with the provisions of this chapter.
  - (2) All construction or distribution system upgrade costs shall be the responsibility of the interconnection applicant.
  - (3) If the applicant desires to proceed with the construction or system upgrades, the applicant and EDU shall enter into a contract for the completion of the construction or system upgrades.
  - (4) All construction and system upgrade cost estimates and invoices shall be itemized and clearly explained.
  - (5) Interconnection service shall take place no later than two weeks following the completion of such construction or system upgrades.

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## P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE INTERCONNECTION SERVICE

### APPLICATION REQUIREMENTS FOR THE INTERCONNECTION:

## (A) Application forms

- (1) Each applicant for interconnection to an EDU's system shall complete either of the following:
  - (a) A "short form" application for interconnection of distributed generators that are twenty-five kilowatts or less and utilize equipment that is certified in compliance with IEEE 1547 standard and UL 1741 standard, as set forth in rule 4901:1-22-03 of the Administrative Code.
  - (b) A standard application for interconnection of generation equipment that does not qualify for a "short form" application.
- (2) The application form shall follow the format and content set forth on the commission's website, and must be submitted to the EDU from which the applicant receives retail electric distribution service. Application forms will be available from the applicant's local EDU. The applicant's completed application form should not be sent to the commission for the purposes of review and approval.
- (3) The applicant also is advised to refer to the "applicant's checklist" found on the commission website to determine whether to complete the "short form" or the standard form to request interconnection service.

## (B) Certified equipment

- (1) Each applicant shall provide the EDU a description of the applicant's distributed generation equipment package that is consistent with the following:
  - (a) An applicant's equipment package shall be considered certified for interconnected operation if it has been:
    - (i) Submitted by a manufacturer to a nationally recognized testing laboratory for certification.
    - (ii) Type-tested consistent with the institute of electrical and electronics engineers 1547.1 standard, effective as set forth in rule 4901:1-22-03 of the Administrative Code.
    - (iii) Listed by a nationally recognized testing and certification laboratory for continuous interactive operation with a utility grid in compliance with the applicable codes and standards listed in rule 4901:1-22-03 of the Administrative Code.

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- (b) Certified equipment does not include equipment provided by the EDU.
- (C) Equipment packages
  - (1) An applicant's equipment package shall include the following:
    - (a) All interface components including switchgear, inverters, or other interface devices.
    - (b) An integrated generator or electric source.
    - (c) Access for the EDU for commissioning purposes.
    - (d) A schedule for periodic compliance testing.
  - (2) If the applicant's equipment package includes only the interface components (switchgear, inverters, or other interface devices), then the applicant must show in writing that the generator or electric source to be used with the equipment package meets the following criteria:
    - (a) Compatibility with the equipment package.
    - (b) Consistency with the testing and listing specified for the package.
  - (D) Disconnect switch

A disconnect switch provided, installed by, and paid for by the applicant, whether or not it is an integrated feature of the equipment package or a compatible external device, must meet the following criteria:

- (1) The applicant's disconnect switch must be capable of isolating the distributed generation facility for the purposes of safety during EDU system maintenance and during emergency conditions.
- (2) If the applicant's disconnect switch is external to the equipment package, it must be accessible to and lockable by the EDU personnel at either the primary voltage level, which may include load-break cutouts, switches and elbows, or the secondary voltage level, which may include a secondary breaker or switch.
- (3) The applicant's disconnect switch must be clearly labeled as a distributed generation facility disconnect switch.
- (E) Solar equipment

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In the case of solar equipment, the photovoltaic power source shall be clearly labeled in accordance with the requirements of the National Electric Code article 690, effective as set forth in rule 4901:1-22-03 of the Administrative Code, to identify the following:

- (1) Operating current (system maximum-power current).
- (2) Operating voltage (system maximum-power voltage).
- (3) Maximum system voltage.
- (4) Short-circuit current.
- (F) The EDU's review processing fees
  - (1) Each applicant shall pay the EDU's interconnection fees in accordance with the EDU's tariff for the EDU review and processing of an application, established at levels consistent with the distributed generation size and technology as well as the location on the electric distribution system of the interconnection.
  - (2) The EDU's review processing fee levels will apply in accordance with the EDU's tariff to all interconnections, including those for the purposes of net metering, combined heat and power or waste heat from industrial processes, as well as any customer-generator used for energy efficiency or the promotion and utilization of renewable or clean secondary fuels.
  - (3) Exception to the EDU's fee schedule may be determined by the EDU if the EDU invokes a fee-free feature on a nondiscriminatory basis.

#### LEVEL 1 SIMPLIFIED REVIEW PROCEDURE:

(A) Level 1 qualifying criteria

In order for the application to be approved by the EDU under the level 1 simplified review procedure, the applicant's generating facility must meet the following requirements:

- (1) The generation facility must use inverter-based equipment that is certified in compliance with IEEE 1547 standard and UL 1741 standard, as set forth in rule 4901:1-22-03 of the Administrative Code.
- (2) The generation facility must have a nameplate capacity of twenty-five kilowatts or less.
- (B) Level 1 approval criteria

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- (1) The EDU shall approve an application for interconnection under level 1 simplified review procedures if the generation facility meets the following approval criteria:
  - (a) The applicant's proposed distributed generation facility's point of common coupling is not on a transmission line.
  - (b) For interconnection of a proposed distributed generation facility to a radial distribution circuit, the aggregated generation, including the proposed distributed generation facility, on the circuit shall not exceed fifteen per cent of the line section annual peak load as most recently measured at the substation.
  - (c) The proposed distributed generation facility, in aggregation with other generation on the distribution circuit, shall not contribute more than ten per cent to the distribution circuit's maximum fault current at the point on the high voltage (primary) level nearest the proposed point of common coupling.
  - (d) For interconnection of a proposed distributed generation facility to the load side of spot network protectors, the proposed distributed generation facility must utilize an inverterbased equipment package and, together with the aggregated other inverter-based generation, shall not exceed the smaller of five per cent of a spot network's maximum load or fifty kilowatts.
  - (e) Direct current injection shall be maintained at or below five-tenths of a per cent of full rated inverter output current into the point of common coupling.
  - (f) When a proposed distributed generation facility is single phase and is to be interconnected on a center tap neutral of a two hundred forty volt service, its addition shall not create an imbalance between the two sides of the two hundred forty volt service of more than twenty per cent of the nameplate rating of the service transformer.
  - (g) The proposed distributed generation facility installation is certified to pass an applicable non-islanding test, or uses reverse power relays or other means to meet the unintentional islanding requirements of the institute of electrical and electronics engineers (IEEE) 1547 standard, effective as set forth in rule 4901:1-22-03 of the Administrative Code.
  - (h) The proposed distributed generation facility installation complies with the IEEE 1547 standard and underwriters laboratory 1741 standard, as set forth in rule 4901:1-22-03 of the Administrative Code.

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(2) Having complied with the parameters set forth in paragraph (B)(1) of this rule, the applicant's proposed distributed generation facility installation requires no further study by the EDU for the purpose of interconnection to the EDU's distribution system

#### (C) Level 1 review timeframe

- (1) Within fifteen business days after the EDU notifies the applicant that it has received a complete short form interconnection service application, the EDU shall perform a review using the criteria set forth in (B)(1) of this rule and shall notify the applicant of the results, and shall include with the notification copies of the analysis and data underlying the EDU's determinations under the criteria.
- (2) If the proposed interconnection fails one or more of the screening criteria, the application shall be denied. At the applicant's request, the EDU shall provide copies of the analysis and data underlying the EDU's determinations under the criteria. Upon denial of the level 1 interconnection request, the applicant may elect to submit a new application for consideration under level 2 or level 3 procedures, in which case the queue position assigned to the level 1 application shall be retained.
- (3) If the proposed interconnection meets the criteria, the application shall be approved and the EDU will provide the applicant a standard interconnection agreement within five business days after the determination. The standard interconnection agreement shall be consistent with the uniform requirements for an interconnection agreement in rule 4901:1-22-10 of the Administrative Code, and include a timetable for the physical interconnection of the applicant's proposed distributed generation facility to the EDU's system.
- (D) Level 1 application fee

The EDU's tariff for a level 1 fee shall not exceed fifty dollars and may be waived.

#### LEVEL 2 EXPEDITED REVIEW PROCEDURE:

(A) Level 2 qualifying criteria

In order for the application to be reviewed by the EDU under the level 2 expedited review procedure, the applicant's generating facility must meet the following requirements:

- (1) The generating facility utilizes equipment that is certified in compliance with IEEE 1547 standard and UL 1741 standard as set forth in rule 4901:1-22-03 of the Administrative Code.
- (2) The generating facility does not meet the level 1 interconnection review requirements.

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(3) The generating facility capacity does not exceed the limits identified in the table below, which vary according to the voltage of the line at the proposed point of interconnection. Distributed generation facilities located within 2.5 miles of a substation and on a main distribution line with minimum 600-ampere capacity are eligible for expedited review under the higher thresholds. These eligibility limits do not guarantee fast track approval.

Line Voltage	Expedited Review Regardless of Location	Expedited Review on a 600 amp line and within 2.5 feeder miles from substation
less than or equal to 5kV	less than or equal to 500 kW	less than 2 MW
5kV less than or equal to 15 kV	less than or equal to 2MW	less than 3 MW
15 kV less than or equal to 30 kV	less than or equal to 3MW	less than 4 MW
30 kV less than or equal to 69 kV	less than or equal to 4MW	less than 5 MW

## (B) Level 2 approval criteria

- (1) The EDU shall approve an application for interconnection under level 2 review procedures if the generation facility meets the following criteria:
  - (a) The proposed distributed generation facility's point of interconnection is not on a transmission line.
  - (b) The proposed distributed generation facility complies with IEEE 1547 standard and UL 1741 standard, effective as set forth in rule 4901:1-22-03 of the Administrative Code.
  - (c) The proposed distributed generation facility is not located in an area where there are known or posted transient stability limitations to generating units located in the general electrical vicinity (for example, three or four distribution busses from the point of interconnection), or the proposed distributed generation facility shall not have interdependencies, known to the EDU, with earlier queued transmission system interconnection requests. The EDU shall not disclose confidential information in the application of this screen.
  - (d) For interconnection of a proposed distributed generation facility to a radial distribution circuit, the aggregated generation, including the proposed distributed generation facility, on the circuit shall not exceed fifteen per cent of the line section annual peak load as

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most recently measured at the substation. The application of this screen addresses back feed and islanding conditions.

- (e) The proposed distributed generation facility, in aggregation with other generation on the distribution circuit, shall not contribute more than ten per cent to the distribution circuit's maximum fault current at the point on the primary voltage distribution line nearest the point of common coupling.
- (f) The proposed distributed generation facility, in aggregation with other generation on the distribution circuit, may not cause any distribution protective devices and equipment including substation breakers, fuse cutouts, and line reclosers, or other customer equipment on the electric distribution system, to be exposed to fault currents exceeding ninety per cent of the short circuit interrupting capability; nor shall an applicant requesting interconnection on a circuit that already exceeds ninety per cent of the short circuit interrupting capability be permitted.
- (g) When a proposed distributed generation facility is single phase and is to be interconnected on a center tap neutral of a two hundred forty volt service, its addition shall not create an imbalance between the two sides of the two hundred forty volt service of more than twenty per cent of the nameplate rating of the service transformer.
- (h) The proposed distributed generation facility shall be interconnected to the EDU's primary distribution system as shown below:

Primary Distribution Line Configuration	Interconnection to Primary Distribution Line	
Three phase, three wire	If a three-phase or single-phase generating facility, interconnection must be phase-to-phase	
Three phase, four wire	If a three-phase (effectively grounded) or single phase genera facility, interconnection must be line-to-neutral	

- (i) A review of the type of electrical service provided to the applicant, including line configuration and the transformer connection, will be conducted to limit the potential for creating over voltages on the EDU's electric distribution system due to a loss of ground during the operating time of any anti-islanding function.
- (j) When the proposed distributed generation facility is to be interconnected on single-phase shared secondary line, the aggregate generation capacity on the shared secondary line,

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including the proposed distributed generation facility, will not exceed sixty-five per cent of the transformer nameplate rating.

- (k) For interconnection of a proposed distributed generation facility to the load side of spot or area network protectors, the proposed distributed generation facility must utilize an inverter-based equipment package and, together with the aggregated other inverter-based generation, shall not exceed the lesser of five per cent of a spot or area network's maximum load or fifty kilowatts.
- (1) Construction of facilities by the EDU on its own system is not required to accommodate the distributed generation facility.

#### (C) Level 2 review timeframe

- (1) Within twenty business days after the EDU notifies the applicant it has received a complete application, the EDU shall perform an initial review using the criteria set forth in (B) and shall notify the applicant of the results.
- (2) If the proposed interconnection meets the criteria, the application shall be approved and the EDU will provide the applicant a standard interconnection agreement within five business days after the determination. The standard interconnection agreement shall be consistent with the uniform requirements for an interconnection agreement enumerated in rule 4901:1-22-10 of the Administrative Code, and include a timetable for the physical interconnection of the applicant's proposed distributed generation facility to the EDU's system.
- (3) If the proposed interconnection fails to meet the criteria, but the EDU determines that the proposed distributed generation facility may nevertheless be interconnected consistent with safety, reliability, and power quality standards, the EDU shall provide the applicant a standard interconnection agreement within five business days after the determination and include a timetable for the physical interconnection of the applicant's proposed distributed generation facility to the EDU's system.
- (4) If the proposed interconnection fails to meet the criteria and the EDU determines that minor modifications or further study may be required to interconnect the proposed distributed generation facility to the EDU's distribution system consistent with safety, reliability, and power quality standards, the EDU shall:
  - (a) Offer to perform facility modifications or minor modifications to the EDU's electric system (e.g., change meters, fuses, relay settings), or,

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- (b) Offer to perform a supplemental review if the EDU concludes that the supplemental review might determine that the proposed distributed generation facility could continue to qualify for interconnection pursuant to the expedited review process,
- (c) Obtain the applicant's agreement to continue evaluating the application under level 3 standard review.
- (5) At the applicant's request, the EDU shall provide copies of the analysis and the data underlying the EDU's determinations that minor modifications or further study is required.

## (D) Facility or minor system modifications

- (1) If facility modifications or minor system modifications are required to allow the proposed distributed generation facility to be interconnected consistent with safety, reliability, and power quality standards under these procedures, the EDU shall provide the applicant with a non-binding good faith estimate of the cost to make such modifications.
- (2) If the interconnection customer agrees to pay for the modifications to the EDU's distribution system, the EDU shall provide the applicant with a standard distributed generation interconnection agreement within five business days. The standard interconnection agreement shall be consistent with the uniform requirements for an interconnection agreement enumerated in rule 4901:1-22-10 of the Administrative Code, and include a timetable for the physical interconnection of the applicant's proposed distributed generation facility to the EDU's system.

#### (E) Level 2 supplemental review

(1) If the customer requests that the EDU perform a supplemental review, the customer shall agree in writing within fifteen business days of the offer, and submit a supplemental review deposit of \$2,500, or the application shall be deemed withdrawn. Within twenty-five business days following receipt of the supplemental review deposit, the EDU shall perform a supplemental review using the screens set forth below and notify the applicant of the results. For interconnection of a proposed distributed generation facility to an area network, the EDU may utilize different analytical procedures for conducting supplemental review than those set forth in this rule. Following study completion, the EDU shall bill or credit the applicant any difference between the supplemental review deposit and the actual cost to perform the review. If the proposed interconnection fails one or more of the supplemental review screens, the EDU shall include with the notification copies of the analysis and data underlying the EDU's determinations under the screens.

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- (a) A supplemental review may be performed where twelve months of line section minimum load data is available or can be calculated, estimated from existing data, or determined from a power flow model, and where the aggregate distributed generation facility capacity on the line section is less than one hundred per cent of the minimum load for all line sections bounded by automatic sectionalizing devices upstream of the proposed distributed generation facility. If minimum load data is not available, or cannot be calculated, estimated or determined, the EDU shall include the reason(s) that it is unable to calculate, estimate or determine minimum load in its supplemental review results notification as set forth in rule 4901:1-22-07(E)(1) of the Administrative Code.
  - (i) The type of generation used by the proposed distributed generation facility will be taken into account when calculating, estimating, or determining the circuit or line section minimum load. For the application of a solar photovoltaic generation system with no battery storage, use daytime minimum load, and use absolute minimum load for other generation.
  - (ii) When this screen is being applied to a distributed generation facility that serves some onsite electrical load, the total load must be considered as part of the aggregate generation.
  - (iii) The EDU will consider generating facility capacity known to be reflected in the minimum load data as part of the aggregate generation for purposes of this screen.
- (b) In aggregate with existing generation on the line section: (1) the voltage regulation on the line section can be maintained in compliance with relevant requirements under all system conditions, (2) the voltage fluctuation is within acceptable limits as defined by IEEE 1453 or utility practice similar to IEEE 1453, and (3) the harmonic levels meet IEEE 519 limits at the point of interconnection.
- (c) The location of the proposed distributed generation facility and the aggregate generation capacity on the line section do not create impacts to safety or reliability that cannot be adequately addressed without application of the level 3 standard review. The EDU may consider the following and other factors in determining potential impacts to safety and reliability in applying the screen:
  - (i) Whether the line section has significant minimum loading levels dominated by a small number of customers.
  - (ii) If there is an even or uneven distribution of loading along the feeder.

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- (iii) If the proposed distributed generation facility is located within 2.5 electrical line miles to the substation and if the distribution line from the substation to the customer is composed of a 600A class cable or conductor.
- (iv) If the proposed distributed generation facility incorporates a time delay function to prevent reconnection of the generator to the system until system voltage and frequency are within normal limits for a prescribed time.
- (v) If operational flexibility is reduced by the proposed distributed generation facility, such that transfer of the line section(s) of the distributed generation facility to a neighboring distribution circuit/substation may trigger overloads or voltage issues.
- (2) If the proposed interconnection meets the supplemental review criteria, the application shall be approved and the EDU will provide the applicant a standard interconnection agreement within five business days after the determination. The standard interconnection agreement shall be consistent with the uniform requirements for an interconnection agreement enumerated in rule 4901:1-22-10 of the Administrative Code and include a timetable for the physical interconnection of the applicant's proposed distributed generation facility to the EDU's system.
- (3) If the proposed interconnection fails the supplemental review criteria, the EDU shall obtain the applicant's agreement to continue evaluating the application under Level 3 standard review. If the applicant agrees to have the project evaluated under the Level 3 standard review process, the cost of supplemental review shall be deducted from the otherwise applicable Level 3 standard review fee. If the Level 3 standard review fee is less than the supplemental review cost, standard review fee shall be waived.

#### (F) Level 2 fees

The EDU's tariff for level 2 expedited review processing fees will include the following:

- (1) An application fee of up to fifty dollars, plus one dollar per kilowatt of the applicant's system nameplate capacity rating.
- (2) In the event that an application is evaluated under supplemental review, any or all of the following fees may be assessed by the EDU:
  - (a) The \$2,500 supplemental review deposit, adjusted following study completion to reflect the cost of engineering work billed at actual costs.

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(b) The actual cost of any minor modification of the electric distribution utility's system that would otherwise not be done but for the applicant's interconnection request

#### LEVEL 3 STANDARD REVIEW PROCEDURE:

(A) Level 3 standard review criteria

In order for the application to be approved by the EDU under the level 3 review procedure, the following conditions must apply:

- (1) The generation facility does not qualify or failed to meet the level 1 or level 2 interconnection review requirements.
- (2) The generation does not utilize equipment that is certified in compliance with IEEE 1547 standard and UL 1741 standard as set forth in rule 4901:1-22-03 of the Administrative Code.
- (3) The generation facility has a nameplate capacity of twenty megawatts or less.
- (B) Level 3 approval criteria
  - (1) Level 3 standard review procedure shall use the determinations made in the scoping meeting and any feasibility, system impact, or facilities study defined in rule 4901:1-22-09 of the Administrative Code for technical analysis of the applicant's proposed distributed generation facility installation.
  - (2) The EDU shall approve an application for interconnection under level 3 review procedures if the EDU determines that the safety and reliability of the public utility's transmission or distribution system will not be compromised by interconnecting with the generation facility.
- (C) Level 3 fees
  - (1) The EDU's tariff for level 3 standard review fees will include the following:
    - (a) An application fee of up to one hundred dollars, plus two dollars per kilowatt of the system's nameplate capacity.
    - (b) In addition to the level 3 standard review application fee, any or all of the following fees may be assessed by the EDU:
      - (i) The cost of engineering work done as part of any feasibility, system impact or facilities study, billed at actual cost.

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- (ii) The actual cost of any modifications of the EDU's system that would otherwise not be done but for the applicant's interconnection request.
- (2) Within five business days after completion of the level 3 standard procedure including any applicable feasibility, system impact or facilities studies leading to the EDU's approval for interconnection of the applicant's proposed distributed generation facility installation and collection by the EDU of all the actual costs for the studies as billed to the applicant, the EDU shall provide the applicant with a standard interconnection agreement.

#### SCOPING MEETING AND INTERCONNECTION STUDIES:

## (A) Scoping meeting

- (1) A scoping meeting will be held within ten business days after the interconnection application is deemed complete, or as otherwise mutually agreed to by the parties. The EDU and the applicant may bring to the meeting personnel, including system engineers and other resources as may be reasonably required to accomplish the purpose of the meeting.
- (2) The purpose of the scoping meeting is to discuss alternative interconnection options, to determine potential points of common coupling, to examine the applicant's proposed point of interconnection on the EDU's distribution system, or to review an applicant's pre-application report or existing studies relevant to the interconnection application. The parties shall further discuss the appropriate level 3 interconnection studies required to evaluate the interconnection of the proposed distributed generation facility to the EDU's distribution system.
- (3) The scoping meeting may be waived by mutual agreement if the parties decide to proceed directly to the level 3 interconnection studies.

## (B) Queuing

- (1) When an interconnection request is complete, the EDU shall assign the application a queue position to establish the order in which the interconnection request will be reviewed in relation to other interconnection requests on the same or nearby sections of the EDU's distribution system.
- (2) The queue position of an interconnection request shall be used to determine the cost responsibility necessary for the construction of any facilities to accommodate the interconnection in relation to other interconnection requests on the same or nearby sections of the EDU's distribution system.

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(3) The EDU shall notify the applicant at the scoping meeting about other higher-queued applicants.

## (C) Interconnection study requirements

- (1) One or more interconnection studies may be required by the EDU prior to interconnection including a feasibility study, a system impact study, and a facilities study.
- (2) Each type of study required will include an EDU interconnection tariff fee schedule approved by the commission as set forth in Rule 4901:1-22-08 of the Administrative Code.
- (3) Each type of study will be the subject of a written study agreement between the applicant and the EDU that includes the following:
  - (a) A target date for completion of any required feasibility study, system impact study, and facilities study.
  - (b) A provision to share the results of the study by the EDU with the applicant.
  - (c) A clear explanation of all estimated charges.
  - (d) A good faith estimate of the total number of hours needed to complete the study.
  - (e) An estimate of the total interconnection study fee.
- (4) A written study agreement may include an alternative provision that allows the required studies related to the interconnection of the generating facility(s) to be conducted by a qualified third party with the consent of the EDU.
- (5) By mutual agreement of the parties, a feasibility study, a system impact study, or a facilities study under level 3 procedures may be waived by the EDU.
- (6) When the EDU determines, as a result of the studies conducted under a level 3 review, that it is appropriate to interconnect the distributed generation facility, the EDU shall provide the applicant with a standard distributed generation interconnection agreement.
- (7) If the interconnection request is denied, the EDU shall provide a written explanation within five business days from the denial. The EDU must allow the applicant thirty business days to cure the reasons for denial while the applicant's position in the queue is maintained.
- (D) The feasibility study

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- (1) No later than five business days after the scoping meeting, the EDU shall provide the applicant with a feasibility study agreement in accordance with the EDU's tariff to determine the feasibility of interconnecting the applicant's proposed distributed generation facility at a particular point on the EDU's system. The study shall include both of the following:
  - (a) An outline of the scope of the study.
  - (b) A non-binding good faith estimate of the cost to perform the study.
- (2) A feasibility study shall include the following analyses for the purpose of identifying a potential adverse system impact to the EDU's system that would result from the interconnection:
  - (a) Initial identification of any circuit breaker short circuit capability limits exceeded as a result of the interconnection.
  - (b) Initial identification of any thermal overload or voltage limit violations resulting from the interconnection.
  - (c) Initial review of grounding requirements and system protection.
  - (d) A description and nonbinding estimated cost of facilities required to interconnect the distributed generation facility to the EDU's system in a safe and reliable manner.
- (3) When an applicant requests that the feasibility study evaluate multiple potential points of interconnection, additional evaluations may be required.
- (4) The actual cost of the EDU's additional evaluations shall be paid by the applicant.
- (E) The system impact study
  - (1) No later than five business days after the completion of or a waiver of the feasibility study, the EDU shall provide a distribution system impact study agreement to the applicant, using a form of system impact study agreement in accordance with the EDU's tariff that includes an outline of the scope of the study and a nonbinding good faith estimate of the cost to perform the study.
  - (2) If the feasibility study concludes there is no adverse system impact, or the study identifies an adverse system impact but the EDU is able to identify a remedy, no system impact study is required.

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- (3) A system impact study shall evaluate the impact of the proposed interconnection on the safety and reliability of the EDU's system. The study shall:
  - (a) Identify and detail the system impacts that result when a distributed generation facility is interconnected without project or system modifications.
  - (b) Consider the adverse system impacts identified in the feasibility study, or potential impacts including those identified in the scoping meeting.
  - (c) Consider all generating facilities that, on the date the system impact study is commenced, are directly interconnected with the EDU's system.
  - (d) Consider pending higher queue position of facilities requesting interconnection to the system, or consider pending higher queue position of facilities requesting interconnection having a signed interconnection agreement.
- (4) A system impact study performed by the EDU shall consider the following criteria:
  - (a) A load flow study.
  - (b) A short circuit analysis.
  - (c) A stability analysis.
  - (d) Voltage drop and flicker studies.
  - (e) Protection and set point coordination studies.
  - (f) Grounding reviews.
- (5) The EDU shall state the underlying assumptions of the study and show the results of the analyses to the applicant, including the following:
  - (a) Any potential impediments to providing the requested interconnection service.
  - (b) Any required distribution system upgrades and provide a nonbinding good faith estimate of cost and time to construct the system upgrades.
- (F) The facilities study
  - (1) Within five business days of completion of the system impact study, a report will be transmitted by the EDU to the applicant with a facilities study agreement in accordance with the EDU's interconnection tariff.

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- (2) When the parties agree at the scoping meeting that no system impact study is required, the EDU shall provide to the applicant, no later than five business days after the scoping meeting, a facilities study agreement in accordance with the EDU's interconnection tariff that enables the EDU to determine the interconnection facilities needed to interconnect the applicant's proposed distributed generation facility at a particular point on the EDU's system.
- (3) The facilities study agreement shall include both of the following:
  - (a) An outline of the scope of the study.
  - (b) A nonbinding good faith estimate of the cost to perform the study to cover the cost of the equipment, engineering, procurement and construction work, including overheads, needed to implement the conclusions of the feasibility study and/or the system impact study to interconnect the distributed generation facility.
- (4) The facilities study shall identify all of the following:
  - (a) The electrical switching configuration of the equipment, including transformer, switchgear, meters, and other station equipment.
  - (b) The nature and estimated cost of the EDU's interconnection facilities and distribution upgrades necessary to accomplish the interconnection.
  - (c) An estimate of the time required to complete the construction and installation of such facilities.
- (5) The parties may agree to permit an applicant to separately arrange for a third party to design and construct the required interconnection facilities under the following conditions:
  - (a) The EDU may review the facilities to be designed and constructed by a third party under provisions included in the facilities study agreement for that purpose.
  - (b) The applicant and the third party separately arranging for design and construction agree to comply with security and confidentiality requirements.
  - (c) The EDU shall provide the applicant with all relevant information and required specifications available to permit the applicant to obtain an independent design and cost estimate for the facilities, which must be built in accordance with the specifications.

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#### UNIFORM REQUIREMENTS FOR INTERCONNECTION AGREEMENTS:

- (A) The EDU shall provide the applicant with a standard interconnection agreement for distributed generation within five business days following completion of project review. If applicable, the applicant must pay for the interconnection facilities and distribution upgrades identified in the facilities study.
- (B) The applicant shall have thirty business days or another mutually agreeable time frame after the standard interconnection agreement is received to sign and return the interconnection agreement to the EDU.
- (C) When the applicant does not sign the agreement within thirty business days, the interconnection request will be deemed withdrawn unless the applicant requests an extension of the deadline in writing. The request for extension shall not be denied by the EDU, unless conditions on the EDU system have changed.
- (D) Milestones for construction
  - (1) When construction is required, the interconnection of the distributed generation will proceed according to any milestones agreed to by the parties in the standard interconnection agreement.
  - (2) The interconnection agreement may not become effective until the milestones agreed to in the standard interconnection agreement are satisfied, including the following:
    - (a) The distributed generation is approved by electric code officials with jurisdiction over the interconnection.
    - (b) The applicant provides a certificate of completion to the EDU; or there is a successful completion of an on-site operational test within ten business days or at a mutually convenient time, unless waived. The operational test shall be observed by EDU personnel or a qualified third party with sufficient expertise to verify that the criteria for testing have been met.

## (E) Insurance

(1) Any EDU interconnection agreement with the applicant shall not require additional liability insurance beyond proof of insurance or any other suitable financial instrument sufficient to meet its construction, operating and liability responsibilities in accordance with the EDU's tariff with respect to this rule.

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- (2) At no time shall the EDU require the applicant to negotiate any policy or renewal of any policy covering any liability through a particular insurance agent, solicitor, or broker.
- (F) Alternative dispute resolution

The EDU or the applicant who is a nonmercantile, nonresidential customer may seek resolution of any disputes which may arise out the EDU tariffs filed under these rules, in accordance with Chapter 4901:1-26 of the Administrative Code, for alternative dispute resolution procedures.

(G) Site testing

The applicant must provide the EDU a reasonable opportunity to witness the testing of installed switchgear, protection system, and generator as included in the applicant's installation test plan and maintenance schedule that has been reviewed and approved by the EDU.

- (H) Periodic testing
  - (1) Any periodic tests of the interconnection equipment (including any relays, interrupting devices, control schemes, and batteries that involve protection of the EDU's system) as recommended by the applicant's equipment manufacturer or required by the institute of electrical and electronics engineers (IEEE) 1547 standards, effective as set forth in rule 4901:1-22-03 of the Administrative Code, shall be the responsibility of the applicant.
  - (2) Such periodic tests shall be included in the applicant's installation test plan and maintenance schedule that has been reviewed and approved by the EDU.
  - (3) The applicant shall make copies of the periodic test reports or inspection logs available to the EDU for review.
  - (4) Upon a written request, the EDU is to be informed of the next scheduled maintenance and be able to witness the maintenance program and any associated testing.
- (I) Disconnection of the applicant's facility

Except as provided for in paragraph (J)(2) of this rule, when the EDU discovers the applicant's equipment is not in compliance with IEEE 1547 standards, effective as set forth in rule 4901:1-22-03 of the Administrative Code, and such noncompliance has the potential to adversely affect the safety and reliability of the electric system, the EDU may disconnect the applicant's facility according to the following procedures:

(1) The EDU shall provide a notice to the applicant with a description of the specific noncompliance condition.

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(2) The disconnection can only occur after a reasonable time to cure the noncompliance condition has elapsed.

#### (J) Other disconnection of the unit

- (1) The applicant retains the option to temporarily disconnect from the EDU's system at any time. Such temporary disconnection shall not be a termination of the interconnection agreement unless the applicant exercises its termination rights under the interconnection agreement.
- (2) The EDU shall have the right to disconnect the applicant's unit(s) without notice in the event of an emergency or to eliminate conditions that constitute a potential hazard to the EDU personnel or the general public. The EDU shall notify the applicant of the emergency as soon as circumstances permit.

## (K) Service interruption

During routine maintenance and repairs on the EDU's system consistent with Chapter 4901:1-23 of the Administrative Code, or other commission order, the EDU shall provide the applicant with a seven-day notice of service interruption.

- (L) Effective term and termination rights of an interconnection agreement
  - (1) An interconnection agreement becomes effective when executed by both parties and shall continue in force until terminated under any of the following conditions:
    - (a) The applicant terminates the interconnection agreement at any time by giving the EDU sixty calendar days prior notice.
    - (b) The EDU terminates the interconnection agreement upon failure of the applicant to generate energy from the applicant's facility in parallel with the EDU's system by the later of two years from the date of the executed interconnection agreement or twelve months after completion of the interconnection.
    - (c) Either party terminates by giving the other party at least sixty calendar days prior written notice that the other party is in default of any of the material terms and conditions of the interconnection agreement, so long as the notice specifies the basis for the termination and there is reasonable opportunity to cure the default.
  - (2) All applicants' installations existing on or before the effective date of this rule are exempted from the changes instituted by this rule.

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- (3) Upon termination of an interconnection agreement, the applicant's facilities will be disconnected from the EDU's system.
- (4) The termination of the interconnection agreement shall not relieve either party of its liabilities and obligations, owed or continuing at the time of the termination.

#### BACKUP ELECTRICITY SUPPLY:

Replacement electric power for the applicant shall be supplied in accordance with division (C) of section 4928.15 of the Revised Code, by either of the following:

- (A) The EDU either at a tariff rate or at the market price as provided for in its tariff.
- (B) By the applicant's competitive retail electric service provider at a rate to be determined by contract.

## **RULES AND REGULATIONS:**

All electric service of the Company is rendered under and subject to the Rules and Regulations contained within this Schedule and any terms and conditions set forth in any Agreement between the Company and the customer.

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THE DAYTON POWER AND LIGHT COMPANY MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

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P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE

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THE DAYTON POWER AND LIGHT COMPANY MacGregor Park 1065 Woodman Dr. Dayton, Ohio 45432

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE ENERGY EFFICIENCY RIDER

The rates and charges listed in this tariff are intended to recover the costs associated with meeting the energy efficiency and peak demand reduction targets set forth in Section 4928.66 of the Ohio Revised Code. This is a non-bypassable charge (except if the customer qualifies for a mercantile opt-out exemption). The Energy Efficiency Rider (EER) shall be assessed on kilowatt-hours (kWh) of electricity per tariff class distributed under this Schedule at the rates stated below, effective on a bills-rendered basis in the Company's first billing unit for the month of March 2014.

\$0.0045785	/kWh
\$0.0045785	/kWh
\$0.0035797	/kWh
\$0.0025409	/kWh
\$0.0022489	/kWh
\$0.0021751	/kWh
\$0.1520848	/lamp/month
\$0.3258960	/lamp/month
\$0.4236648	/lamp/month
\$1.0428672	/lamp/month
\$0.8147400	/lamp/month
\$1.6729328	/lamp/month
\$0.6952448	/lamp/month
\$0.7169712	/lamp/month
\$0.4671176	/lamp/month
\$0.0037209	/kWh
	\$0.0045785 \$0.0035797 \$0.0025409 \$0.0022489 \$0.0021751 \$0.1520848 \$0.3258960 \$0.4236648 \$1.0428672 \$0.8147400 \$1.6729328 \$0.6952448 \$0.7169712 \$0.4671176

The Energy Efficiency Rider shall be assessed until the Company's costs are fully recovered and will be revised once a year.

Filed pursuant to the Finding and Order in Case No Ohio.	datedof the Public Utilities Commission of
Issued	Effective Issued by

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# P.U.C.O. No. 18 ELECTRIC DISTRIBUTION SERVICE ECONOMIC DEVELOPMENT RIDER

Ohio Law allows for the recovery of costs incurred as a result of economic development and job retention programs including foregone revenues. The rates and charges listed below are designed to recover the cost incurred in DP&L's service territory. The cost associated with these programs may change over time based on customer participation. The Economic Development Rider shall be assessed on kilowatt-hours (kWh) of electricity per tariff class distributed under this Schedule at the rates stated below, effective on a bills-rendered basis in the Company's first billing unit for the month of May 2015.

Residential	\$0.0002085	/kWh
Residential Heating	\$0.0002085	/kWh
Secondary	\$0.0000902	/kWh
Primary	\$0.0000265	/kWh
Primary-Substation	\$0.0000061	/kWh
High Voltage	\$0.0000002	/kWh
Private Outdoor Lighting		
3,600 Lumens Light Emitting Diode (LED)	\$0.0078106	/lamp/month
8,400 Lumens Light Emitting Diode (LED)	\$0.0167370	/lamp/month
9,500 Lumens High Pressure Sodium	\$0.0217581	/lamp/month
28,000 Lumens High Pressure Sodium	\$0.0535584	/lamp/month
7,000 Lumens Mercury	\$0.0418425	/lamp/month
21,000 Lumens Mercury	\$0.0859166	/lamp/month
2,500 Lumens Incandescent	\$0.0357056	/lamp/month
7,000 Lumens Fluorescent	\$0.0368214	/lamp/month
4,000 Lumens PT Mercury	\$0.0239897	/lamp/month
Street Lighting	\$0.0000870	/kWh
Street Lighting	\$0.0000870	/kWh

The Economic Development Rider shall be assessed until the Company's costs are fully recovered and may be revised twice a year subject to PUCO approval.

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