LARGE FILING SEPARATOR SHEET

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1st Revised Sheet No. 3-17D Cancels Original Sheet No. 3-17D Original Sheet No. 3-42D

P.U.C.O. NO. 4920

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

The customer shall not be permitted to operate the customer's own generating equipment in parallel with the Company's service except on written permission of the Company.

20. RESIDENTIAL SERVICE

The Residential Customer is a customer whose domestic needs for distribution service are limited to their primary single family residence, single occupancy apartment and/or condominium, mobile housing unit, or any other single family residential unit. Individual residences shall be served individually under a residential open access distribution schedule. Customer may not take distribution service for two (2) or more separate residences through a single meter under any schedule, irrespective of common ownership of the several residences, except that in the case of an apartment house with a number of individual apartments the landlord shall have the choice of providing separate wiring for each apartment so that the Company may provide delivery to each apartment separately under the residential open access distribution schedule, or of purchasing the entire distribution service through a single meter under the appropriate general service open access distribution schedule.

Where a single-family house is converted to include separate living quarters or dwelling units for more than one family, or where two (2) or more families occupy a single-family house with separate cooking facilities, the owner may, instead of providing separate wiring for each dwelling unit, take service through a single meter under the residential open access distribution schedule. In such case, there will be a single customer charge, but the quantity of kilowatt-hours in each block will be multiplied by the number of dwelling units or families occupying the building.

The residential open access distribution schedule shall cease to apply to that portion of a residence which becomes primarily used for business, professional, institutional or gainful purposes. Under these circumstances, the customer shall have the choice; (1) of separating the wiring so that the residential portion of the premises is served through a separate meter under the residential open access distribution schedule and the other uses as enumerated above are served through a separate meter or meters under the appropriate general service open access distribution schedule; or (2) of taking the entire service under the appropriate general service open access distribution schedule. Motors of ten (10) HP or less may be served under the appropriate residential open access distribution schedule. Larger motors may be served where, in the Company's sole judgment, the existing facilities of the Company are adequate.

Detached building or buildings, actually appurtenant to the residence, such as a garage, stable or barn, may be served by an extension of the customer's residence wiring through the residence meter provided no business activities are transacted in the detached buildings.

In the event a detached garage or other facility on a residential customer's property is separately served and metered, such facility shall accordingly be metered and billed according to the appropriate general service open access distribution schedule.

The Company's rules for the establishment of credit for residential utility service is governed by Chapter 4901:1-17 of the Ohio Administrative Code, and the Company's disconnect and reconnect procedures for residential customers is governed by Chapter 4901:1-18 of the Ohio Administrative Code.

21. METER REGISTRATION AND TESTING

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TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Any kilowatt-hour meter registering between 2% fast and 2% slow will be considered to be registering correctly. Any integrating block interval demand meter or thermal demand meter registering between 4% high and 4% low will be considered to be registering correctly.

The Company will, upon request of the sustemer, test any Company owned meter suspected of improper registration, once at no cost to the customer. For each subsequent test conducted within thirty-six months of the last previous test, if the meter is found to be registering correctly, the customer shall pay to the Company a \$59 fee for a single phase meter test and a \$73 fee for a three phase meter test. The customer shall be teld the amount of such charge when the customer requests the meter test within such thirty-six month period. Such test, witnessed by the customer if so desired, will be conducted using a properly calibrated meter standard. Any Company-owned meter found registering correctly will be recealed and the date and results of the test entered on the Company's records.

The Company will replace at its expense any Company-ewhed meter registering incorrectly and will make billing corrections in accordance with the following section for any services billed by the Company:

21. DEPOSITS

Security for the payment of bills for distribution service will be governed, as specified in Chapters 4901:1-10-14 and 4901:1-17-03 of the Ohio Administrative Code, which is herein incorporated by reference as it is from time to time amended.

The Company will be entitled to pursue adequate assurance of payment for distribution service if a customer files for protection under provisions of the United States Bankruptcy Code.

The Company may require a deposit by the customer not exceeding the amount of the estimated monthly average cost of the annual consumption by such customer plus thirty percent. The Company will pay interest on deposits, at a rate of not less than three percent per annum, so made in accordance with legal requirements, provided such deposit be left with the Company at least six (6) consecutive months. Retention by the Company, prior to final settlement, of any deposit or quarantee is not a payment or part payment of any bill for service.

22. BILLING CORRECTIONS

If the amount of energy consumed is not properly registered by a meter for any reason or is not properly charged to the customer's account, the entity providing billing services, either the Company or a BA, will, for the period of time that incorrect billings can be established, adjust the meter readings and billings to reflect all available information concerning the actual use by the customer. Any resulting everpayment will be paid or credited to the customer by the appropriate billing entity. Except as provided below, any underpayment, not to exceed the length of time of the underbilling, except at the discretion of the Company and/or BA will be billed to the customer. The Company will, if the customer requests, attempt to arrange a reasonable payment schedule in the event of underpayment of charges under the applicable open access distribution schedule. Should the amount of the adjustment for distribution charges be under dispute, the Company will continue to cupply distribution service and the customer shall continue to pay the amounts billed until a final determination is made.

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Schedule E2.1 Part 4D Page 57 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

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P.U.C.O. NO. 4920

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

The Company's policy on backbilling for residential customers shall comply with the orders of the Commission and Section 4933.28 of the Ohio Revised Code, as amended from time to time.

(Continued on Sheet No. 3-18D)

22. BILLING AND BILLS PAYABLE

The customer will be held responsible for all charges for distribution service. Bills for distribution service will be rendered by the Company to the customer monthly in accordance with the open access distribution schedule applicable to the customer's distribution service with the following exception:

Year-round residential and not-for-profit open access distribution general service schedule customers shall have the option of paying bills for distribution service under the Company's equal payment plan (Budget Plan), whereby the cost of distribution service for the succeeding 12-month period is estimated in advance, and bills are rendered monthly on the basis of one-twelfth of the 12-month estimate. The Company may at any time during the 12-month period adjust the estimate so made, and the bills rendered in accordance with such estimate, to conform more nearly with the actual use of service being experienced. The normal equal payment period will be twelve (12) months, commencing in any month selected by the Company, but in those cases where billing is commenced during a month which leaves less than twelve (12) months until the beginning of the next normal equal payment period to which the customer is assigned, payments shall be calculated on the basis of the months in such period.

In case the actual distribution charges during any equal payment period exceed the bills as rendered on the equal payment plan, the amount of such excess shall be paid on or before the due date of the bill covering the last month of the equal payment period in which such excess appears, or such excess may be added to the estimated use for the next normal equal payment period of twelve (12) months, and shall be payable in equal monthly payments over such period, except that if the customer discontinues service with the Company under the equal payment plan, any such excess not yet paid shall become payable immediately. In case the actual distribution charges during the equal payment period are less than the amount paid under the equal payment plan during such period, the amount of such overpayment shall, at the option of the Company, either be refunded to the customer or credited on the customer's last bill for the period.

If a customer fails to pay bills as rendered on the equal payment plan, the Company shall have the right to withdraw the plan with respect to such customer and to restore the customer to billing as provided for in the applicable open access distribution schedules, in addition to any

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TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

other rights which the Company may have under such schedules and terms and conditions of service in case of arrearage in payment of bills.

The customer will be held responsible for all charges for electric energy delivered at the customer's premises. Bills will be rendered for each month's use by the Company to the customer. All bills from the Company are due and payable in full by mail, checkless payment plan, electronic payment plan, or at an authorized payment agent of the Company within the time limits specified in the schedule. For the purpose of this section, the United States Postal Service is not an authorized payment agent, and payments received through the Postal Service are considered paid when received at the Company's business offices. Failure to receive a bill will not entitle the customer to any discount or to the remission of any charge for nonpayment within the time specified. For purposes of this Section, the word "month" as used herein and in the open access distribution schedules is hereby defined to be the elapsed time between two successive meter readings approximately 30 days apart.

If the customer fails to pay in full any final bill for distribution service rendered and said customer receives like service at another location, the Company may transfer the unpaid balance of the final bill to the service account for any such other location. Like service refers to an end use within the following broad categories: residential, commercial, or industrial. Such amount shall be designated as a past-due amount on the account at such location and subject to collection and disconnection action in accordance with Chapter 4901:1-18 of the Ohio Administrative Code and the Company's filed tariffs, terms and conditions of service, provided that such transfer of a final bill shall not be used to disconnect service to a residential customer who is not responsible for such bill.

If the amount of energy consumed is not properly registered by a meter for any reason, or is not properly charged to the customer's account, the entity providing billing services, either the Company or a BA, will, for the period of time that incorrect billings can be established, adjust the meter readings and billings to reflect all available information concerning the actual use by the customer. Any resulting overpayment will be paid or credited to the customerby the appropriate billing entity. Except as provided below, any underpayment, not to exceed the length of time of the underbilling, except at the discretion of the Company and/or BA will be billed to the customer. The Company will, if the customer requests, attempt to arrange a reasonable payment schedule in the event of underpayment of charges under the applicable open access distribution schedule. Should the amount of the adjustment for distribution charges be under dispute, the Company will continue to supply distribution service and the customer shall continue to pay the amounts billed until a final determination is made.

The Company's policy on backbilling for residential customers shall comply with the orders of the Commission and Section 4933.28 of the Ohio Revised Code, as amended from time to time.

A customer shall be charged \$9.00 for any dishonored check received in payment for a bill rendered by the Company, unless the customer shows that the bank was in error.

At the Company's discretion, any customer receiving Company consolidated billing with a CRES Provider billing arrearage of more than 60 days may be switched back to the Company's Standard Offer Service and will not be permitted to select a new CRES Provider until the arrearage is paid.

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TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

23. RESIDENTIAL SERVICE

Individual residences shall be served individually under a residential open access distribution schedule. Customer may not take distribution service for two or more separate residences through a single meter under any schedule, irrespective of common ownership of the several residences, except that in the case of an apartment house with a number of individual apartments the landlerd shall have the choice of providing separate wiring for each apartment set that the Company may provide delivery to each apartment separately under the residential open access distribution schedule, or of purchasing the entire distribution service through a single meter under the appropriate general service open access distribution schedule.

Where a single-family house is converted to include separate living quarters or dwelling units for more than one family, or where two or more families occupy a single-family house with separate cooking facilities, the owner may, instead of providing separate wiring for each dwelling unit, take service through a single meter under the residential open access distribution schedule. In such case, there will be a single customer charge, but the quantity of kilowatt-hours in each block will be multiplied by the number of dwelling units or families occupying the building.

The residential open access distribution schedule shall cease to apply to that portion of a residence which becomes primarily used for business, professional, institutional or gainful purposes. Under these circumstances, the customer shall have the choice: (1) of separating the wiring so that the residential portion of the premises is served through a separate meter under the residential open access distribution schedule and the other uses as enumerated above are served through a separate meter or meters under the appropriate general service open access distribution schedule; or (2) of taking the entire service under the appropriate general service open access distribution schedule. Motors of 10 HP or less may be served under the appropriate residential open access distribution schedule. Larger motors may be served where, in the Company's sole judgment, the existing facilities of the Company are adequate.

Detached building or buildings, actually appurtenant to the residence, such as a garage, stable or barn, may be served by an extension of the customer's residence wiring through the residence meter provided no business activities are transacted in the detached buildings.

In the event a detached garage or other facility on a residential customer's property is separately served and metered, such facility shall accordingly be metered and billed according to the appropriate general service open access distribution schedule.

Schedule E2.1 Part 4D Page 60 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

4^{et}-Revised Sheet No. 3-18D Cancels Original Sheet No. 3-18D Original Sheet No. 3-47D

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TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

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TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE.

23. CHANGE OF ADDRESS BY CUSTOMER

It is the responsibility of an existing customer to notify the Company when distribution service is to be discontinued, and to provide a mailing address for the final bill.

When the Company receives notice from an existing customer that distribution service is to be discontinued, or from a prospective customer that an existing distribution service is to be transferred into the prospective customer's name, the Company will, within three (3) business days, determine the meter reading for the final distribution bill to the existing customer. Such determination shall be made either by estimation or, upon customer request, by an actual meter reading. The existing customer will be responsible for all service supplied to the premises until such meter reading and discontinuance or transfer is made. Transfer of service to a qualified prospective customer will not be delayed or denied because of nonpayment of the final distribution bill by the former customer, unless the former customer continues to be a consumer of electric service at that premise.

24. DENIAL OR DISCONTINUANCE OF SERVICE

The Company reserves the right to refuse any applicant for distribution service if the applicant is indebted to the Company for any corvice therefore rendered at any location, provided Company shall advise applicant to such effect, and provided that indebtedness for one class of service shall not cause the refusal of service to a different class of service. The Company reserves the right to discentinue to provide distribution service to any customer without notice in case of an emergency or to prevent theft from or fraud upon the Company. Subject to the further provisions for residential customers contained in Chapter 4901:1-18 of the Ohio Administrative Code which is herein incorporated by reference as it is from time to time amended, the Company also reserves the right after at least 5 days' notice in writing to discentinue distribution service to any sustemer (1) who is indebted to the Company for any service theretofore rendered at any location (on other than equal payment plan accounts having a credit balance), and provided that indebtedness for one class of service shall not cause the disconnection of service to a different class of service (2) for failure to provide and maintain adequate security for the payment of bills as requested by the Company, or (3) for failure to comply with these Terms and Conditions of Open Access Distribution Service. Any discontinuance of distribution service shall not terminate the centract between the Company and the customer nor shall it abrogate any minimum charge which may be effective.

When a Company employee is dispatched to a customer's premises for the purpose of performing collection activities due to the customer's delinquency, the customer will be charged \$18.00, the cost to the Company of having the employee at the customer's premises. A Company employee performing a disconnection of distribution service is not authorized to make any extended payment arrangements with the customer, but will, in lieu of disconnection, accept payment of the delinquent amount plus \$18.00, the cost to the Company of having the employee at the customer's premises to perform the disconnection. The Company may, when in its judgment its employees would be subject to physical harm, require the payment to be by means other than cash. The collection trip charge will not be assessed more than once in any billing period.

If a customer has been disconnected, upon payment or proof of payment of the delinquent amount for distribution services plus a reconnection fee as specified below, which

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Schedule E2.1 Part 4D Page 62 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

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P.U.C.O. NO. 4920

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

represents the cost to the Company of disconnecting and reconnecting a customer during the Company's normal working hours, the Company will reconnect the distribution service on this same day, if such payment or proof of payment is made at the Company's authorized payment agent by 12:30 p.m., and otherwise as soon as possible but not later than the close of the Company's next regular working day. When such payment is made after 12:30 p.m. and the Company's employees cannot reconnect the distribution service prior to the end of their normal workday, and the customer prefers to be reconnected prior to the beginning of the next regular workday, the disconnection and reconnection charge payable prior to reconnection will be the evertime rate specified below, an amount which recognizes the Company's average additional cost of reconnecting a customer outside of normal working hours.

Reconnection Service Charges:

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TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

24. DENIAL OR DISCONTINUANCETION OF SERVICE

The Company reserves the right to refuse any applicant for service if the applicant is indebted to the Company for any service theretofore rendered at any location, provided the Company shall advise applicant to such effect, and provided that indebtedness for one (1) class of service shall not cause the refusal of service to a different class of service. The Company reserves the right to discontinue to serve any customer without notice in case of an emergency or to prevent theft from or fraud upon the Company. Distribution—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 services fraudulently obtained and for any damage to property of the Company.

Subject to the further provisions for residential customers contained in Chapter 4901:1-18 of the Ohio Administrative Code which is herein incorporated by reference as it is from time to time amended, the Company also reserves the right after at least five (5) days' notice in writing to discontinue to serve any customer (1) who is indebted to the Company for any service theretofore rendered at any location (on other than equal payment plan accounts having a credit balance), and provided that indebtedness for one (1) class of service shall not cause the disconnection of service to a different class of service (2) for failure to provide and maintain adequate security for the payment of bills as requested by the Company, or (3) for failure to comply with these Terms and Conditions. Any discontinuance of service shall not terminate the contract between the Company and the customer nor shall it abrogate any minimum charge which may be effective.

When a Company employee is dispatched to a customer's premises for the purpose of performing collection activities due to the customer's delinquency, the customer will be charged \$16.00. A Company employee performing a disconnection is not authorized to make any extended payment arrangements with the customer. The collection charge of \$16.00 will be assessed to the account every time a collection trip is made. The Company, normally, would make no more than two (2) trips per month to any one customer's premises.

During the period from November 1 through April 15, the Company makes a second trip if collection is not made on the first trip, even though contact on the first trip took place. The second trip will be made at least 10 days later only if the account remains delinquent. During the remainder of the year, only one trip will be made to the customer's premises.

If a customer has been disconnected, upon payment or proof of payment of the delinquent amount for distribution services plus a reconnection fee as specified below, which represents the cost to the Company of disconnecting and reconnecting a customer during the Company's normal working hours, the Company will reconnect the distribution electric service on this same day, if such payment or proof of payment is made at the Company's authorized payment agent by 12:30 p.m., and otherwise as soon as possible but not later than the close of the Company's next regular working day. When such payment is made after 12:30 p.m. and the Company's employees cannot reconnect the service prior to the end of their normal workday, and the customer prefers to be reconnected prior to the beginning of the next regular workday, the disconnection and reconnection charge payable prior to reconnection will be the overtime rate specified below, an amount which recognizes the Company's average additional cost of reconnecting a customer outside of normal working hours. No reconnect for non-payment will be

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TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

made after 9:00 PM from April 15 through October 31 or after 7:00 PM November 1 through April 14.

Reconnection Service Charges

When distribution service has been terminated for nonpayment, the following charges shall apply for reconnection of service.

During Normal Business Hours

Reconnect at Meter	\$53.00
Reconnect at Pole	\$154.00
Install Locking Device and Reconnect	\$73.00

Other Than Normal Business Hours	Off-Shift	Sunday or Holiday
Reconnect at Meter	\$98.00	\$119.00
Reconnect at Pole	\$192.00	\$221.00

When <u>distribution</u>-service has been terminated, at the <u>customer's request</u>, for non-credit related reasons, the <u>customer will</u> be assessed a \$77.00 charge for the <u>disconnection</u>, as well as a \$77.00 charge for the <u>subsequent reconnection</u>.

25. EXTENSION OF LOCAL FACILITIES

The Company shall construct suitable electric transmission and distribution facilities under this line extension policy to serve customer promises when the customer can not be served from existing electrical facilities.

Customers requesting new or expanded electric service shall submit detailed and complete information which may include but not be limited to switch size, requested delivery voltage, total estimated load, listing of connected loads, operating characteristics, site survey plans (showing other utilities or underground infrastructure) and first floor elevations before the Company can develop a plan of service and prepare a construction east estimate.

The Company will determine the modifications to the Company's transmission and/or distribution facilities required to provide for a basic service plan to serve the customer's load. The Company will design, construct, own, operate and maintain the line extension and all other equipment installed to serve the customer's load up to the point of service for each customer.

Upon receipt of the necessary information from the customer, the Company will comply with Chapter 4901:1-9-07 of the Ohio Administrative Code and exercise its best efforts to expedite the entire process for developing a service plan and preparing a cost estimate.

The Company shall have no obligation to extend, expand or rearrange its facilities if it determines that the existing facilities are adequate to serve the customer's electrical load.

Definitions Used in This Section

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Schedule E2.1 Part 4D Page 65 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

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P.U.C.O. NO. 1920

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- 1."Basic service plan" means the least sect line extension design using sound engineering practices which meet and/or exceed the National Electrical Safety Code and the Company's construction standards.
- "Contribution in aid of construction or CIAC" means any amount of mency or property contributed to the Company to the extent that the purpose of the contribution is to provide for line extensions for new or expanded outcomer leads.
- 3."Cost estimate" means the datailed projected expenditure, including material costs and overhead, equipment costs and overhead, labor costs and overhead, and all taxes associated with each major material and service component, required for a line extension. It shall also separately identify any incremental costs associated with providing premium services. The Company may, for the purpose of standardization, establish standard construction cost estimates, for basic or premium service plans, which shall not exceed, in any event, the average cost of constructing such line extensions in the area involved, in which case the term "cost estimate" as used in this costion will be understood to mean the standard estimate thus established.
- 4. "Line extension" means the prevision of facilities (including, but not limited to, poles, fixtures, wires, and appurtenances) necessary for delivering electrical energy from the point of origin to one or more of the customer's points of delivery. Facilities provided by the Company to maintain, protect, upgrade, or improve its overall distribution system (even if necessary due to a customer's load addition) are not considered part of a line extension.

(Continued on Sheet No. 3-21D)

1st-Revised Sheet No. 3-21D Cancels Original Sheet No. 3-21D Original Sheet No. 3-53D

P.U.C.O. NO. 4920

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- 5."Multifamily installation" means any line extension to a new residential dwelling that will have two or more dwelling units, where each unit has a separate account for electric service.
- 6."Permanent" means a) a structure that has a permanently installed pressurized domestic water system and septic/sewer system which complies with local codes/regulations and is approved for use by the respective sanitation jurisdictional authority, or b) a structure that is approved for installation on a foundational support that is either a mortared mesonry pier/column configuration, a poured concrete slab, or a poured concrete feeter and mortared mesonry walls on the perimeter of the structure.
- 7."Point of origin" means the point where a line-extension under this rule connects with and receives energy from any existing transmission or distribution equipment. The point of origin shall be the nearest practical point to the customers to be served by the line extension at which the appropriate voltage level is available.
- 8. Premium service includes, but is not limited to, customer-requested oversizing of facilities, underground construction, three phase residential service, and any customer request that is in excess of standard construction and requirements necessary to provide electric service to the customer.

Line Extensions

- 1.For line extensions to residential single family homes, both individual homes and homes in a development, unless noted otherwise, the following shall apply:
 - a.The Company shall be responsible for all costs, excluding 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, single-phase installation), up to five thousand dollars.
 - b.The customer shall be responsible for the incremental costs of premium services prior to the start of construction.
 - c.The customer shall make arrangements with the Company for the payment of the non-premium-line extension costs that exceed five thousand dollars. The Company shall afford the nondeveloper, individual homeowner the option of paying those costs, plus carrying costs, on a prerated monthly basic for up to fifty months.
- 2.For line extensions to residential, non-master-metered, multifamily installations (two-or more units) the following shall apply:
 - a.The Company shall be responsible for all costs, excluding 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, single-phase installation), up to twenty-five hundred-dellare per unit.
 - b.The customer shall be responsible for the incremental costs of premium services prior to the start of construction.
 - c.The customer shall make arrangements with the Company for the payment of the non-premium line extension costs that exceed twenty-five hundred dollars per unit.

(Continued on Sheet No. 3-22D)

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TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- 3.For line extensions to nonresidential customers the following shall apply:
 - a.The Company chall be responsible for sixty per cent of the total cost of the line extension, excluding the incremental costs of premium services (the sum of the Company's cost to previde the premium installation minus the Company's cost to install, in accordance with good utility practice, a standard line extension to the project).
 - b.The customer shall be responsible for forty per cent of the total cost of the line extension plus the incremental costs of premium services prior to the start of construction.
 - e.If a substation is required as part of the line extension project to a customer, the customer shall be given the option of building (pursuant to all applicable electrical standards), owning, and maintaining such substation.
- 4.The payment for premium services and for the cost of residential construction in excess of the limits of five thousand dellars for single-family residences and twenty-five hundred dellars per unit for multifamily residences shall be considered as contribution in aid of construction (CIAC) and shall be gressed up by the effect of applicable taxes.
- 5.Costs attributed to land clearance activity, trenching, and backfilling required for the installation of line extension facilities on the customer's property are the responsibility of the customer.
- 6.All line extensions shall be the property of and shall be operated and maintained by the Company.
- 7.The Company shall have the right to use any line extension in furnishing service to any applicant located adjacent to such line extension and the further right to construct other extensions from the distribution facilities so constructed.
- 8.Any customer who paid to the Company a CIAC, other than for premium services, may be entitled to a refund of a portion of the CIAC paid in accordance with the following:
 - a.lf any new customer, within fifty months of the completion of a line extension project for which an existing customer has paid to the Company a CIAC, utilizes all or part of the facilities for which the CIAC has been paid, the existing customer who paid the CIAC may be entitled to a refund which represents a pre-rate portion of the original CIAC calculated to equitably share the CIAC responsibility for those facilities used in service by both the new and original customer.
 - b.lf any new additional customer, within fifty months of the completion of the line extension project for which existing customers have paid to the Company a CIAC, utilizes all or part of the facilities for which a CIAC has been paid, any existing customers who paid the CIAC may also be entitled to a refund.
 - Any refunds made under a. or b., above shall be after payment has been received from the new customer.

25. <u>DISCONNECT PROVISIONS – NON-RESIDENTIAL</u>

The company may refuse or disconnect service to non-residential customers for any of the following reasons:

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Issued: December 9, 2009

1st Revised Sheet No. 3-16D Cancele Original Sheet No. 3-16D Original Sheet No. 3-55D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- (A) When the customer violates or fails to comply with the contract or tariffs):
- (B) When service to a customer or consumer violates any law of this state or any political subdivision thereof, or any federal law or regulation;
- (C) When a customer or consumer tampers with eCompany property or engages in a fraudulent practice to obtain service, as set forth in rule 4901:1-10-20 of the Ohio Administrative Code;
- (D) For using electricity or equipment which adversely affects service to other customers or consumers, e.g., voltage fluctuations, power surges, and interruptions of service;
- (E) When a safety hazard to consumers or their premises, the public, or to the eCompany personnel or facilities exists:
- (F) When the customer, landlord of the tenant/customer, or tenant leasing the landlord/customer's premises refuses access to companiesCompany's facilities or equipment on the customer's property or property leased by the customer:
- (G) For nonpayment of bills and any tariff charges, including security deposits and amounts not in bona fide dispute. Where the customer has registered a complaint with the eCommission's public interest center or filed a formal complaint with the eCommission which reasonably asserts a bona fide dispute, the Company shall not disconnect service if the customer pays either the undisputed portion of the bill or the amount paid for the same billing period in the previous year;
- (H) When the customer vacates the premises;
- (I) For repairs, provided that the eCompany has notified consumers prior to scheduled maintenance interruptions in excess of six hours:
- (J) Upon the customer's request;
- (K) A former customer, whose account with that is in arrears for service furnished at the premises, resides at, or has requested service for, such premises;
- (L) When an emergency may threaten the health or safety of a person, a surrounding area, or the operation of the empaniesCompany's electrical system; and
- (M) For other good cause shown.

Suspension of distribution service for any of the above reasons shall not terminate the contract for distribution service. The authorized agents or employees of the Company shall have free access at all reasonable hours to the premises of the customer for purposes of disconnecting and reconnecting service.

26. CHANGING COMPETITIVE SERVICE PROVIDERS

Standard Offer Service will be provided under the Company's standard schedules.

<u>Customers may change Competitive Service Providers (CSPs) no more than once during</u> any month subject to the provisions below.

Requests to change a customer's Competitive Retail Electric Service (CRES) Provider must be received by the Company from the new CRES Provider. If the Company receives such a request to change a customer's CRES Provider, the customer shall be notified by the Company concerning the requested change within two business days. If the customer challenges the requested change, the change will not

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P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

be initiated. Residential and General Service-1 customers have The customer has seven (7) days from the postmark date on the notice to contact the Company to rescind the enrollment request or notify the Company that the change of CRES Provider was not requested by the customer. General Service-2, 3, and 4 customers must contact the CRES Provider directly to stop the switch. Within two business days after receiving a customer request to rescind enrollment with a CRES Provider, the Company shall initiate such rescission and mail the customer confirmation that such action has been taken.

Any request for initial service under the Company's open access distribution schedules or subsequent changes to a customer's MSP, MDMA and/or BA must be provided by the CRES Provider that provides energy services to the customer and arranges for such MSP, MDMA and/or BA services on behalf of the customer. The CRES Provider must obtain, and maintain documentation of, authorization from the customer for any changes in MSP, MDMA and/or BA.

The customer shall pay a charge of \$10.00 to the Company for each transaction in which a customer authorizes a change in one or more CSPs. However, this switching charge shall not apply in the following specific circumstances; (a) the customer's initial change to service under the Company's open access distribution schedules and service from an CRES Provider, (b) the customer's CRES Provider is changed involuntarily. (c) the customer returns to service from the customer's former CRES Provider following an involuntary change in CRES Provider, or (d) the customer's former CRES Provider's services have been permanently terminated and the customer must choose another CRES Provider.

In the event that a CSP's services are permanently terminated, and the CSP has not provided for service to the effected customers, the CSP shall send timely notification to the Company and the effected customers regarding the termination of such services. Such notification shall describe the process for selecting a new CSP and note that service will be provided by the Company under the Company's Standard Offer Service if a new CSP is not selected.

A customer's return to the Company's Standard Offer Service may be a result of customer choice, CRES Provider default, termination of a CRES Provider contract, opt out or termination of a governmental aggregation program, or CRES Provider withdrawal. A customer will be returned to Standard Offer Service only after the customer falls to choose an alternative CRES Provider unless the customer has elected to be exempt from the POLR rider, in that case the customer will be returned to the applicable Market Based Service schedule.

A customer may contact the Company and request to return to the Company's Standard Offer Service, unless the customer has elected to be exempt from the POLR rider, in that case the customer will be returned to the applicable Market Based Service schedule. The return to Standard Offer Service or the applicable Market Based Service schedule shall be conducted under the same terms and conditions applicable to an enrollment with a CRES Provider. The customer will have a seven (7) calendar day rescission period after requesting the Company's Standard Offer Service.

Provided the customer has observed the applicable notification requirements and the Company has effectuated the request to return to Standard Offer Service at least twelve (12)

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Schedule E2.1 Part 4D Page 70 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-56D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

calendar days prior to the next regularly scheduled meter reading date, the customer will be returned to Standard Offer Service on the next regularly scheduled meter reading date.

27. CUSTOMER CHOICE OF COMPETITIVE SERVICE PROVIDER

<u>Customers may elect energy services from a qualified CRES Provider, metering services</u> from a qualified Meter Service Provider (MSP), meter data management services from a qualified

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TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Meter Data Management Agent (MDMA) and/or billing services from a qualified Billing Agent (BA). Any MSP, MDMA and/or BA services provided to the customer must be arranged through the CRES Provider who provides energy services to the customer.

- Qualifications and other eligibility criteria for such entities are specified in the Supplier Terms and
 Conditions of Service. CRES Providers, MSPs, MDMAs and BAs are also subject to the rules
 and certification criteria established by the Commission for such entities as also incorporated in
 the Supplier Terms and Conditions of Service. CRES Providers, MSPs, MDMAs and BAs are
 collectively referred to as Competitive Service Providers (CSPs).
- Any customer who desires service from a CSP must first contract with a CRES Provider who will arrange for the provision of such services. The CRES Provider shall then notify the Company at least twelve (12) calendar days prior to the customer's regularly scheduled meter reading date after which the customer will receive service from the CSP. All changes in CRES Providers shall occur at the end of the customer's regularly scheduled meter reading date. Any request to change a customer's CRES Provider received after twelve (12) calendar days prior to the customer's regularly scheduled meter reading date shall become effective the subsequent billing month.
- No more than two CRES Providers may provide Competitive Retail Electric Service to a customer during any given billing month.
- A customer is not permitted to have partial Competitive Retail Electric Service. The CRES Provider(s) shall be responsible for providing the total energy consumed by the customer during any given billing month.
- <u>Upon request, customers will be sent an information package containing a summary of the Customer</u>

 Choice program and a current list of CRES Providers.
- The list of CRES Providers will be provided to any customer upon request, all new customers, any customer who is dropped for nonpayment by a CRES Provider, and any customer who returns to the Company's Standard Offer Service due to default by a CRES Provider.
- The list of CRES Providers will be posted on the Company's website. The list of CRES Providers will contain the names of those CRES Providers currently registered to enroll and actively seeking residential customers in the Company's service territory.
- The Company will offer to CRES Providers the Pre-Enrollment Customer Information List with updates available quarterly throughout the Market Development Period. Customers have the option to remove all of their information (including name, address and historical usage data) from the Customer Information List. Customers may also reinstate their information to the Customer Information List. Customers will be notified of such options quarterly throughout the Market Development Period.

28. LOSSES

Either the CRES Provider or the Transmission Provider may provide both transmission and distribution losses as required to serve customers at various delivery voltages. If a CRES Provider arranges to provide transmission losses under the provisions of the applicable Open Access Transmission

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P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Tariff, then the CRES Provider must also arrange for the appropriate distribution losses. Customers served at transmission and subtransmission voltages require no additional losses other than the losses specified in the applicable Open Access Transmission Tariff. Customers served at primary distribution voltage require 1.92.0% (CSP) or 2.4% (OP) additional average losses of amounts received by the Company for delivery to the customer. Customers served at secondary distribution voltage require 5.14% (CSP) or 5.9% (OP) additional average losses of amounts received by the Company for delivery to the customer.

29. TRANSMISSION SERVICE

Transmission service shall be made available under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with and accepted by the Federal Energy Regulatory Commission. Either a CRES Provider or the customer may contract with the Transmission Provider for transmission service under the applicable Open Access Transmission Tariff. The Transmission Provider is the applicable regional transmission entity. PJM Interconnection LLC is currently the applicable regional transmission entity. Customers contracting with the Transmission Provider for transmission service and all CRES Providers must complete all required actions relative to membership with the Transmission Provider and be authorized by the Transmission Provider to transact business with regard to transmission service. The contracting entity or its designee is responsible for scheduling under the tariff. Unless other arrangements have been made, the scheduling entity will be billed by the Transmission Provider for transmission services.

- The contracting entity must also purchase or provide ancillary services as specified under the applicable Open Access Transmission Tariff.
- Billing and payment shall be performed as specified in the applicable Open Access Transmission Tariff.

 Any remaining unpaid amounts and associated fees for transmission service are the responsibility of the customer.
- <u>Provisions for scheduling and imbalance are contained within the applicable Open Access Transmission Tariff.</u>

30. MINIMUM STAY REQUIREMENTS

- Large commercial and industrial customers returning to Standard Offer Service must remain on Standard Offer Service for a period of not less than twelve (12) consecutive months.
- Customers served under residential and small commercial (GS-1) rate schedules returning to the Company's Standard Offer Service will not be subject to a minimum stay requirement during the first year of the Market Development Period. After the first year of the Market Development Period, any such customer returning to the Company's Standard Offer Service must remain on the Company's Standard Offer Service through April 15 of the following year if that customer received the Company's Standard Offer Service at any time during the period from May 16 to September 15.

Any customer returning to the Market Based Service schedule, after making the election to be exempt from the POLR rider, will not be subject to any minimum stay period.

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Schedule E2.1 Part 4D Page 73 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-58D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

A customer returning to the Company's Standard Offer Service as a result of opting out of a governmental aggregation program or as a result of a CRES Provider default during the Market Development

1st-Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-59D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Period as described in Sections 4928.20(D) and 4928.35(D). Ohio Revised Code, will not be subject to the above minimum stay requirements.

Any residential or small commercial customer returning to the Company's Standard Offer Service and subject to the minimum stay provision will be given appropriate notice by the Company. The customer will be given at least 14 days notice that the customer will be returned to the Company's Standard Offer Service subject to the minimum stay period provision above if the customer fails to choose another alternative.

Such notice will clearly specify (1) the date by which the customer must choose another CRES Provider or alternative and that the customer will return to the Company's Standard Offer Service if the customer fails to make such choice; (2) the minimum stay period during which the customer will be ineligible to choose another CRES Provider; and (3) any alternatives available to the customer to avoid the minimum stay period.

31. SUPPLIER TERMS AND CONDITIONS OF SERVICE

1. CONTENTS

Paragraph	Section
2	Application
<u>3</u>	Customer Chaice of Competitive Service Provider
4	Changing Competitive Service Providers
<u>5</u>	Minimum Stav Requirements
<u>6</u>	General Provisions for Competitive Service Providers
7	Transmission Service
8	Supplier Certification with the Commission
9	CRES Provider Registration with the Company
<u>10</u>	CRES Provider Credit Requirements
<u>11</u>	Customer Enrollment Process
<u>12</u>	Confidentiality of Information
<u>13</u>	<u>Losses</u>
14	Meter Service Providers (MSPs)
<u>15</u>	Meter Data Management Agents (MDMAs)
<u>16</u>	Consolidated Billing By a Billing Agent (BA)
17	Consolidated Billing By the Company
<u> 18</u>	Metering and Load Profiling
19	<u>Deposits</u>
20	Payments
<u>21</u>	Company's Liability
22	Competitive Service Provider's Liability
23	Meter Accuracy and Tests
24	Billing Corrections
<u>25</u>	Termination or Suspension of a CRES Provider

2. APPLICATION

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TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- These Supplier Terms and Conditions of Service apply to any person, firm, copartnership, voluntary association, joint-stock association, company or corporation, wherever organized or incorporated, that is engaged in the business of supplying electricity to customers that take distribution service from the Company. These Supplier Terms and Conditions of Service also apply to any such entity that is engaged in the business of providing metering, meter data management and billing services to customers that take distribution service from the Company.
- A copy of the Supplier Terms and Conditions of Service under which service is to be rendered will be furnished upon request.
 - 3. CUSTOMER CHOICE OF COMPETITIVE SERVICE PROVIDER
- Customers taking service under the Company's Terms and Conditions of Open Access Distribution

 Service may elect energy services from a qualified CRES Provider, metering services from a qualified Meter Service Provider (MSP), meter data management services from a qualified Meter Data Management Agent (MDMA) and/or billing services from a qualified Billing Agent (BA). Any MSP, MDMA and/or BA services provided to the customer must be arranged through the CRES Provider who provides energy services to the customer.
- Qualifications and other eligibility criteria for such entities are specified herein. CRES Providers. MSPs.

 MDMAs and BAs are also subject to the rules and certification criteria established by the

 Commission for such entities as incorporated herein. CRES Providers, MSPs, MDMAs and BAs

 are collectively referred to as Competitive Service Providers (CSPs).
- Any customer who desires service from a CSP must first contract with a CRES Provider who will arrange for the provision of such services. The CRES Provider shall then notify the Company at least twelve (12) calendar days prior to the customer's regularly scheduled meter reading date after which the customer will receive service from the CSP. All changes in CRES Provider shall occur at the end of the customer's regularly scheduled meter reading date. Any request to change a customer's CRES Provider received after twelve (12) calendar days prior to the customer's regularly scheduled meter reading date shall become effective the subsequent billing month.
- Upon request, customers will be sent an information package containing a summary of the Customer Choice program and a current list of CRES Providers.
- The list of CRES Providers will be provided to any customer upon request, all new customers, any customer who is dropped for nonpayment by a CRES Provider, and any customer who returns to the Company's Standard Offer Service due to default by a CRES Provider.
- The list of CRES Providers will be posted on the Company's website. The list of CRES Providers will contain the names of those CRES Providers currently registered to enroll and actively seeking residential customers in the Company's service territory.
 - 4. CHANGING COMPETITIVE SERVICE PROVIDERS

Standard Offer Service will be provided under the Company's standard schedules.

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TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Customers may change CSPs no more than once during any month subject to the provisions below.

- Requests to change a customer's CRES Provider must be received by the Company from the new CRES Provider. If the Company receives such a request to change a customer's CRES Provider, the customer shall be notified by the Company concerning the requested change within two business days. If the customer challenges the requested change, the change will not be initiated. Residential and General Service—1 customers have The customer has seven (7) days from the postmark date on the notice to contact the Company to rescind the enrollment request or notify the Company that the change of CRES Provider was not requested by the customer. General Service—2, 3, and 4 customers must contact the CRES Provider directly to stop the switch. Within two business days after receiving a customer request to rescind enrollment with a CRES Provider, the Company shall initiate such rescission and mail the customer confirmation that such action has been taken.
- Any request for initial service for a customer under the Company's open access distribution schedules or subsequent changes to a customer's MSP, MDMA and/or BA must be provided by the CRES Provider that provides energy services to the customer and arranges for such MSP, MDMA and/or BA services on behalf of the customer. The CRES Provider must obtain, and maintain documentation of, authorization from the customer for any changes in MSP, MDMA and/or BA.
- The customer shall pay a charge of \$10.00 to the Company for each transaction in which a customer authorizes a change in one or more CSPs. However, this switching charge shall not apply in the following specific circumstances: (a) the customer's initial change to service under the Company's open access distribution schedules and service from a CRES Provider. (b) the customer's CRES Provider is changed involuntarily. (c) the customer returns to service from the customer's former CRES Provider following an involuntary change in CRES Provider, or (d) the customer's former CRES Provider's services have been permanently terminated and the customer must choose another CRES Provider.
- In the event that a CSP's services are permanently terminated, and the CSP has not provided for service to the effected customers, the CSP shall send timely notification to the Company and the effected customers regarding the termination of such services. Such notification shall describe the process for selecting a new CSP and note that service will be provided by the Company under the Company's Standard Offer Service if a new CSP is not selected.
- A customer's return to the Company's Standard Offer Service may be a result of customer choice, CRES

 Provider default, termination of a CRES Provider contract, opt out or termination of a

 governmental aggregation program, or CRES Provider withdrawal. A customer will be returned to

 Standard Offer Service only after the customer falls to choose an alternative CRES Provider

 unless the customer has elected to be exempt from the POLR rider, in that case the customer will

 be returned to the applicable Market Based Service schedule.
- A customer may contact the Company and request to return to the Company's Standard Offer Service.

 unless the customer has elected to be exempt from the PQLR rider, in that case the customer will be returned to the applicable Market Based Service schedule. The return to Standard Offer Service or the applicable Market Based Service schedule shall be conducted under the same terms and conditions applicable to an enrollment with a CRES Provider. The customer will have a seven (7) calendar day rescission period after requesting the Company's Standard Offer Service.

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Issued: December 9, 2009

Schedule E2.1 Part 4D Page 77 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-61D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Provided the customer has observed the applicable notification requirements and the Company has effectuated the request to return to Standard Offer Service at least twelve (12) calendar days prior to the next regularly scheduled meter reading date, the customer will be returned to Standard Offer Service on the next regularly scheduled meter reading date.

5. MINIMUM STAY REQUIREMENTS

1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-62D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- Large commercial and industrial customers returning to Standard Offer Service must remain on Standard Offer Service for a period of not less than twelve (12) consecutive months.
- Any customers served under residential and small commercial (GS-1) rate schedules returning to the Company's Standard Offer Service must remain on the Company's Standard Offer Service through April 15 of the following year if that customer received the Company's Standard Offer Service at any time during the period from May 16 to September 15.

Any customer returning to the Market Based Service schedule, after making the election to be exempt from the POLR rider, will not be subject to any minimum stay period.

A customer returning to the Company's Standard Offer Service as a result of opting out of a governmental aggregation program or as a result of a CRES Provider default as described in Sections 4928.20(D) and 4928.35(D), Ohio Revised Code, will not be subject to the above minimum stay requirements.

Customers of a governmental aggregation where the legislative authority that formed such governmental aggregation has filed written notice with the Commission pursuant to Section 4928.20 (J). Ohio Revised Code, that it has elected not to receive default service from the Company at standard service offer rates may not return to the Company's standard service offer. Such customers shall pay for service at the prevailing market price of power plus costs of the Company's compliance with the alternative energy resource provisions of section 4928.64, Ohio Revised Code.

Any residential or small commercial customer returning to the Company's Standard Offer Service and subject to the minimum stay provision will be given appropriate notice by the Company. The customer will be given at least 14 days notice that the customer will be returned to the Company's Standard Offer Service subject to the minimum stay period provision above if the customer fails to choose another alternative. Such notice will clearly specify (1) the date by which the customer must choose another CRES Provider or alternative and that the customer will return to the Company's Standard Offer Service if the customer fails to make such choice; (2) the minimum stay period during which the customer will be ineligible to choose another CRES Provider; and (3) any alternatives available to the customer to avoid the minimum stay period.

6. GENERAL PROVISIONS FOR COMPETITIVE SERVICE PROVIDERS

A CSP must comply with all rules and requirements established by the Commission pertaining, but not limited to, general business practices, information disclosure, customer contract rescission, dispute resolution, customer authorization for switching suppliers, termination of customer contracts, information exchange and supply obligations. A CSP must also agree to comply with all applicable provisions of the Company's open access distribution service schedules, Supplier Terms and Conditions of Service, Terms and Conditions of Open Access Distribution Service, and the applicable Open Access Transmission Tariff. A CSP must also comply with the National Electrical Safety Code if applicable to the service provided by the CSP.

Ne more than two CRES Providers may provide Competitive Retail Electric Service to a customer during any given billing month.

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TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

A customer is not permitted to have partial Competitive Retail Electric Service. The CRES Provider(s) shall be responsible for providing the total energy consumed by the customer during any given billing month.

7. TRANSMISSION SERVICE

Transmission service shall be made available under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with and accepted by the Federal Energy Regulatory Commission. Either a CRES Provider or the customer may contract with the Transmission Provider for transmission service under the applicable Open Access Transmission Tariff. The Transmission Provider is the applicable regional transmission entity. PJM Interconnection LLC is currently the applicable regional transmission entity. Customers contracting with the Transmission Provider for transmission service and all CRES Providers must complete all required actions relative to membership with the Transmission Provider and be authorized by the Transmission Provider to transact business with regard to transmission service. The contracting entity or its designee is responsible for scheduling under the tariff. Unless other arrangements have been made, the scheduling entity will be billed by the Transmission Provider for transmission services. The contracting entity must also purchase or provide ancillary services as specified under the applicable Open Access Transmission Tariff.

- Transmission service shall be made available under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with and accepted by the Federal Energy Regulatory Commission. Either a CRES Provider or the customer may contract with the Transmission Provider for transmission convice under the applicable Open Access Transmission Tariff. The Transmission Provider is the applicable regional transmission entity. PJM Interconnection LLC is currently the applicable regional transmission entity.
- Cuetomers contracting with the Transmission Provider for transmission service and all CRES Providers must complete all required actions relative to membership with the Transmission Provider and be authorized by the Transmission Provider to transact business with regard to transmission service. The contracting entity or its designee is responsible for scheduling under the tariff. Unless other arrangements have been made, the scheduling entity will be billed by the Transmission Provider for transmission services. The contracting entity must also purchase or provide ancillary services as specified under the applicable Open Access Transmission Tariff.
- Billing and payment shall be performed as specified in the applicable Open Access Transmission Tariff.

 Any remaining unpaid amounts and associated fees for transmission service are the responsibility of the customer.
- <u>Provisions for scheduling and imbalance are contained within the applicable Open Access Transmission</u>
 Tariff.
 - 8. SUPPLIER CERTIFICATION WITH THE COMMISSION
- Suppliers desiring to become CRES Providers must first be certified by the Commission and shall be subject to any certification criteria adopted by the Commission according to Section 4928.08, Ohio Revised Code.

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AEP Ohio

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P.U.C.O, NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

9. CRES PROVIDER REGISTRATION WITH THE COMPANY

- CRS Providers desiring to provide Competitive Retail Electric Service to customers located within the Company's Service Territory must also register with the Company. The following information must be provided in order to register with the Company:
 - a. Proof of certification by the Commission, including any information provided to the Commission as part of the certification process. The registration process may be initiated upon receipt by the Company of an application for certification by the Commission. However, the Company will not complete the registration process until proof of certification by the Commission has been provided.
 - b. A completed copy of the Company's CRES Provider Registration Application, along with a non-refundable \$100.00 registration fee payable to the Company.
 - c. After the first year, a \$100.00 annual registration fee payable to the Company.
 - d. An appropriate financial instrument to be held by the Company against CRES Provider defaults and a description of the CRES Provider's plan to procure sufficient electric energy and transmission services to meet the requirements of its firm service customers.
 - e. The name of the CRES Provider, business and mailing addresses, and the names, telephone numbers and e-mail addresses of appropriate contact persons, including the 24-hour emergency contact telephone number and emergency contact person(s).
 - f. Details of the CRES Provider's dispute resolution process for customer complaints.
 - g. A signed statement by the officer(s) of the CRES Provider committing it to adhere to the Company's Open Access Distribution Schedules, Terms and Conditions of Open Access Distribution Service, Supplier Terms and Conditions of Service and any additional requirements stated in any agreement between the CRES Provider and the Company regarding services provided by either party.
 - h. An Executed EDI Trading Partner Agreement and completion of EDI testing for applicable transaction sets necessary to commence service.
 - i. The Company shall approve or disapprove the CRES Provider's registration within thirty (30) calendar days of receipt of complete registration information from the CRES Provider. The thirty (30) day time period may be extended for up to thirty (30) days for good cause shown, or until such other time as is mutually agreed to by the CRES Provider and the Company.
- The Company will notify the CRES Provider of incomplete registration information within ten (10) calendar days of receipt. The notice to the CRES Provider shall include a description of the missing or incomplete information.

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Schedule E2.1 Part 4D Page 81 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

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P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Alternative dispute resolution under the provisions of Chapter 4901:1-26 of the Ohio Administrative Code shall be available to CRES Providers and the Company to address disputes and differences between the parties.

10. CRES PROVIDER CREDIT REQUIREMENTS

The Company will apply, on a non-discriminatory and consistent basis, reasonable financial standards to assess and examine a CRES Provider's creditworthiness. These standards will take into consideration the scope of operations of each CRES Provider and the level of risk to the Company. This determination will be aided by appropriate data concerning the CRES Provider, including load data or reasonable estimates thereof, where applicable.

In considering a CRES Provider's creditworthiness, the Company will review whether the CRES Provider has, and maintains, stable, or better, investment grade senior unsecured (unenhanced) long-term debt ratings from any two of the following three rating agencies:

	SENIOR UNSECURED
AGENCY	LONG-TERM DEBT RATINGS
Standard & Poors	BBB- or higher
Moody's Investors' Services	Baa3 or higher
<u>Fitch</u>	BBB- or higher

The CRES Provider also will provide the Company, for its creditworthiness determination, with its or its parent's independently-audited financial statements, or Form 10K (if applicable), for the last three fiscal years, and its or its parent's most recent quarterly unaudited financial statements or Form 10-Q (if applicable).

The Company shall make reasonable alternative credit arrangements with a CRES Provider that is unable to establish its creditworthiness or with those CRES Providers whose credit requirements exceed their allowed unsecured credit limit. The CRES Provider may choose from any of the following credit arrangements, which must be in an acceptable format and from an acceptable issuer to the Company: a guarantee of payment; an irrevocable Letter of Credit; a Prepayment Account established with the Company; a Surety Bond, including the Company as a beneficiary; or other mutually agreeable security or arrangement. The alternate credit arrangements may be provided by a party other than the CRES Provider, including one or more ultimate customers. The fact that a guarantee of payment, irrevocable Letter of Credit, Prepayment Account, or Surety Bond is provided by a party other than the CRES Provider shall not be a factor in the determination of the reasonableness of any alternative credit arrangement, as long as such party and the related credit arrangements meet the Company's standard credit requirements. The amount of the security required must be and remain commensurate with the financial risks placed on the Company by that CRES Provider, including recognition of that CRES Provider's performanceA-CRES Provider shall satisfy its creditworthiness requirement and receive an unsecured credit limit by demonstrating that it has, and maintains, investment grade long-term bend ratings from any two of the following four rating agencies:

Filed pursuant to Order dated December 2, 2009 in Case No. 09-1003-EL-ATA

Issued: December 9, 2000

Schedule E2.1 Part 4D Page 82 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-65D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

AGENCY	SENIOR SECURITIES PATING (BONDS)
Standard & Poors	BBB- or higher
Moody's Investors' Services	Baa3 or higher
Fitch IBCA	BBB- or higher
Duff & Phelps Credit Rating Company	BBB- or higher

The CRES Provider will provide the Company with its or its parent's most recent independently-audited financial statements (if applicable), and its or its parent's most recent Form 10-K and Form 10-Q (if applicable).

The Company shall make reasonable alternative credit arrangements with a CRES Provider that is unable to meet the aforementioned criteria and with those CRES Providers whose credit requirements exceed their allowed unsecured credit limit. The CRES Provider may choose from any of the following credit arrangements in a format acceptable to the Company: a guarantee of payment; an irrevocable Letter of Credit; a Prepayment Account established with the Company; a Surety Bond, including the Company as a beneficiary; or other mutually agreeable security or arrangement. The alternate credit arrangements may be provided by a party other than the CRES Provider, including one or more ultimate customers. The fact that a guarantee of payment, irrevocable Letter of Credit, Prepayment Account, or Surety Bond is provided by a party other than the CRES Provider shall not be a factor in the determination of the reasonableness of any alternative credit arrangement, as long as such party and the related credit arrangements meet the Company's standard credit requirements. The amount of the security required must be and remain commensurate with the financial risks placed on the Company by that CRES Provider, including recognition of that CRES Provider's performance.

The Company shall make reasonable alternative credit arrangements with a CRES Provider that is unable to meet the aforementioned criteria and with these CRES Providers whose credit requirements exceed their allowed unsecured credit limit. The CRES Provider may choose from any of the following credit arrangements in a format acceptable to the Company: a guarantee of

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Joseph Hamrock, President AEP Ohio

1** Revised Shoet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-66D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- payment; an irrevocable Letter of Credit; a Prepayment Account established with the Company; a Surety

 Bond, including the Company as a beneficiary; or other mutually agreeable security or

 arrangement. The alternate credit arrangements may be provided by a party other than the CRES

 Provider, including one or more ultimate customers.
- The fact that a guarantee of payment, irrevocable Letter of Credit, Prepayment Account, or Surety Bend is provided by a party other than the CRES Provider shall not be a factor in the determination of the reasonableness of any alternative credit arrangement, as long as such party and the related credit arrangements meet the Company's standard credit requirements. The amount of the security required must be and remain commensurate with the financial risks placed on the Company by that CRES Provider, including recognition of that CRES Provider's performance.
- The Company will make available its credit requirements upon request. A CRES Provider may appeal the Company's determination of credit requirements to the Commission or seek Staff mediation as to any dispute.
 - 11. CUSTOMER ENROLLMENT PROCESS
- a. Pre-Enrollment Customer Information List
- Upon request, the Company will electronically provide to any CRES Provider certified by the Commission the most recent Customer Information List. The Company may request the CRES Provider willto pay the Company \$150.00 per list provided.
- The Company will offer the Customer Information List with updates available quarterly. Once the list has been updated, a CRES Provider may not use a Customer Information List from a prior quarter to contact customers, but CRES Providers shall not be required to purchase subsequent lists.
- The Company will provide customers the option to have all the customer's information listed in the section below removed from the Customer Information List. At the same time, the Company will also provide customers with the option to have all information listed below reinstated on the Customer Information List. Customers will be notified of such options quarterly.
- The following information will be provided on the Customer Information List for each customer who has not requested that all information be removed from this list:

Customer name

Service address

Service city

Service state and zip code

Mailing address

Mailing city

Mailing state and zip code

Rate schedule under which service

<u>is rendered</u>

Rider (if applicable)

Load profile reference category

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Issued: December 9, 2009

1st Revised Sheet No. 3-16D Cancele Original Sheet No. 3-16D Original Sheet No. 3-66D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Meter type (if readily available)
Interval meter data indicator (if readily available)
Budget bill / PIPP indicator
Meter reading cycle

Most recent twelve (12) months of historical consumption data (actual energy usage and demand, if available)

The Company will provide the Customer Information List by either a compact disc or on a designated website. The information will be prepared and distributed in a uniform and useable format that allows for data sorting. Customers participating in the percentage of income payment plan (PIPP) program will be coordinated exclusively through the PIPP program administered by the Ohio Department of Development.

b. CRES Provider Requests for Customer Information

CRES Providers certified by the Commission may request historical interval meter data through a Direct Access Service Request (DASR) after receiving the appropriate customer authorization. The interval meter data will be transferred in a standardized electronic transaction. The CRES Provider will be responsible for the incremental costs incurred to prepare and send such data.

c. Direct Access Service Requests

Enrollment of a customer is done through a DASR, which may be submitted only by a CRES Provider.

- DASRs will be effective at the end of the customer's next regularly scheduled meter reading date provided that the DASR is received by the Company at least twelve (12) calendar days before the next meter reading date.
- All DASRs will be submitted to the Company no more than thirty (30) calendar days prior to the scheduled meter reading date when the CRES Provider desires the switch to occur, unless otherwise agreed upon by the parties. The Company will process all valid DASRs and send the confirmation notice to the customer within two business days. Simultaneous with the sending of the confirmation notice to the customer, the Company will electronically advise the CRES Provider of acceptance. Notice of rejection of the DASR to the CRES Provider shall be sent within one business day, if possible, but in no event later than four (4) calendar days, and include the reasons for the rejection. The customer has seven (7) calendar days from the confirmation notice to cancel the contract without penalty. If the customer cancels the contract, the Company shall send a drop notice to the CRES Provider and the previous CRES Provider will continue to serve the customer under the terms and conditions in effect prior to submission of the new DASR.

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1st-Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-68D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- DASRs will be processed on a "first in" priority basis based on the received date, and using contract date as the tie-breaker. Any subsequent DASRs received within the same billing cycle will be rejected and returned to the CRES Provider who submitted the DASR.
- To receive service from a CRES Provider, a customer must have an active service account with the Company. After the service account is active, a CRES Provider may submit a DASR as described herein.
- d. Government Aggregation Customer Information List
- Upon request, the Company will provide to any governmental aggregator certified by the Commission a Government Aggregation Customer Information List. The Company will provide the Government Aggregation Customer Information List by compact disc. The information will be prepared and distributed in a uniform and useable format that allows for data sorting. The governmental aggregator will pay the Company \$500.00 per list provided.
- The list will include information for all customers residing within the governmental aggregator's boundaries based upon the Company's records, including an identification of customers who are currently in contract with a CRES provider or in a special contract with the Company. The list will also include those customers that elect to have their information removed from the Pre-Enrollment Customer Information List. The Company cannot guarantee that the list will include all of the customers residing within the aggregator's boundaries, nor can the Company guarantee that all the customers shown on the list reside within the aggregator's boundaries. In addition to all information included on the Pre-Enrollment Customer Information List, the Government Aggregation Customer Information List shall also include the customer's Service Delivery Identifier (SDI).

12. CONFIDENTIALITY OF INFORMATION

All confidential or proprietary information made available by one party to the other in connection with the registration of a CRES Provider with the Company and/or the subsequent provision and receipt of service under these Supplier Terms and Conditions of Service, including but not limited to load data, and information regarding the business processes of a party and the computer and communication systems owned or leased by a party, shall be used only for purposes of registration with the Company, receiving or providing service under these Supplier Terms and Conditions of Service and/or providing Competitive Retail Electric Service to customers in the Company's service territory. Other than disclosures to representatives of the Company or the CRES Provider for the purposes of enabling that party to fulfill its obligations under these Supplier Terms and Conditions of Service or for the CRES Provider to provide Competitive Retail Electric Service to customers in the Company's service territory, a party may not disclose confidential or proprietary information without the prior authorization and/or consent of the other party.

All confidential or preprietary information made available by one party to the other in connection with the registration of a CRES Provider with the Company and/or the subsequent provision and receipt of service under these Supplier Terms and Conditions of Service, including but not limited to lead data, and information regarding the business processes of a party and the computer and communication systems owned or leased by a party, shall be used only for purposes of registration with the Company, receiving or providing service under these Supplier Terms and

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1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-69D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- Conditions of Service and/or providing Competitive Retail Electric Service to customers in the Company's service territory:
- Other than disclosures to representatives of the Company or the CRES Previder for the purposes of enabling that party to fulfill its obligations under these Supplier Terms and Conditions of Service or for the CRES Previder to previde Competitive Retail Electric Service to customers in the Company's service territory, a party may not disclose confidential or proprietary information without the prior authorization and/or consent of the other party.
- The CRES Provider shall keep all customer-specific information supplied by the Company confidential unless the CRES Provider has the customer's written authorization to do otherwise.

13. LOSSES

Either the CRES Provider or the Transmission Provider may provide both transmission and distribution losses as required to serve customers at various delivery voltages. If a CRES Provider arranges to provide transmission losses under the provisions of the applicable Open Access Transmission Tariff, then the CRES Provider must also arrange for the appropriate distribution losses. Customers served at transmission and subtransmission voltages require no additional losses other than the losses specified in the applicable Open Access Transmission Tariff. Customers served at primary distribution voltage require 4.92.0% additional average losses of amounts received by the Company for delivery to the customer. Customers served at secondary distribution voltage require 5.15.4% additional average losses of amounts received by the Company for delivery to the customer.

14. METER SERVICE PROVIDERS (MSPs)

- MSPs desiring to provide service to customers in the Company's Service Territory must submit a written application to the Company in order to provide metering services for ownership, installation, inspection and auditing. Such application shall include the following:
 - A \$500.00 initial registration fee payable to the Company and a \$100.00 annual registration fee thereafter.
 - b. Proof of creditworthiness to the Company, including an appropriate financial instrument to be held by the Company and used in the event of damages as a result of the MSP's actions.
 - c. The name of the MSP, business and mailing addresses, and the names, telephone numbers and e-mail addresses of appropriate contact persons. including the 24-hour emergency contact telephone number and emergency contact person(s).
 - Details of the MSP's dispute resolution process for customer complaints.
 - e. A signed statement by the officer(s) of the MSP committing it to adhere to the Company's open access distribution schedules, Terms and Conditions of Open Access Distribution Service, Supplier Terms and Conditions of Service and any additional requirements stated in any agreement between the MSP and the Company regarding services provided by either party.
 - Proof of an electrical subcontractor's license issued by the Ohio Department of Commerce, including the name of the person or entity to which the license

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4^M-Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-70D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

<u>q.</u>	has been issued, license number and expiration date. Certification may
	require an employee to be a licensed electrician in the service area where
	work is performed.
<u>h.</u>	Description of the (a) applicant's electric meter installation, maintenance,
	repair and removal experience, (b) applicant's training and experience
	regarding electrical safety and (c) educational and training requirements in
	electrical work and safety that the MSP will require from its employees before
	they are permitted to install, maintain, repair or remove electric meters or
	metering devices.
The MOI	Danisat alan angan da Mar Callandan atau dan da Carandan da Angan ang da Angan
TUB MOI	must also agree to the following standards for metering services:
a.	The Company must approve the type of any and all metering equipment to
	be installed. Such metering and practices must conform with the
	Company's metering service guides and standards and must comply with
	the Meter Testing provision of the Company's Terms and Conditions of
	Open Access Distribution Service. A written agreement between the
	Company and the MSP shall specify those categories or types of meters
	for which the MSP is certified to install/remove or test/maintain.
b.	The MSP shall allow the Company to disconnect the MSP's meter, or
	promptly perform a disconnection as notified by the Company where a
	customer's service is subject to disconnection due to non-payment of
	distribution charges. The Company shall be permitted to audit the meter
	accuracy of MSP meters and to disconnect or remove a MSP's meter
	when necessary to maintain the safe and reliable delivery of electrical
	service. The MSP is responsible to acquire the right of ingress and
	egress from the customer to perform its functions. When necessary, the
	MSP must also seek written approval and secure from the customer any
	keys necessary to access locked premises.
C.	The MSP is responsible for detecting and immediately notifying the
<u>c.</u>	Company of hazardous conditions noted at the customer's electrical
	service and meter installation.
	service and meter installation.
d.	The MSP is responsible for recording and notifying the Company of
	conditions detected on the customer's premises which present potential
	for injury.
_	The MCD shall be accessible for confirming to Consequent standards for
6 .	The MSP shall be responsible for conforming to Company standards for
	sealing and resealing meters as well as properly resetting and sealing
	demand measurement devices.

15. METER DATA MANAGEMENT AGENTS (MDMAs)

MDMAs desiring to provide service to customers in the Company's Service Territory must submit a written application to the Company in order to provide any meter reading or data management services. Such application shall include the following:

Filed pursuant to Order dated December 2, 2009 in Case No. 00-1003-EL-ATA

Issued: December 9, 2009

Schedule E2.1 Part 4D Page 88 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 3-15D Cancels Original Sheet No. 3-15D Original Sheet No. 3-71D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- a. A \$100.00 annual registration fee payable to the Company.
- b. Proof of creditworthiness to the Company, including an appropriate financial instrument to be held by the Company and used in the event of damages as a result of the MDMA's actions.
- c. The name of the MDMA, business and mailing addresses, and the names, telephone numbers and e-mail addresses of appropriate contact persons, including the 24-hour emergency contact telephone number and emergency contact person(s).
- d. Details of the MDMA's dispute resolution process for customer complaints.
- e. A signed statement by the officer(s) of the MDMA committing it to adhere to the Company's Open Access Distribution Schedules, Terms and Conditions of Open Access Distribution Service, Supplier Terms and Conditions of Service and any additional requirements stated in any agreement between the MDMA and the Company regarding services provided by either party.
- f. Description of the (a) applicant's experience in meter reading, data validation, editing and estimation, and other data management activities and (b) educational and training requirements that the MDMA will require from its employees before they are permitted to perform such meter reading, data validation, editing and estimating and other data management activities.

The MDMA must also agree to the following standards for meter data management services:

- a. All billing meters shall be read each month, unless otherwise mutually agreed to by the MDMA and the Company.
- Meter data shall be read, validated, edited and transferred pursuant to Commission and Company approved standards. The Company and the MDMA must agree to common data formats for the exchange of validated data.
- c. The Company shall have reasonable access to the MDMA data server.
- d. The MDMA shall provide to the appropriate entities reasonable and timely access to meter data as required for billing, settlement, scheduling, forecasting and other functions.
- e. The MDMA shall retain the most recent twelve (12) months of data for any customer who elects the MDMA to perform meter reading and data management services. Such data must be retained for a minimum period of 36 months and must be released upon request to either the customer or an entity authorized by the customer.

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P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- f. Within five (5) business days after the installation of a meter, the MDMA must confirm with the Company that the meter and meter reading system are working properly and that the billing data is valid.
- g. No more than 10% of the individual meters read by the MDMA shall contain estimated data, with no single account being estimated more than two consecutive months. Estimated data must be based on historical data and load profile data as provided by the Company.
- h. The MDMA shall comply with the Company's time requirements for the posting of validated meter reading data on the MDMA server.
- i. The MDMA is responsible for acquiring the right of ingress and egress from the customer to perform its functions. When necessary, the MDMA must also seek written approval and secure from the customer any keys necessary to access locked premises.
- i. The MDMA is responsible for identifying suspected cases of the unauthorized use of energy and shall report such concerns to the customer's CRES Provider. Transmission Provider and the Company. The CRES Provider shall resolve such concerns and pursue the appropriate legal response and all necessary parties shall support this action. The customer's supplier of meter services (MSP or the Company) shall make the necessary meter corrections and/or repairs, and then notify the MDMA who shall correct the previous meter usage data and provide to the appropriate entities such data as required for billing, settlement, scheduling, forecasting and other functions. Any billing corrections shall be consistent with the provisions of the Company's Terms and Conditions of Service for Open Access Distribution Service.
- k. The MDMA is responsible for detecting and immediately notifying the Company of hazardous conditions noted at the customer's electrical service and meter installation.
- The MDMA is responsible for recording and notifying the Company of conditions detected on the customer's premises which present potential for injury.
- m. The MDMA shall be responsible for conforming to Company standards for sealing and resealing meters as well as properly resetting and sealing demand measurement devices.

16. CONSOLIDATED BILLING BY A BILLING AGENT (BA)

BAs desiring to provide service to customers in the Company's Service Territory must submit a written application to the Company in order to provide consolidated billing—related services to customers. Such application shall include the following:

a. A \$100.00 annual registration fee payable to the Company.

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1st Revised Sheet No. 3-16D Cancele Original Sheet No. 3-16D Original Sheet No. 3-73D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- b. Proof of creditworthiness to the Company, including an appropriate financial instrument to be held by the Company and used in the event of damages as a result of the BA's actions.
- c. The name of the BA, business and mailing addresses, and the names, telephone numbers and e-mail addresses of appropriate contact persons, including the 24-hour emergency contact telephone number and emergency contact person(s).
- d. Details of the BA's dispute resolution process for customer complaints.
- e. A signed statement by the officer(s) of the BA committing it to adhere to the open access distribution schedules. Terms and Conditions of Open Access Distribution Service, Supplier Terms and Conditions of Service and any additional requirements stated in any agreement between the BA and the Company regarding services provided by either party.
- f. Description of the (a) applicant's training and experience in billing collections, payment services and billing inquiries and (b) educational and training requirements for BA employees regarding such services.
- The Company and the BA must agree to common data formats for the exchange of billing data.
- A written agreement between the Company and the BA shall specify the bill format regarding transmission and distribution related services. Regardless of such format, each customer's bill rendered by the BA shall show charges for generation, transmission, distribution and other services covered under the particular bill and also indicate the provider of each service.
- The BA must agree to be subject to the same provisions as the Company, including requirements as specified in the Company's Open Access Distribution Schedules, Terms and Conditions of Open Access Distribution, Ohio Revised Code, and all other legislative and regulatory mandates regarding billing. The BA is responsible for electronically transmitting funds received from the customer for charges from Company for distribution service, together with the associated customer account data, on the same day as receiving said funds. The BA assumes responsibility for outstanding distribution service charges from the Company and is responsible for providing payment in full of all charges for distribution service from the Company by the due date in accordance with terms of the applicable open access distribution schedule. Failure of the BA to transmit such funds by the due date will result in late charges applied to the affected customer's account according to the provisions of the customer's open access distribution schedule. If the BA fails to provide payment to the Company by the due date of the next bill, the Company will thereafter directly bill the customer for distribution service from the Company. In addition, the financial instrument will be forfeited to the extent necessary to cover bills due and payable to the Company.
- The BA must agree to be subject to the same provisions as the Company, including requirements as specified in the Company's Open Access Distribution Schedules, Terms and Conditions of Open Access Distribution, Ohio Revised Code, and all other legislative and regulatory mandates regarding billing. The BA is responsible for electronically transmitting funds received from the customer for charges from Company for distribution service, tegether with the associated

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4st Revised Sheet No. 3 15D Cancels Original Sheet No. 3-15D Original Sheet No. 3-74D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- customer account data, on the same day as receiving said funds. The BA assumes responsibility for putetanding distribution service charges from the Company and is responsible for providing payment in full of all charges for distribution service from the Company by the due date in accordance with terms of the applicable open access distribution schedule. Failure of the BA to transmit such funds by the due date will result in late charges applied to the affected customer's account according to the provisions of the customer's open access distribution schedule.
- If the BA fails to provide payment to the Company by the due date of the next bill, the Company will thereafter directly bill the customer for distribution service from the Company. In addition, the financial instrument will be forfeited to the extent necessary to cover bills due and payable to the Company.
- The Company will provide a credit to BAs that are CRES Providers and that issue consolidated bills to their customers that include the Company's distribution charges. Such credit shall be equal to \$1.00 for each consolidated bill issued by the BA during the first one year period that the Company can accommodate such consolidated billing.

17. CONSOLIDATED BILLING BY THE COMPANY

- Upon request, the Company will offer Company-issued consolidated bills to customers receiving service from a CRES Provider upon execution of an appropriate agreement between the CRES Provider and the Company. Company-issued consolidated billing will include budget billing as an option.

 The CRES Provider will be responsible for the Company's incremental cost of issuing consolidated bills. The CRES Provider must electronically provide all information in a bill-ready format.
- At the Company's discretion, any customer receiving Company consolidated billing with a CRES Provider billing arrearage of more than 60 days may be switched back to the Company's Standard Offer Service or if the customer has elected to be exempt from the POLR rider, in that case the customer will be returned to the applicable Market Based Service schedule, and will not be permitted to select a new CRES Provider until the arrearage is paid.
- If the customer's CRES Provider defaults, the Company reserves the right to retain payments collected from the customer and to apply such payments to the Company's charges.

18. METERING AND LOAD PROFILING

- All customers with maximum monthly billing demands of 200 KkW or greater for the most recent twelve (12) months shall be interval metered. The customer or the customer's CRES Provider may request an interval meter for customers with maximum monthly billing demands less than 200 kW.
- The cost of any interval metering facilities installed by the Company to comply with this requirement or as a result of such request shall be paid by the customer. The customer shall make a one-time payment for the metering facilities at the time of installation of the required facilities, or, at the customer's option, up to 24 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent

Filed pursuant to Order dated December 2, 2009 in Case No. 09-1003-EL-ATA

Issued: December 9, 2009

Schedule E2.1 Part 4D Page 92 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-74D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

issue of long-term debt. If the customer elects the installment payment option, the Company shall require an initial payment equal to 25% of the total cost of the metering facilities.

1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-75D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

In addition, the customer shall pay a net charge to cover the incremental cost of operation and maintenance and meter data management associated with such interval metering as follows.

Charges are for service performed on a Company installed standard interval meter.

Service Performed During Normal Business Hours	Charge (\$)
Connect phone line to meter at a time other than the initial interval meter installation	<u>57.00</u>
Perform manual meter reading Check phone line and perform manual meter reading due to communication	<u>43.00</u> <u>47.00</u>
loss Repair/replace surge protector Repair/replace interval board	<u>119.00</u> <u>121.00</u>
Repair/replace modem board Repair/replace interval and modem boards	<u>210.00</u> <u>260.00</u>

- The customer or the customer's CRES Provider may select a meter from the Company's approved equipment list. The customer or the customer's CRES Provider may communicate with the meter for the purpose of obtaining usage data, subject to the Company's communication protocol. The customer is responsible for providing a dedicated analog the telephone line for purposes of reading the meter.
- A customer that is required to have interval metering and provide a dedicated analog telephone line must have both the interval meter and dedicated analog telephone line installed and operational approve a work order for interval meter installation before a CRES Provider may serve such customer. Any DASR submitted by a CRES Provider will be rejected if this requirement is not metDuring the period between when the customer has requested an interval meter and the time that the Company is able to install such a meter, a Company load profile will be used for settlement purposes and consumption meter readings will be used for billing.
- All load profiling shall be performed by the Company. Sample data and customer specific interval metering, when available, will be used in the development of the total load profile for which a CRES Provider is responsible for providing generation and possibly arranging transmission services. Such data shall be provided to the BA or other entities as required for monthly billing.

19. DEPOSITS

Security for the payment of bills for service from a CRES Provider will be governed, as specified in Chapter 4901:1-21-07 of the Ohio Administrative Code, which is herein incorporated by reference as it is from time to time amended.

20. PAYMENTS

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Schedule E2.1 Part 4D Page 94 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-75D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Partial payment from a customer shall be applied to the various portions of the customer's total bill in the following order: (a) past due distribution, Standard Offer Service generation and transmission charges, (b) past due CRES Provider charges, (c) current CRES Provider charges, (d) current

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1st-Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-76D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

distribution, Standard Offer Service generation and transmission charges, and (e) other past due and current non-regulated charges.

21. COMPANY'S LIABILITY

In addition to the Company's liability as set forth in the Company's Terms and Conditions of Open Access Distribution Service, the following shall apply. The Company shall use reasonable diligence in delivering regular and uninterrupted supply of energy to the customer, but does not guarantee continuous, regular and uninterrupted service. The Company may, without liability, interrupt or limit the supply of service for the purpose of making repairs, changes, or improvements in any part of its system for the general good of the service or the safety of the public or for the purpose of preventing or limiting any actual or threatened instability or disturbance of the system. The Company is also not liable for any damages due to accident, strike, storm, riot, fire, flood, legal process, state or municipal interference, or any other cause beyond the Company's control. The Company shall not be liable for damages in case such service should be interrupted or fail by reason of failure of the customer's CRES Provider to provide appropriate energy to the Company for delivery to the customer. The Company shall not be liable for any damages, financial or otherwise, to any of the customer's CSPs resulting from an interruption of service.

- In addition to the Company's liability as set forth in the Company's Terms and Conditions of Open Access Distribution Service, the following shall apply. The Company shall use reasonable diligence in delivering regular and uninterrupted supply of energy to the customer, but does not guarantee continuous, regular and uninterrupted service. The Company may, without liability, interrupt or limit the supply of service for the purpose of making repairs, changes, or improvements in any part of its system for the general good of the service or the cafety of the public or for the purpose of preventing or limiting any actual or threatened instability or disturbance of the system. The Company is also not liable for any damages due to accident, strike, sterm, riet, fire, flood, legal process, state or municipal interforence, or any other cause beyond the Company's centrol.
- The Company shall not be liable for damages in case such service should be interrupted or fail by reason of failure of the customer's CRES Provider to provide appropriate energy to the Company for delivery to the customer. The Company shall not be liable for any damages, financial or otherwise, to any of the customer's CSPs resulting from an interruption of service.
- Meters shall be provided and maintained by the Company unless the customer selects a MSP to provide metering services. Unless otherwise specified, such meters shall be and remain the property of the Company.

22. COMPETITIVE SERVICE PROVIDER'S LIABILITY

- In the event of loss or injury to the Company's property through misuse by, or negligence of, the CRES

 Provider, MSP, MDMA or BA, or the CSP's agents and employees, the CSP shall be obligated and shall pay to the Company the full cost of repairing or replacing such property.
- Unless authorized by the Company to do so, a CSP and its agents and employees shall not tamper with, interfere with or break the seals of meters or other equipment of the Company installed on the customer's premises, and, under any circumstances, the CSP assumes all liability for the

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1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-77D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

consequences thereof. The CSP agrees that no one, except agents and employees of the Company, shall be allowed to make any internal or external adjustments to any meter or other piece of apparatus which belongs to the Company.

23. METER ACCURACY AND TESTS

- A MSP's meter performance levels, testing methods and test schedules must comply with all standards specified by the Company. Such details shall be specified in the agreement between the Company and the MSP.
- When metering is provided by an MSP, the Company may, at its discretion, direct meter-related inquiries from the customer to the MSP for response, or the Company may send notification to the MSP to perform a test of the accuracy of its meter. At the MSP's request, or should the MSP fail to perform a customer-requested test in a timely manner, the Company, at its discretion, may agree to test the accuracy of a meter supplied by the MSP. Regardless of the test results, the MSP shall pay to the Company a flat amount equal to the Company's current average cost of performing such meter tests. Such test will be conducted using a properly calibrated meter standard.
- The Company, at its discretion, may perform a test of the accuracy of a meter supplied by the MSP at any time. If the meter fails to perform at the accuracy standards set forth in the Company's Terms and Conditions of Open Access Distribution Service, the MSP will be responsible to remedy the accuracy of the meter, and to pay to the Company a flat amount equal to the Company's current average cost of performing such meter tests.

24. BILLING CORRECTIONS

Any correction of bills due to a meter registration error must be coordinated with the other entities utilizing the billing data which is in error. Any entity which detects an error in billing data shall promptly notify the MDMA or the Company if it is performing the function of the MDMA. The MDMA shall then correct any necessary data and provide to the appropriate entities such data as required for billing, settlement, scheduling, forecasting and other functions. Any billing corrections shall be consistent with the provisions of the Company's Terms and Conditions of Open Access Distribution Service.

25. TERMINATION OR SUSPENSION OF A CRES PROVIDER

Notwithstanding any other provision of this Tariff or any agreement between the Company and the CRES Provider, in the event of a default by the CRES Provider, the Company shall serve written notice of such default in reasonable detail and with a proposed remedy to the CRES Provider and the Commission. On or after the date the default notice has been served, the Company may file with the Commission a written request for authorization to terminate or suspend the service agreement between the Company and the CRES Provider. Except for default due to non-delivery, if the Commission does not act within ten (10) business days upon receipt of the request, the Company's request to terminate or suspend shall be deemed authorized on the eleventh (11th) business day. If the default is due to non-delivery, and if the Commission does not act within five (5) business days upon receipt of the request, the Company's request to terminate or suspend shall be deemed authorized on the sixth (6th) business day. Termination or suspension shall require authorization from the Commission.

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1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-78D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Netwithstanding any other prevision of this Tariff or any agreement between the Company and the CRES

Provider, in the event of a default by the CRES Provider, the Company shall serve written notice
of such default in reasonable detail and with a proposed remedy to the CRES Provider and the
Commission. On or after the date the default notice has been served, the Company may file with
the Commission a written request for authorization to terminate or suspend the service
agreement between the Company and the CRES Provider.

Except for default due to non-delivery, if the Commission does not act within ten (10) business days upon receipt of the request, the Company's request to terminate or suspend shall be deemed authorized on the eleventh (11th) business day. If the default is due to non-delivery, and if the Commission does not act within five (5) business days upon receipt of the request, the Company's request to terminate or suspend shall be deemed authorized on the sixth (6th) business day. Termination or suspension shall require authorization from the Commission.

The Company shall send notices pursuant to this section by e-mail, fax, overnight mail, or hand delivery to the Commission and Staff at the Commission's offices. The Company shall notify all Commissioners, the Chief of Staff, the Director of the Consumer Services Department, the Director of the Utilities Department, the Director of the Legal Department, and the Chief of the Attorney General's Public Utilities Section. The Company shall send the notice to the address and fax number provided by the CRES Provider in its service agreement with the Company.

32. CODE OF CONDUCT

- The Company shall not release any proprietary customer information (e.g., individual customer load profiles or billing histories) to an affiliate, or otherwise, without the prior authorization of the customer, except as required by a regulatory agency or court of law.
- 2. The Company shall make customer lists, which include name, address and telephone number, available on a nondiscriminatory basis to all nonaffiliated and affiliated certified retail electric competitors transacting business in its service territory, unless otherwise directed by the customer. This provision does not apply to customer-specific information, obtained with proper authorization, necessary to fulfill the terms of a contract, or information relating to the provision of general and administrative support services.
- Employees of the Company's affiliates shall not have access to any information about the Company's transmission or distribution systems (e.g., system operations, capability, price, curtailments, and ancillary services), that is not contemporaneously and in the same form and manner available to a nonaffiliated competitor of retail electric service.
- 4. The Company shall treat as confidential all information obtained from a competitive supplier of retail electric service, both affiliated and nonaffiliated, and shall not release such information unless a competitive supplier provides authorization to do so, or unless the information was or thereafter becomes available to the public other than as a result of disclosure by the company.
- The Company shall not tie (nor allow an affiliate to tie) or otherwise condition the provision of the Company's regulated services, discounts, rebates, fee waivers, or any

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1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-79D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- other waivers of the Company's ordinary terms and conditions of service, including but not limited to tariff provisions, to the taking of any goods and/or services from the Company's affiliates.
- 6. The Company shall not engage in joint advertising or marketing of any kind with its affiliates or directly promote or market any product or service offered by any affiliate. The Company shall also not give the appearance that the Company speaks on behalf of its affiliates or that the customer will receive preferential treatment as a consequence of conducting business with the affiliates.
- 7. The Company, upon request from a customer, shall provide a complete list of all suppliers operating on the system, but shall not endorse any suppliers nor indicate that any supplier will receive preference because of an affiliate relationship.
- 8. The Company shall not trade upon, promote or advertise its affiliate relationship nor allow the Company name or logo to be used by the affiliate in any material circulated by the affiliate, unless it discloses in plain legible or audible language, on the first page or at the first point where the utility name or logo is mentioned, that:
 - a. The affiliate is not the same company as the Company;
 - b. The affiliate is not regulated by the Commission; and
 - c. The customer does not have to buy the affiliate's products in order to continue to receive quality, regulated service from the Company.

The application of the name/logo disclaimer is limited to the use of the name or logo in Ohio.

- The Company shall provide comparable access to products and services related to tariffed products and services and specifically comply with the following:
 - (a) The Company shall be prohibited from unduly discriminating in the offering of its products and/or services;
 - (b) The Company shall apply all tariff provisions in the same manner to the same or similarly situated entities, regardless of any affiliation or nonaffiliation:
 - (c) The Company shall not, through a tariff provision, a contract, or otherwise, give its affiliates preference over nonaffiliated competitors of retail electric service or their customers in matters relating to any product and/or service;
 - (d) The Company shall strictly follow all tariff provisions:
 - (e) Except to the extent allowed by state lew, the Company shall not be permitted to provide discounts, rebates, or fee waivers for any state regulated monopoly service; and

Filed pursuant to Order dated December 2, 2009 in Case No. 09-1003-EL-ATA

Issued: December 9, 2000

Schedule E2.1 Part 4D Page 99 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st-Revised-Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-79D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

(f) Violations of the provisions of this rule shall be enforced and subject to the disciplinary actions described in divisions (C) and (D) of Section 4928.18, Ohio Revised Code.

1st Revised Sheet No. 3-16D Cencels Original Sheet No. 3-16D Original Sheet No. 3-80D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

- 10. Shared representatives or shared employees of the company and affiliated competitive supplier shall clearly disclose upon whose behalf their representations to the public are being made.
- 10. Notwithstanding any provision of this Code of Conduct, in a declared emergency situation, the Company may take actions necessary to ensure public safety and system reliability. The Company shall maintain a log of all such actions that do not comply with this Code of Conduct, which log shall be review by the Commission.
- 11. The Company shall establish a complaint procedure for the issues concerning compliance with this rule. All complaints, whether written or verbal, shall be referred to the general counsel of the Company or their designee. The legal counsel shall orally acknowledge the complaint within five (5) business days of its receipt. The legal counsel shall prepare a written statement of the complaint that shall contain the name of the complainant and a detailed factual report of the complaint, including all relevant dates, companies involved, employees involved, and the specific claim. The legal counsel shall communicate the results of the preliminary investigation to the complainant in writing within thirty (30) days after the complaint was received, including a description of any course of action that was taken. The legal counsel shall keep a file in the Cost Allocation Manual, of all such complaint statements for a period of not less than three (3) years. This complaint procedure shall not in any way limit the rights if a party to file a complaint with the Commission.

33. MINIMUM REQUIREMENTS FOR DISTRIBUTION SYSTEM INTERCONNECTION

Applicability

This schedule is applicable to any customer with cogeneration, small power production facilities, and/or other on-site facilities producing electrical energy who wishes to operate such facilities in parallel with the Company's distribution system at voltages up to 35 kV. This schedule is not applicable to the interconnection and parallel operation of facilities which the Federal Energy Regulatory Commission has determined to be subject to its jurisdiction. A customer who has a facility that does not qualify for simplified interconnection pursuant to the PUCO's distribution interconnection rules (O.A.C. § 4901:1-22) (Commission Rules) and the Company's technical requirements for interconnection (Technical Requirements), incorporated herein by reference, may negotiate a separate interconnection agreement with the Company and the terms and conditions of this schedule shall apply to such customers to the extent that the negotiated interconnection agreement does not conflict with this schedule.

<u>Purpose</u>

The purpose of this schedule 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, to the extent governing authority is not preempted by federal law. This schedule states the terms and conditions that govern the interconnection and parallel operation of a customer's facility with the Company's distribution system.

Customer Request For Interconnection

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4st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-81D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Any customer seeking to physically connect facilities to the Company's distribution system, which facilities may be used in parallel operation with the Company's distribution system, shall file an interconnection application and sign an interconnection agreement with the Company. For facilities for which the referenced Technical Requirements are applicable, the customer and Company shall execute a simplified interconnection agreement. For all other facilities, the customer and the Company shall execute an interconnection agreement which may be different from the simplified agreement, but which shall conform with the provisions of this schedule, to the extent applicable. Copies of all applicable forms and the Company's Technical Requirements are available upon request.

To the extent possible, interconnection to the Company's distribution system shall take place within the following time frames:

- 1. Where no construction is required by the Company and the facility qualifies for simplified interconnection pursuant to the review procedure contained in the Commission Rules, interconnection shall be permitted within four weeks of the Company's receipt of a completed interconnection application in compliance with the terms and conditions of this schedule. Prior to actual interconnection, the customer must execute the interconnection agreement.
- 2. Where construction or system upgrades of the Company's distribution system are required, the Company shall provide the customer, in a timely fashion, an estimate of the schedule and the customer's cost for the construction or upgrades. If the customer desires to proceed with the construction or upgrades, the customer and the Company shall enter into a contract. The contract shall contain a construction schedule listing target commencement and completion dates, and an estimate of the customer's costs for construction or upgrades. Assuming the customer is ready, the interconnection shall take place no later than two weeks following the completion of such construction or upgrades. The Company shall employ best reasonable efforts to complete such system construction or upgrades in the shortest time reasonably practical.
- 3. All Interconnection applications shall be processed by the Company in a nondiscriminatory manner. The Company shall promptly provide the customer a written notice of the Company's receipt of the application. The Company will endeavor to place such notice in the U.S. Mail or respond by Email within three business days after the application has been received by the Company's personnel designated on the application form. The Company shall provide the customer with a copy of the review process and a target date for processing the application. If the application is viewed as incomplete, the Company must provide a written notice within 10 days of receipt of the application by the Company's personnel designated on the application form that the application is not complete together with a description of the information needed to complete the application and a statement that processing of the application cannot begin until the information is received. The Company's target date shall permit interconnection in a timely manner pursuant to the requirements of the Commission Rules. Interconnection applications will be processed in the order that they are received. It is recognized that certain interconnection applications may require minor modifications while they are being reviewed by the Company. Such minor modifications to a pending application shall not require that it be considered incomplete and treated as a new or separate application. Minor modifications would not include at least the following: changes in facility size or location; any change requiring a new impact study; or any other substantive change.

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P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

4. If the Company determines that it cannot connect the customer's facility within the time frames required by the Commission Rules, the Company will notify the customer in writing of that fact as soon as possible. The notification will identify the reason or reasons the interconnection could not be completed within the time frames stated, and provide an estimated date for completion. This section shall not limit the rights of a customer for relief under Ohio Revised Code Chapter 4905.

Technical Requirements

The Company shall maintain a copy of the Technical Requirements at its business office such that the Technical Requirements are readily available to the public. The Company shall provide the Commission Staff with a copy of the Technical Requirements, Standards adopted by IEEE shall supersede the applicable provisions of the Company's Technical Requirements effective the date that IEEE adopts such standards. However, any interconnection made or initiated prior to the adoption of any national standard promulgated by IEEE shall not be subject to that standard. Regarding any IEEE minimum standard, or any guideline that the IEEE may promulgate, the Company may amend the Technical Requirements to the minimum extent required to address unique local conditions, and shall provide such amendments to the Staff and make such amendments available to customers. All Technical Requirements, including superseding standards adopted by IEEE, are incorporated herein by reference..

Metering

Any metering installation, testing, or recalibration required by the installation of the customer's generation facilities shall be provided consistent with the Electric Service and Safety Standards pursuant to Ohio Revised Code Chapter 4928, and specifically O.A.C. § 4901:1-10-05 (Metering) and, as applicable, § 4901:1-10-28 (C) (Net Metering).

Liability Insurance

Prior to interconnection with the Company, the customer must provide the Company with proof of insurance or other suitable financial instrument sufficient to meet its construction, operating and liability responsibilities pursuant to this schedule. At no time shall the Company require that the applicant negotiate any policy or renew any policy covering any liability through a particular insurance company, agent, solicitor, or broker. The Company's receipt of evidence of liability insurance does not imply an endorsement of the terms and conditions of the coverage.

System Impact and Facilities Studies

For those facilities that do not qualify for simplified interconnection pursuant to the review procedure included in the Commission Rules, the Company may require a supplemental review, service study, coordination study, facilities study or Company system impact study prior to interconnection. In instances where such studies are required, the scope of such studies shall be based on the characteristics of the particular generation facility to be interconnected and the Company's system at the specific proposed location. By agreement between the Company and the customer, studies related to interconnection of the generation facility may be conducted by a qualified third party. The cost of an impact facilities study performed by the Company shall be included in the costs set forth in the Interconnection Fees section of this schedule. The Company shall provide the customer with a target date for completion of any required

Filed pursuant to Order dated December 2, 2009 in Case No. 09-1003-EL-ATA

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4st-Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-83D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

system impact or facilities study. Any such study conducted by the Company shall be shared with the customer.

Interconnection Fees

The Company shall not charge any fees for interconnection other than those authorized by this schedule. Fees contained herein apply to each installation at the Company's distribution voltages up to 35 kV.

The Company shall charge each customer that applies for interconnection service an application fee as set forth in the Commission Rules. Fees for customer applications for interconnection that meet the qualifications for level 1, level 1.1 or level 1.2 simplified review procedures will be based on the actual costs per one-tenth of an hour of time spent by Company personnel on the simplified review. Customer applications for interconnection that meet the qualifications for level 2 expedited review will be subject to an application fee of \$50.00, plus one dollar per kilowatt of the applicant's system nameplate capacity rating. Interconnection customers whose facilities qualify for level 3 standard review procedures shall pay an application fee of \$100.00, plus two dollars per kilowatt of the applicant's system nameplate capacity rating.

Level 2 and level 3 interconnection review processes may require that one or more interconnection studies be performed o determine the feasibility, system impact, and cost of safely connecting the customer's generation facilities to the Company's distribution system. As specified in the Commission Rules, the cost of engineering work done as part of any feasibility, system impact or facilities study shall be billed to the customer at the Company's actual cost of performing such stud.

Additional Fees

The customer is responsible for all equipment and installation costs of the customer's facility.

The customer shall pay any additional charges, as determined by the Company, for equipment, labor, metering, testing or inspections requested by the customer...

Construction or Upgrade Fees

If the interconnection requires construction or an upgrade of the Company's system which, save for the generation facility would not be required, the Company will assess the customer the actual cost including applicable taxes of such construction or upgrade. Payment terms for such construction or upgrade will be agreed to and specified in the construction contract. The Company and the customer may negotiate for alternatives in order to reduce any costs or taxes applicable thereto...

Resolution of Disputes

The Company or the customer who is a non-mercantile, non-residential customer may seek resolution of any disputes which may arise out of this schedule, including the interconnection and the referenced Technical Requirements in accordance with the Commission Rules.

Special Terms and Conditions of Service

This schedule is subject to the Company's Terms and Conditions of Open Access Distribution

Filed pursuant to Order dated December 2, 2009 in Case No. 09-1003 EL-ATA

Issued: December 9, 2009

Schedule E2.1 Part 4D Page 104 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-83D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Service and all provisions of the OAD service schedule under which the customer takes service. If

Schedule E2.1 Part 4D Page 105 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 3-16D Cancels Original Sheet No. 3-16D Original Sheet No. 3-84D

P.U.C.O. NO. 20

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

applicable, the customer shall also take the appropriate service under the provisions of Schedule OAD-SBS and/or Schedule OAD-NEMS.

Schedule E2.1 Part 4D Page 106 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 3-22D Cancels Original Sheet No. 3-22D Original Sheet No. 3-85D

P.U.C.O. NO. 4920

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Applicability

This schedule is applicable to any customer with eggeneration, small power production facilities, and/or other on site facilities producing electrical energy who wishes to operate such facilities in parallel with the Company's distribution system at voltages up to 35 kV. This schedule is not applicable to the interconnection and parallel operation of facilities which the Federal Energy Regulatory Commission has determined to be subject to its jurisdiction. A customer who has a facility that does not qualify for simplified interconnection pursuant to the Technical Requirements for Interconnection and Parallel Operation of Distributed Generation (Technical Requirements), incorporated horoin by reference, may negotiate a separate interconnection agreement with the Company and the terms and conditions of this schedule shall apply to such customers to the extent that the negotiated interconnection agreement does not conflict with this schedule.

Purpose

The purpose of this schedule is to implement Ohio Revised Code Section 4928.11, which calls for uniform interconnection standards that are not unduly burdeneous or expensive and also ensure safety and reliability, to the extent governing authority is not preempted by federal law. This schedule states the terms and conditions that govern the interconnection and parallel operation of a sustemer's facility with the Company's distribution system.

Customer Request For Interconnection

Any customer seeking to physically connect facilities to the Company's distribution system, which facilities may be used in parallel operation with the Company's distribution system, shall file an interconnection application and sign an interconnection agreement with the Company. For facilities for which the referenced Technical Requirements are applicable, the customer and Company shall execute a simplified interconnection agreement. For all other facilities, the customer and the Company shall execute an interconnection agreement which may be different from the simplified agreement, but which shall conform with the provisions of this schedule, to the extent applicable. Copies of all applicable forms and the Company's Technical Requirements are available upon request.

To the extent possible, interconnection to the Company's distribution system shall take place within the following time frames:

Where no construction is required by the Company and the facility qualifies for simplified interconnection pursuant to the screening process contained in the Technical Requirements, interconnection shall be permitted within four weeks of the Company's receipt of a completed interconnection application in compliance with the terms and conditions of this schedule. Prior to actual interconnection, the customer must execute the interconnection agreement.

Where construction or system upgrades of the Company's distribution system are required, the Company shall previde the oustomer, in a timely fashion, an estimate of the schedule and the customer's cost for the construction or upgrades. If the customer desires to proceed with the construction or upgrades, the customer and the Company shall enter into a contract. The contract shall contain a construction schedule listing target commencement and completion dates, and an estimate of the customer's costs for construction or upgrades. Assuming the customer is ready, the interconnection shall take place no later than two weeks following the completion of such construction or upgrades. The Company shall employ

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Schedule E2.1 Part 4D Page 107 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

4st Revised Sheet No. 3-22D Cancels Original Sheet No. 3-22D Original Sheet No. 3-86D

P.U.C.O. NO. 4920

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

<u>best reasonable efforts to complete such system construction or upgrades in the shortest time reasonably practical.</u>

All interconnection applications shall be processed by the Company in a non-discriminatory manner. The Company shall promptly provide the customer a written notice of the Company's receipt of the application. The Company will endeavor to place such notice in the U.S. Mail within three business days after the application has been received by the Company's personnel designated on the application form. The Company shall provide the customer with a copy of the screening process and a target date for presessing the application. If the application is viewed as incomplete, the Company must previde a written notice within 10 days of receipt of the application by the Company's personnel designated on the application form that the application is not complete together with a description of the information needed to complete the application and a statement that processing of the application cannot begin until the information is received. The Company's target date shall permit interconnection in a timely manner pursuant to the requirements of O.A.C. § 4901:1-22-04(C). Interconnection applications will be precessed in the order that they are received. It is recognized that certain interconnection applications may require minor modifications while they are being reviewed by the Company. Such minor medifications to a pending application shall not require that it be considered incomplete and treated as a new or separate application. Minor modifications would not include at least the following: changes in facility size or location; any change requiring a new impact study; or any other substantive change.

If the Company determines that it cannot connect the customer's facility within the time frames required by O.A.C. § 4901:1-22-04(C), the Company will notify the customer in writing of that fact as soon as possible. The notification will identify the reason or reasons the interconnection could not be completed within the time frames stated in O.A.C. § 4901:1-22-04(C), and provide an estimated date for completion. This section shall not limit the rights of a customer for relief under Ohjo Revised Code Chapter 4905.

Technical Requirements

The Company shall maintain a copy of the Technical Requirements at its business office such that the Technical Requirements are readily available to the public. The Company shall provide the Commission Staff with a copy of the Technical Requirements. Standards adopted by IEEE shall supersede the applicable provisions of the Company's Technical Requirements effective the date that IEEE adopts such standards. However, any interconnection made or initiated prior to the adoption of any national standard premulgated by IEEE shall not be subject to that standard. Regarding any IEEE minimum standard, or any guideline that the IEEE may promulgate, the Company may amend the Technical Requirements to the minimum extent required to address unique local conditions, and shall provide such amendments to the Staff and make such amendments available to customers. All Technical Requirements, including superseding standards adopted by IEEE, are incorporated herein by reference.

<u>Metering</u>

Any metering installation, testing, or recalibration required by the installation of the eustemor's generation facilities shall be provided consistent with the Electric Service and Safety Standards pursuant to Ohio Revised Code Chapter 4928, and specifically O.A.C. § 4901:1-10-06 (Metering) and, as applicable, § 4901:1-10-28 (C) (Not Metering).

Liability Insurance

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4st-Revised Sheet No. 3-22D Cancels Original Sheet No. 3-22D Original Sheet No. 3-87D

P.U.C.O. NO. 4920

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

Prior to interconnection with the Company, the ouetomer must provide the Company with proof of insurance or other suitable financial instrument sufficient to meet its construction, operating and liability responsibilities pursuant to this schodule. At no time shall the Company require that the applicant negotiate any policy or renew any policy covering any liability through a particular insurance company, agent, selicitor, or broker. The Company's receipt of evidence of liability insurance does not imply an endorsement of the terms and conditions of the coverage.

System Impact and Facilities Studies

For those facilities that do not qualify for simplified interconnection pursuant to the screening presess included in the Technical Requirements, the Company may require a supplemental review, service study, coordination study, facilities study or Company system impact study prior to interconnection. In instances where such studies are required, the scope of such studies shall be based on the characteristics of the particular generation facility to be interconnected and the Company's system at the specific proposed location. By agreement between the Company and the customer, studies related to interconnection of the generation facility may be conducted by a qualified third party. The sost of an impact facilities study performed by the Company shall be included in the costs set forth in the Interconnection Fees section of this schedule. The Company shall provide the customer with a target date for completion of any required system impact or facilities study. Any such study conducted by the Company shall be shared with the sustemer.

Interconnection Fees

The Company shall not charge any fees for interconnection other than those authorized by this schedule.

The Company shall charge each customer that applies for interconnection corvice a nonrefundable application fee of \$100.00 for single phase installations up to 25 kW and \$500.00 for single phase installations over 25 kW and for three phase installations, payable at the time the application is cubmitted.

Where a system impact study is required to determine the feasibility and cost of cafely connecting the customer's generation facilities to the Company's distribution system, the customer shall deposit with the Company an amount as follows:

on Type	(\$)
hase installation up to 25 kW*	
hase installation - 26 kW to 100 kW and three phase installation up to 100 kW*	
hase and three phase installation 101 kW to 500 kW*	
hase and three phase installation greater than 500 kW*	

en total rated generating capacity.

Such deposit shall be paid in advance and apply to each installation at the Company's distribution voltages up to 35 kV.

Filed pursuant to Order dated December 2, 2009 in Case No. 09-1003-EL-ATA

issued: December 9, 2009

Schedule E2.1 Part 4D Page 109 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 3-22D Cancels Original Sheet No. 3-22D Original Sheet No. 3-88D

P.U.C.O. NO. 4920

TERMS AND CONDITIONS OF OPEN ACCESS DISTRIBUTION SERVICE

The Company chall apply the deposit to the Company's actual costs, including applicable taxes, to perform the system impact study associated with the interconnection. If such costs are greater than the amount of the deposit, the customer shall pay such additional costs to the Company. If such costs are less than the amount of the deposit the Company shall refund the balance of the deposit to the customer.

Additional Fees

The customer is responsible for all equipment and installation costs of the customer's facility.

The Company may require an inspection of the inverter settings of a static inverter connected generator with capacity in excess of 10 KW prior to interconnection. The customer shall pay a charge of \$115.00 for each inspection.

The Company may require an inspection of the protective equipment cottings of a non-static inverterconnected generator prior to interconnection. The customer shall pay a charge of \$115.00 for each inspection.

The customer shall pay any additional charges, as determined by the Company, for equipment, labor, metering, testing or inspections requested by the customer.

Construction or Upgrade Fees

If the interconnection requires construction or an upgrade of the Company's system which, save for the generation facility would not be required, the Company will assess the customer the actual cost including applicable taxes of such construction or upgrade. Payment terms for such construction or upgrade will be agreed to and specified in the construction contract. The Company and the sustemer may negotiate for alternatives in order to reduce any costs or taxes applicable thereto.

Resolution of Disputes

The Company or the customer who is a non-mercantile, non-residential customer may seek resolution of any disputes which may arise out of this schedule, including the interconnection and the referenced Technical Requirements in accordance with the Commission's Rules for Alternative Dispute Resolution.

Special Terms and Conditions of Service

This schedule is subject to the Company's Terms and Conditions of Open Access Distribution Service and all previsions of the OAD service schedule under which the customer takes service. If applicable, the customer shall also take the appropriate service under the provisions of Schedule OAD-SES and/or Schedule OAD-NEMS:

1st Revised Sheet No. 3-23D Cancels Original Sheet No. 3-23D Original Sheet No. 3-89D

P.U.C.O. NO. 1920

SUPPLIER TERMS AND CONDITIONS OF SERVICE

1. CONTENTS

iph	<u> </u>	No
	tion	3D
	Corrections	9D
	ng Competitive Service Providers	4 D
	ny's Liability	9D
	titive Service Provider's Liability	90
	entiality of Information	2D
	idated Billing by a Billing Agent	5D
	idated Billing by the Company	70
	Previder Credit Requirements	8D
	Provider Registration with the Company	7D
	ner Choice of Competitive Service Provider	4D
	ner Enrellment Process	9D
	ts	SD
	Previsions for Competitive Service Previders	6D
	,	2D
	Data Management Agents (MDMAs)	4 D
	Accuracy and Tests	9D
	Service Previders (MSPs)	2D
	ng and Load Profiling	7D
	m Stay Requirements	6D
	nts	8D
_	or Certification with the Commission	7D
	ation or Suspension of a CRES Provider	OD
	nission Service	7D

2. APPLICATION

These Supplier Terms and Conditions of Service apply to any person, firm, copartnership, voluntary association, joint stock association, company or corporation, wherever organized or incorporated, that is engaged in the business of supplying electricity to customers that take distribution service from the Company. These Supplier Terms and Conditions of Service also apply to any such entity that is engaged in the business of previding metering, meter data management and billing services to customers that take distribution service from the Company.

A copy of the Supplier Terms and Conditions of Service under which service is to be rendered will be furnished upon request.

(Continued on Shoot No. 3-24D)

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SUPPLIER TERMS AND CONDITIONS OF SERVICE

3. CUSTOMER CHOICE OF COMPETITIVE SERVICE PROVIDER

Customere taking service under the Company's Terms and Conditions of Open Access Distribution Service may clock energy services from a qualified CRES Provider, metering services from a qualified Meter Services Provider (MSP), meter data management services from a qualified Meter Data Management Agent (MDMA) and/or billing services from a qualified Billing Agent (BA). Any MSP, MDMA and/or BA services provided to the customer must be arranged through the CRES Provider who provides energy services to the customer.

Qualifications and other eligibility criteria for such entities are specified herein. CRES Providers, MSPs, MDMAs and BAs are also subject to the rules and certification criteria established by the Commission for such entities as incorporated herein. CRES Providers, MSPs, MDMAs and BAs are collectively referred to as Competitive Service Providers (CSPs).

Any customer who desires service from a CSP must first contract with a CRES Provider who will arrange for the prevision of such services. The CRES Provider shall then notify the Company at least twelve (12) calendar days prior to the customer's regularly scheduled mater reading date after which the customer will receive service from the CSP. All changes in CRES Provider shall occur at the end of the customer's regularly scheduled mater reading date. Any request to change a customer's CRES Provider received after twelve (12) calendar days prior to the customer's regularly scheduled mater reading date shall become effective the subsequent billing month.

Upon request, customers will be sent an information package containing a summary of the Customer Choice program and a current list of CRES Providers.

The list of CRES Previders will be previded to any customer upon request, all new customers, any customer who is dropped for nonpayment by a CRES Provider, and any customer who returns to the Company's Standard Offer Service due to default by a CRES Provider.

The list of CRES Providers will be posted on the Company's website. The list of CRES Providers will contain the names of those CRES Providers currently registered to enroll and actively seeking residential customers in the Company's service territory.

4. CHANGING COMPETITIVE SERVICE PROVIDERS

During the Market Development Period, Standard Offer Service will be provided under the Company's standard schedules.

Customers may change CSPs no more than once during any month subject to the provisions below.

(Continued on Sheet No. 3 25D)

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SUPPLIER TERMS AND CONDITIONS OF SERVICE

Requests to change a customer's CRES Provider must be received by the Company from the new CRES Provider. If the Company receives such a request to change a customer's CRES Provider, the customer shall be notified by the Company concerning the requested change within two business days. If the customer challenges the requested change, the change will not be initiated. The customer has seven (7) days from the postmark date on the notice to contact the Company to receive the enrollment request or notify the Company that the change of CRES Provider was not requested by the customer. Within two business days after receiving a customer request to rescind enrollment with a CRES Provider, the Company shall initiate such rescission and mail the customer confirmation that such action has been taken.

Any request for initial service for a sustemer under the Company's open access distribution schedules or subsequent changes to a sustemer's MSP, MDMA and/or BA must be provided by the CRES Provider that provides energy services to the sustemer and arranges for such MSP, MDMA and/or BA services on behalf of the sustemer. The CRES Provider must obtain, and maintain documentation of, authorization from the sustemer for any changes in MSP, MDMA and/or BA.

The customer shall pay a charge of \$10.00 to the Company for each transaction in which a customer authorizes a change in one or more CSPs. However, this switching charge shall not apply in the following specific circumstances: (a) the customer's initial change to service under the Company's open access distribution schedules and service from a CRES Provider, (b) the customer's CRES Provider is changed involuntarily, (c) the customer returns to service from the customer's former CRES Provider following an involuntary change in CRES Provider, or (d) the customer's former CRES Provider's services have been permanently terminated and the customer must choose another CRES Provider.

In the event that a CSP's services are permanently terminated, and the CSP has not previded for service to the effected customers, the CSP shall send timely notification to the Company and the effected customers regarding the termination of such services. Such notification shall describe the process for selecting a new CSP and note that service will be provided by the Company under the Company's Standard Offer Service if a new CSP is not selected.

A customer's return to the Company's Standard Offer Service may be a result of customer choice, CRES Previder default, termination of a CRES Previder contract, opt out or termination of a governmental aggregation program, or CRES Previder withdrawal. A customer will be returned to Standard Offer Service only after the customer fails to choose an alternative CRES Provider.

A customer may contact the Company and request to return to the Company's Standard Offer Service. The return to Standard Offer Service shall be conducted under the same terms and conditions applicable to an enrollment with a CRES Provider. The customer will have a seven (7) calendar day rescission period after requesting the Company's Standard Offer Service. Provided the customer has observed the applicable notification requirements and the Company has effectuated the request to return to Standard Offer Service at least twelve (12) calendar days prior to the next regularly scheduled meter reading date, the customer will be returned to Standard Offer Service on the next regularly scheduled meter reading date.

(Continued on Sheet No. 3-26D)

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P.U.C.O. NO. 4920

SUPPLIER TERMS AND CONDITIONS OF SERVICE

5. MINIMUM STAY REQUIREMENTS

Large commercial and industrial customers returning to Standard Offer Service must remain on Standard Offer Service for a period of not less than twelve (12) consecutive menths.

Customers served under residential and small commercial (GS-1) rate schedules returning to the Company's Standard Offer Service will not be subject to a minimum stay requirement during the first year of the Market Development Period. After the first year of the Market Development Period, any such customer returning to the Company's Standard Offer Service must remain on the Company's Standard Offer Service through April 15 of the following year if that customer received the Company's Standard Offer Service at any time during the period from May 15 to September 15.

A customer returning to the Company's Standard Offer Service as a result of opting out of a governmental aggregation program or as a result of a CRES Provider default during the Market Development Period as described in Sections 4928.20(D) and 4928.35(D), Ohio Revised Code, will not be subject to the above minimum stay requirements.

Customers of a governmental aggregation where the legislative authority that formed such governmental aggregation has filed written notice with the Commission pursuant to Section 4928.20 (J), Ohio Revised Code, that it has elected not to receive default service from the Company at standard service offer rates may not return to the Company's standard service offer. Such customers shall pay for service at the prevailing market price of power plus costs of the Company's compliance with the alternative energy resource provisions of section 4928.64. Ohio Revised Code.

Any residential or small commercial customer returning to the Company's Standard Offer Service and subject to the minimum stay provision will be given appropriate notice by the Company. The customer will be given at least 14 days notice that the customer will be returned to the Company's Standard Offer Service subject to the minimum stay period provision above if the customer fails to choose another alternative. Such notice will clearly specify (1) the date by which the customer must choose another CRES Provider or alternative and that the customer will return to the Company's Standard Offer Service if the customer fails to make such choice; (2) the minimum stay period during which the customer will be ineligible to choose another CRES Provider; and (3) any alternatives available to the customer to avoid the minimum stay period.

6. GENERAL PROVISIONS FOR COMPETITIVE SERVICE PROVIDERS

A CSP must comply with all rules and requirements established by the Commission portaining, but not limited to, general business practices, information disclosure, customer contract rescission, dispute resolution, customer authorization for switching suppliers, termination of customer contracts, information exchange and supply obligations. A CSP must also agree to comply with all applicable previsions of the Company's open access distribution service schedules, Supplier Torms and Conditions of Service, Terms and Conditions of Open Access Distribution Service, and the applicable Open Access Transmission Tariff. A CSP must also comply with the National Electrical Safety Code if applicable to the service provided by the CSP.

No more than two CRES Providers may provide Competitive Retail Electric Service to a customer during any given billing month.

(Continued on Shoot No. 3-27D)

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SUPPLIER TERMS AND CONDITIONS OF SERVICE

A customer is not permitted to have partial Competitive Retail Electric Service. The CRES Provider(s) shall be responsible for providing the total energy consumed by the customer during any given billing menth.

7. TRANSMISSION SERVICE

Transmission corvice shall be made available under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with and accepted by the Federal Energy Regulatory Commission. Either a CRES Provider or the oustomer may contract with the Transmission Provider for transmission service under the applicable Open Access Transmission Tariff. The Transmission Provider is the applicable regional transmission entity. PJM Interconnection LLC is currently the applicable regional transmission entity. Customers contracting with the Transmission Provider for transmission service and all CRES Providers must complete all required actions relative to membership with the Transmission Provider and be authorized by the Transmission Provider to transact business with regard to transmission service. The contracting entity or its designee is responsible for scheduling under the tariff. Unless other arrangements have been made, the scheduling entity will be billed by the Transmission Provider for transmission services. The contracting entity must also purchase or provide ancillary services as specified under the applicable Open Access Transmission Tariff. Billing and payment shall be performed as specified in the applicable Open Access Transmission Tariff. Any remaining unpaid amounts and associated foos for transmission service are the responsibility of the customer.

Provisions for scheduling and imbalance are contained within the applicable Open Access Transmission Tariff.

8. SUPPLIER CERTIFICATION WITH THE COMMISSION

Suppliers desiring to become CRES Providers must first be contified by the Commission and shall be subject to any contification criteria adopted by the Commission according to Section 4928.08, Ohio Revised Code.

9. CRES PROVIDER REGISTRATION WITH THE COMPANY

CRES Providers desiring to provide Competitive Retail Electric Service to customers located within the Company's Service Territory must also register with the Company. The following information must be provided in order to register with the Company:

A. Proof of cortification by the Commission, including any information provided to the Commission as part of the cortification process. The registration process may be initiated upon receipt by the Company of an application for certification by the Commission. However, the Company will not complete the registration process until proof of certification by the Commission has been provided.

B. A completed copy of the Company's CRES Provider Registration Application, along with a non-refundable \$100.00 registration fee payable to the Company.

C. After the first year, a \$100.00 annual registration fee payable to the Company.

(Continued on Sheet No. 3-28D)

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SUPPLIER TERMS AND CONDITIONS OF SERVICE

D.An appropriate financial instrument to be hold by the Company against CRES Provider defaulte and a
description of the CRES Provider's plan to procure sufficient electric energy and transmission services to
meet the requirements of its firm service customers.
E. The name of the CRES Provider, business and mailing addresses, and the names, telephone
numbers and e mail addresses of appropriate contact persons, including the 24-hour emergency contact
telephone number and emergency contact person(s).
, to a provide the second seco
 F. Details of the CRES Provider's dispute resolution process for customer complaints.
O A signed statement by the efficiency (a) after OPEO Box idea accomplished to a discrete the
 G. A signed statement by the officer(s) of the CRES Provider committing it to adhere to the
Company's Open Access Distribution Schedules, Terms and Conditions of Open Access Distribution Service, Supplier Terms and Conditions of Service and any additional requirements stated in any
agreement between the CRES Provider and the Company regarding services provided by either party.
agreement controls of the French and the company regularing correct provided by children party.
 H. An Executed EDI Trading Partner Agreement and completion of EDI testing for applicable
transaction sets necessary to commence service.
The Grand shall are supplied to the GDES By the land the White White World and a state of the GDES By the state of the GD
The Company shall approve or disapprove the CRES Provider's registration within thirty (30) calendar
days of receipt of complete registration information from the CRES Provider. The thirty (30) day time period may be extended for up to thirty (30) days for good cause shown, or until such other time as is
mutually agreed to by the CRES Provider and the Company.
Huddany agreed to by the orteo revides and the company.
The Company will notify the CRES Provider of incomplete registration information within ten (10) calendar
days of receipt. The notice to the CRES Provider shall include a description of the missing or incomplete
information.
Alternative dispute recelution under the provisions of Chapter 4901:1-26 of the Ohio Administrative Gode
shall be available to CRES Providers and the Company to address disputes and differences between the
parties.
10. CRES PROVIDER CREDIT REQUIREMENTS
To the state of th
The Company will apply, on a non-discriminatory and consistent basis, reasonable financial standards to
assess and examine a CRES Provider's creditworthiness. Those standards will take into consideration
the scope of operations of each CRES Provider and the level of risk to the Company. This determination
will be aided by appropriate data concerning the CRES Provider, including load data or reasonable
estimates thereof, where applicable.
(Continued on Sheet No. 3-29D)
(Sommitted on Stidel 146. & Zels)
Filed pursuant to Order dated December 2, 2009 in Case No. 09-1003-EL-ATA
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Issued: December 9, 2009 Effective: December 9, 2009

Issued by Joseph Hamrock, President AEP Ohio

1st Revised Sheet No. 3-29D Cancels Original Sheet No. 3-29D Original Sheet No. 3-95D

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SUPPLIER TERMS AND CONDITIONS OF SERVICE

A CRES Previder shall satisfy its creditworthiness requirement and receive an unsecured credit limit by demonstrating that it has, and maintains, investment grade long term bend ratings from any two of the following four rating agencies:

Y	R SECURITIES RATING (BONDS)
rd & Poors	r higher
s Investors' Services	r higher
CA	r higher
Phelps Credit Rating Company	r higher

The CRES Provider will provide the Company with its or its parent's most recent independently audited financial statements (if applicable), and its or its parent's most recent Form 10 K and Form 10 Q (if applicable).

The Company shall make reasonable alternative credit arrangements with a CRES Provider that is unable to meet the aforementioned criteria and with those CRES Providers whose credit requirements exceed their allowed unsecured credit limit. The CRES Provider may choose from any of the following credit arrangements in a format acceptable to the Company: a guarantee of payment; an irreveeable Letter of Credit; a Prepayment Account established with the Company; a Surety Bond, including the Company as a beneficiary; or other mutually agreeable security or arrangement. The alternate credit arrangements may be provided by a party other than the CRES Provider, including one or more ultimate customers. The fact that a guarantee of payment, irrevecable Letter of Credit, Prepayment Account, or Surety Bond is provided by a party other than the CRES Provider shall not be a factor in the determination of the reasonableness of any alternative credit arrangement, as long as such party and the related credit arrangements meet the Company's standard credit requirements. The amount of the security required must be and remain commensurate with the financial risks placed on the Company by that CRES Provider, including recognition of that CRES Provider's performance.

The Company will make available its credit requirements upon request. A CRES Provider may appeal the Company's determination of credit requirements to the Commission or seek Staff mediation as to any dispute.

11. CUSTOMER ENROLLMENT PROCESS

A. Pre Enrellment Customer Information List

Upon request, the Company will electronically provide to any CRES Provider certified by the Commission the most recent Customer Information List. The CRES Provider will pay the Company \$150.00 per list provided.

The Company will offer the Customer Information List with updates available quarterly throughout the Market Development Period. Once the list has been updated, a CRES Provider may not use a Customer Information List from a prior quarter to contact customers, but CRES Providers shall not be required to purchase subsequent lists.

(Continued on Sheet No. 3 30D)

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SUPPLIER TERMS AND CONDITIONS OF SERVICE

The Company will provide customers the option to have all the customer's information listed in the section below removed from the Customer Information List. At the same time, the Company will also provide customers with the option to have all information listed below reinstated on the Customer Information List. Customers will be notified of such options quarterly throughout the Market Development Period.

The following information will be provided on the Customer Information List for each customer who has not requested that all information be removed from this list:

Customer name
Service address
Service state and zip code
Mailing address
Mailing elete and zip code
Mailing elete and zip code
Rate schedule under which service is rendered
Rider (if applicable)
Lead profile reference category
Meter type (if readily available)
Interval meter data Indicator (if readily available)
Budget bill / PIPP indicator
Meter readiling cycle

Most recent twelve (12) months of historical consumption data (actual energy usage and demand, if available)

The Company will provide the Customer Information List by either a compact disc or on a designated website. The information will be prepared and distributed in a uniform and useable format that allows for data sorting. Customers participating in the percentage of income payment plan (PIPP) program will be coordinated exclusively through the PIPP program administered by the Ohio Department of Development.

B. CRES Provider Requests for Customer Information

CRES Providers certified by the Commission may request historical interval meter data through a Direct Access Service Request (DASR) after receiving the appropriate customer authorization. The interval meter data will be transferred in a standardized electronic transaction. The CRES Provider will be responsible for the incremental costs incurred to prepare and send such data.

C. Direct Access Service Requests

Enrollment of a customer is done through a DASR, which may be submitted only by a CRES Provider.

DASRs will be effective at the end of the customer's next regularly scheduled meter reading date provided that the DASR is received by the Company at least twelve (12) calendar days before the next meter reading date.

(Continued on Sheet No. 3-31D)

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4st-Revised-Shoot No. 3-31D Cancels Original Shoot No. 3-31D Original Sheet No. 3-97D

P.U.C.O. NO. 4920

SUPPLIER TERMS AND CONDITIONS OF SERVICE

D. Government Aggregation Customer Information List

Upon request, the Company will provide to any governmental aggregator certified by the Commission a Government Aggregation Customer Information List. The Company will provide the Government Aggregation Customer Information List by compact disc. The information will be prepared and distributed in a uniform and useable format that allows for data certing. The governmental aggregator will pay the Company \$500.00 per list provided.

- The list will include information for all customers residing within the governmental aggregator's boundaries based upon the Company's records, including an identification of customers who are currently in contract with a CRES provider or in a special contract with the Company. The list will also include those customers that elect to have their information removed from the Pre-Enrollment Customer Information List. The Company cannot guarantee that the list will include all of the customers residing within the aggregator's boundaries, nor can the Company guarantee that all the customers shown on the list reside within the aggregator's boundaries. In addition to all information included on the Pre-Enrollment Customer Information List, the Government Aggregation Customer Information List shall also include the customer's Service Delivery Identifior (SDI).
- All DASRs will be submitted to the Company no more than thirty (30) calendar days prior to the scheduled meter reading date when the CRES Provider desires the switch to occur, unless otherwise agreed upon by the parties. The Company will process all valid DASRs and send the confirmation notice to the customer within two business days. Simultaneous with the sending of the confirmation notice to the customer, the Company will electronically advise the CRES Provider of acceptance. Notice of rejection of the DASR to the CRES Provider shall be sent within one business day, if possible, but in no event later than four (4) calendar days, and include the reasons for the rejection. The customer has seven (7) calendar days from the confirmation notice to cancel the centract without ponalty. If the customer cancels the centract, the Company shall send a drop notice to the CRES Provider and the previous CRES Provider will continue to serve the customer under the terms and conditions in effect prior to submission of the new DASR.
- DASRs will be processed on a "first in" priority basis based on the received date, and using contract date as the tie-breaker. Any subsequent DASRs received within the same billing cycle will be rejected and returned to the CRES Provider who submitted the DASR.
- To receive service from a CRES Provider, a customer must have an active service account with the Company. After the service account is active, a CRES Provider may submit a DASR as described herein.

Schedule E2.1 Part 4D Page 119 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1^{et} Revised Sheet No. 3-31D Cancels Original Sheet No. 3-31D Original Sheet No. 3-98D

P.U.C.O. NO. 4920

SUPPLIER TERMS AND CONDITIONS OF SERVICE

(Continued on Sheet No. 3-32D)

1st Revised Sheet No. 3-32D Cancels Original Sheet No. 3-32D Original Sheet No. 3-99D

' P.U.C.O. NO. 4920

SUPPLIER TERMS AND CONDITIONS OF SERVICE

12. CONFIDENTIALITY OF INFORMATION

All confidential or proprietary information made available by one party to the other in connection with the registration of a CRES Provider with the Company and/or the subsequent provision and receipt of service under these Supplier Terms and Conditions of Service, including but not limited to load data, and information regarding the business processes of a party and the computer and communication systems ewned or leased by a party, shall be used only for purposes of registration with the Company, receiving or providing service under these Supplier Terms and Conditions of Service and/or providing Competitive Retail Electric Service to customers in the Company's service territory. Other than disclosures to representatives of the Company or the CRES Provider for the purposes of enabling that party to fulfill its obligations under these Supplier Terms and Conditions of Service or for the CRES Provider to provide Competitive Retail Electric Service to customers in the Company's service territory, a party may not disclose confidential or proprietary information without the prior authorization and/or consent of the other party.

The CRES Provider shall keep all oustomer-specific information supplied by the Company confidential unless the CRES Provider has the sustomer's written authorization to do otherwise.

13. LOSSES

Either the CRES Provider or the Transmission Provider may provide both transmission and distribution lesses as required to serve customers at various delivery voltages. If a CRES Provider arranges to provide transmission losses under the provisions of the applicable Open Access Transmission Tariff, then the CRES Provider must also arrange for the appropriate distribution losses. Customers served at transmission and subtransmission voltages require no additional losses other than the losses specified in the applicable Open Access Transmission Tariff. Customers served at primary distribution voltage require 1.9% additional average losses of amounts received by the Company for delivery to the customer. Customers served at secondary distribution voltage require 5.1% additional average losses of amounts received by the Company for delivery to the oustomer.

14. - METER SERVICE PROVIDERS (MSPc)

- MSPs desiring to provide service to customers in the Company's Service Territory must submit a written application to the Company in order to provide metering services for ownership, installation, inspection and auditing. Such application shall include the following:
- A.\$500.00 initial registration fee payable to the Company and a \$100 annual registration fee thereafter.
- B.Proof of creditworthiness to the Company, including an appropriate financial instrument to be held by the Company and used in the event of damages as a result of the MSP's actions.
- C.The name of the MSP, business and mailing addresses, and the names, telephone numbers and e-mail addresses of appropriate contact persons, including the 24-hour emergency contact telephone number and emergency contact person(e).

(Continued on Sheet No. 3-33D)

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P.U.C.O. NO. 4920

SUPPLIER TERMS AND CONDITIONS OF SERVICE

- D.Details of the MSP's dispute resolution process for ouetomor complaints.
- E.A signed statement by the efficer(s) of the MSP committing it to adhere to the Company's open access distribution schedules, Torms and Conditions of Open Access Distribution Service, Supplier Terms and Conditions of Service and any additional requirements stated in any agreement between the MSP and the Company regarding services provided by either party.
- F.Proof of an electrical subcentractor's license issued by the Ohio Department of Commerce, including the name of the person or entity to which the license has been issued, license number and expiration date. Certification may require an employee to be a licensed electrician in the service area where work is performed.
- G.Description of the (a) applicant's electric meter installation, maintenance, repair and removal experience, (b) applicant's training and experience regarding electrical safety and (c) educational and training requirements in electrical work and safety that the MSP will require from its employees before they are permitted to install, maintain, repair or remove electric meters or metering devices.
- The MSP must also agree to the following standards for metering services:
- A.The Company must approve the type of any and all metering equipment to be installed. Such metering and practices must conform with the Company's metering service guides and standards and must comply with the Motor Teeting provision of the Company's Torms and Conditions of Open Access Distribution Service. A written agreement between the Company and the MSP shall specify those categories or types of meters for which the MSP is certified to install/remove or test/meintain.
- B.The MSP shall allow the Company to disconnect the MSP's motor, or promptly perform a disconnection as notified by the Company where a customer's service is subject to disconnection due to non-payment of distribution charges. The Company shall be permitted to audit the meter accuracy of MSP meters and to disconnect or remove a MSP's meter when necessary to maintain the sefe and reliable delivery of electrical service. The MSP is responsible to acquire the right of ingress and egress from the customer to perform its functions. When necessary, the MSP must also seek written approval and secure from the customer any keys necessary to access tocked promises.
- C.The MSP is responsible for detecting and immediately notifying the Company of hazardous conditions noted at the customer's electrical service and meter installation.
- D.The MSP is responsible for recording and notifying the Company of conditions detected on the customer's premises which present potential for injury.
- E.The MSP shall be responsible for conforming to Company standards for sealing and resealing meters as well as properly resetting and sealing domand measurement devices.

(Centinued on Sheet No. 3 34D)

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1st Revised Sheet No. 3-34D Cancels Original Sheet No. 3-34D Original Sheet No. 3-101D

P.U.C.O. NO. 4920

SUPPLIER TERMS AND CONDITIONS

- 15. METER DATA MANAGEMENT AGENTS (MDMAs)
- MDMAs desiring to provide service to customers in the Company's Service Territory must submit a written application to the Company in order to provide any motor reading or data management services. Such application shall include the following:
- A.A.\$100.00 annual registration fee payable to the Company.
- B.Proof of creditworthiness to the Company, including an appropriate financial instrument to be held by the Company and used in the event of damages as a result of the MDMA's actions.
- C.The name of the MDMA, business and mailing addresses, and the names, telephone numbers and email addresses of appropriate contact persons, including the 24-hour emergency contact telephone number and emergency contact person(s).
- D.Details of the MDMA's dispute resolution process for customer complaints.
- E.A signed statement by the efficer(s) of the MDMA committing it to adhere to the Company's Open Access Distribution Schedules, Terms and Conditions of Open Access Distribution Service, Supplier Terms and Conditions of Service and any additional requirements stated in any agreement between the MDMA and the Company regarding services provided by either party.
- F.Description of the (a) applicant's experience in meter reading, data validation, editing and estimation, and other data management activities and (b) educational and training requirements that the MDMA will require from its employees before they are permitted to perform such meter reading, data validation, editing and estimating and other data management activities.
- The MDMA must also agree to the following standards for motor data management services:
- A.All billing motors shall be read each month, unless otherwise mutually agreed to by the MDMA and the Company.
- B.Meter data shall be read, validated, edited and transferred pursuant to Commission and Company approved standards. The Company and the MDMA must agree to common data formats for the exchange of validated data.
- C.The Company shall have reasonable access to the MDMA data server.
- D.The MDMA shall provide to the appropriate entities reasonable and timely access to meter data as required for billing, settlement, scheduling, forecasting and other functions.

(Continued on Sheet No. 3-35D)

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P.U.C.O. NO. 4920

SUPPLIER TERMS AND CONDITIONS

- E.The MDMA shall retain the most recent twelve (12) months of data for any customer who elects the MDMA to perform motor reading and data management services. Such data must be retained for a minimum period of 36 months and must be released upon request to either the customer or an entity authorized by the customer.
- F.Within five (5) business days after the installation of a meter, the MDMA must confirm with the Company that the meter and meter reading system are working properly and that the billing data is valid.
- G.Ne more than 10% of the individual meters read by the MDMA shall contain estimated data, with no single account being estimated more than two consecutive menths. Estimated data must be based on historical data and load profile data as provided by the Company.
- H.The MDMA shall comply with the Company's time requirements for the posting of validated meter reading data on the MDMA server.
- I.The MDMA is responsible for acquiring the right of ingress and egross from the customer to perform its functions. When necessary, the MDMA must also seek written approval and secure from the customer any keys necessary to access locked promises.
- J.The MDMA is responsible for identifying suspected cases of the unauthorized use of energy and shall report such concerns to the customer's CRES Provider, Transmission Provider and the Company. The CRES Provider shall resolve such concerns and pursue the appropriate legal response and all necessary parties shall support this action. The customer's supplier of meter services (MSP or the Company) shall make the necessary meter corrections and/or repairs, and then notify the MDMA who shall correct the provious motor usage data and provide to the appropriate entities such data as required for billing, settlement, scheduling, forecasting and other functions. Any billing corrections shall be consistent with the previsions of the Company's Terms and Conditions of Service for Open Access Distribution Service.
- K.The MDMA is responsible for detecting and immediately notifying the Company of hazardous conditions noted at the customer's electrical service and meter installation.
- L.The MDMA is responsible for recording and notifying the Company of conditions detected on the customer's promises which present potential for injury.
- M.The MDMA shall be responsible for conferming to Company standards for sealing and resealing meters as well as properly resetting and sealing demand measurement devices.
- 16. CONSOLIDATED BILLING BY A BILLING AGENT (BA)
- BAs desiring to provide service to customers in the Company's Service Territory must submit a written application to the Company in order to provide consolidated billing-related services to customers. Such application shall include the fellowing:

(Continued on Shoot No. 3 36D)

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SUPPLIER TERMS AND CONDITIONS

- A.\$100.00 annual registration fee payable to the Company.
- B.Proof of creditworthiness to the Company, including an appropriate financial instrument to be held by the Company and used in the event of damages as a result of the BA's actions.
- C.The name of the BA, business and mailing addresses, and the names, telephone numbers and e-mail addresses of appropriate contact persons, including the 24-hour emergency contact telephone number and emergency contact person(s).
- D.Details of the BA's dispute resolution process for austomor complaints.
- E.A signed statement by the officer(s) of the BA committing it to adhere to the open access distribution schedules, Terms and Conditions of Open Access Distribution Service, Supplier Terms and Conditions of Service and any additional requirements stated in any agreement between the BA and the Company regarding services provided by either party.
- F.Description of the (a) applicant's training and experience in billing collections, payment services and billing inquirios and (b) educational and training requirements for BA employees regarding such services.
- --- G. The Company and the BA must agree to common data formate for the exchange of billing data.
- A written agreement between the Company and the BA shall specify the bill format regarding transmission- and distribution-related services. Regardless of such format, each customer's bill rendered by the BA shall show charges for generation, transmission, distribution and other services covered under the particular bill and also indicate the provider of each service.
- The BA must agree to be subject to the same provisions as the Company, including requirements as specified in the Company's Open Access Distribution Schedules, Torms and Conditions of Open Access Distribution, Ohio Revised Code, and all other legislative and regulatory mandates regarding billing. The BA is responsible for electronically transmitting funds received from the customer for charges from Company for distribution service, tegether with the associated customer account data, on the same day as receiving said funds. The BA assumes responsibility for outstanding distribution service charges from the Company and is responsible for providing payment in full of all charges for distribution service from the Company by the due date in accordance with terms of the applicable open access distribution schedule. Failure of the BA to transmit such funds by the due date will result in late charges applied to the affected customer's account according to the provisions of the sustemer's open access distribution schedule. If the BA fails to provide payment to the Company by the due date of the next bill, the Company will thereafter directly bill the customer for distribution service from the Company. In addition, the financial instrument will be forfeited to the extent necessary to cover bills due and payable to the Company.

(Continued on Shoot No. 3 37D)

Filed pursuant to Order dated December 2, 2009 in Case No. 99-1003 EL ATA

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Schedule E2.1 Part 4D Page 125 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st-Revised Sheet No. 3-37D Cancels Original Sheet No. 3-37D Original Sheet No. 3-104D

P.U.C.O. NO. 4920

SUPPLIER TERMS AND CONDITIONS

The Company will provide a credit to BAs that are CRES Providers and that issue consolidated bills to their customers that include the Company's distribution charges. Such credit shall be equal to \$1.99 for each consolidated bill issued by the BA during the first one year period that the Company can accommodate such consolidated billing.

17. CONSOLIDATED BILLING BY THE COMPANY

- Upon request, the Company will offer Company issued consolidated bills to austomers receiving service from a CRES Provider upon execution of an appropriate agreement between the CRES Provider and the Company. Company issued consolidated billing will include budget billing as an option. The CRES Provider will be responsible for the Company's incremental cost of issuing consolidated bills. The CRES Provider must electronically provide all information in a bill ready format.
- At the Company's discretion, any customer receiving Company consolidated billing with a CRES Provider billing arroarage of more than 60 days may be switched back to the Company's Standard Offer Service and will not be permitted to select a new CRES Provider until the arroarage is paid.
- If the customer's CRES Provider defaults, the Company reserves the right to retain payments collected from the customer and to apply such payments to the Company's charges.

18. METERING AND LOAD PROFILING

- All customers with maximum monthly billing domands of 200 KW or greater for the most recent twelve (12) months shall be interval metered. The customer or the customer's CRES Previder may request an interval meter for customers with maximum monthly billing domands loss than 200 kW.
- The cost of any Interval metering facilities installed by the Company to comply with this requirement or as a result of such request shall be paid by the sustemer. The sustemer shall make a one-time payment for the metering facilities at the time of installation of the required facilities, or, at the sustemer's option, up to 24 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt. If the sustemer elects the installment payment option, the Company shall require an initial payment equal to 25% of the total cost of the metering facilities.
- In addition, the customer shall pay a not charge to cover the incremental cost of operation and maintenance and meter data management associated with such interval metering as follows.

 Charges are for service performed on a Company installed standard interval meter.

(Continued on Shoot No. 3-38D)

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2nd Revised Sheet No. 3-38D Cancels 1st Revised Sheet No. 3-38D

P.U.C.O. NO. 4920

SUPPLIER TERMS AND CONDITIONS

Performed During Normal Business Hours	(\$)
pt phone line to meter at a time other than the initial interval	
installation	<u></u>
n manual meter reading	
phone line and perform manual meter reading due to communication loss	
replace surge protector	
replace interval board	
roplace modern board	
replace interval and modern boards	

- The customer or the customer's CRES Provider may select a meter from the Company's approved equipment list. The customer or the customer's CRES Provider may communicate with the meter for the purpose of obtaining usage data, subject to the Company's communication protocol. The customer is responsible for providing the telephone line for purposes of reading the motor.
- A customer that is required to have interval metering must approve a work order for interval meter installation before a CRES Provider may serve such customer. During the period between when the customer has requested an interval meter and the time that the Company is able to install such a meter, a Company load profile will be used for settlement purposes and consumption meter readings will be used for billing.
- All load profiling shall be performed by the Company. Sample data and customer specific interval metering, when available, will be used in the development of the total load profile for which a CRES Provider is responsible for providing generation and possibly arranging transmission services. Such data shall be provided to the BA or other entities as required for mentally billing.
- 19. DEPOSITS
- Security for the payment of bills for service from a CRES Provider will be governed, as specified in Chapter 4901:1-21-07 of the Chie Administrative Code, which is herein incorporated by reference as it is from time to time amended.
- 20. PAYMENTS
- Partial payment from a customer shall be applied to the various portions of the customer's total bill in the following order: (a) past due CRES Provider charges, (b) past due distribution, Standard Offer Service generation and transmission charges, (c) current distribution, Standard Offer Service generation and transmission charges, (d) current CRES Provider charges, and (e) other past due and current non-regulated charges.

(Continued on Sheet No. 3-39D)

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P.U.C.O. NO. 4920

SUPPLIER TERMS AND CONDITIONS

21. COMPANY'S LIABILITY

In addition to the Company's liability as set forth in the Company's Torms and Conditions of Open Access Distribution Service, the following shall apply. The Company shall use reasonable diligence in delivering regular and uninterrupted supply of energy to the customer, but does not guarantee continuous, regular and uninterrupted service. The Company may, without liability, interrupt or limit the supply of service for the purpose of making repairs, changes, or improvements in any part of its system for the general good of the service or the safety of the public or for the purpose of preventing or limiting any actual or threatened instability or disturbance of the system. The Company is also not liable for any damages due to accident, strike, storm, riot, fire, flood, legal process, state or municipal interference, or any other cause beyond the Company's control. The Company shall not be liable for damages in case such service should be interrupted or fail by reason of failure of the customer's CRES Provider to provide appropriate energy to the Company for delivery to the customer. The Company shall not be liable for any damages, financial or otherwise, to any of the customer's CSPs resulting from an interruption of service:

Meters shall be provided and maintained by the Company unless the customer selects a MSP to provide metering services. Unless etherwise specified, such meters shall be and remain the property of the Company.

22. COMPETITIVE SERVICE PROVIDER'S LIABILITY

In the event of loss or injury to the Company's property through misuse by, or negligence of, the CRES Previder, MSP, MDMA or BA, or the CSP's agents and employees, the CSP shall be obligated and shall pay to the Company the full cost of repairing or replacing such property.

Unless authorized by the Company to do so, a CSP and its agents and employees shall not tamper with, interfere with or break the seals of meters or other equipment of the Company installed on the customer's premises, and, under any circumstances, the CSP assumes all liability for the consequences thereof. The CSP agrees that no one, except agents and employees of the Company, shall be allowed to make any internal or external adjustments to any meter or other piece of apparatus which belongs to the Company.

23. METER ACCURACY AND TESTS

A MSP's motor-performance levels, testing methods and test schedules must comply with all standards specified by the Company. Such details shall be specified in the agreement between the Company and the MSP.

When metering is provided by an MSP, the Company may, at its discretion, direct meter-related inquiries from the customer to the MSP for response, or the Company may send netification to the MSP to perform a test of the accuracy of its meter. At the MSP's request, or should the MSP fail to perform a customer-requested test in a timely manner, the Company, at its discretion, may agree to test the accuracy of a meter supplied by the MSP. Regardless of the test results, the MSP shall pay to the Company a flat amount equal to the Company's current average cost of performing such meter tests. Such test will be conducted using a properly calibrated meter standard.

(Continued on Shoot No. 3-40D)

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P.U.C.O. NO. 4920

SUPPLIER TERMS AND CONDITIONS

The Company, at its discretion, may perform a test of the accuracy of a meter supplied by the MSP at any time. If the meter fails to perform at the accuracy standards set forth in the Company's Terms and Conditions of Open Access Distribution Service, the MSP will be responsible to remedy the accuracy of the meter, and to pay to the Company a flat amount equal to the Company's current average cost of performing such motor toots.

24. BILLING CORRECTIONS

Any correction of bills due to a meter registration error must be coordinated with the other entities utilizing the billing data which is in error. Any entity which detects an error in billing data shall promptly notify the MDMA or the Company if it is performing the function of the MDMA. The MDMA shall then correct any necessary data and provide to the appropriate entities such data as required for billing, sottlement, scheduling, forecasting and other functions. Any billing corrections shall be consistent with the previsions of the Company's Terms and Conditions of Open Access
Distribution Service.

25.TERMINATION OR SUSPENSION OF A CRES PROVIDER

Netwithstanding any other prevision of this Tariff or any agreement between the Company and the CRES Previder, in the event of a default by the CRES Previder, the Company shall serve written notice of such default in reasonable detail and with a proposed remedy to the CRES Previder and the Commission. On or after the date the default notice has been served, the Company may file with the Commission a written request for authorization to terminate or suspend the service agreement between the Company and the CRES Previder. Except for default due to non-delivery, if the Commission does not act within ten (10) business days upon receipt of the request, the Company's request to terminate or suspend shall be deemed authorized on the eleventh (11) business days. If the default is due to non-delivery, and if the Commission does not act within five (5) business days upon receipt of the request, the Company's request to terminate or suspend shall be deemed authorized on the sixth (6) business day. Termination or suspension shall require authorization from the Commission.

The Company shall send notices pursuant to this section by e-mail, fax, overnight mail, or hand delivery to the Commission and Staff at the Commission's offices. The Company shall notify all Commissioners, the Chief of Staff, the Director of the Consumer Services Department, the Director of the Utilities Department, the Director of the Legal Department, and the Chief of the Atterney General's Public Utilities Section. The Company shall send the notice to the address and fax number provided by the CRES Provider in its service agreement with the Company.

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1st Revised Sheet No. 3-41D Cancels Original Sheet No. 3-41D Original Sheet No. 3-108D

P.U.C.O. NO. 1920

CODE OF CONDUCT

- 1.The Company shall not release any proprietary customer information (e.g., individual customer load profiles or billing hietories) to an affiliate, or otherwise, without the prior authorization of the customer, except as required by a regulatory agency or court of law.
- 2.The Company shall make customer lists, which include name, address and telephone number, available on a nondiscriminatory basis to all nonaffiliated and affiliated certified retail electric competitors transacting business in its service territory, unless otherwise directed by the customer. This prevision does not apply to customer-specific information, obtained with proper authorization, necessary to fulfill the terms of a centract, or information relating to the prevision of general and administrative support services.
- 3.Employees of the Company's affiliates shall not have access to any information about the Company's transmission or distribution systems (e.g., system operations, capability, price, curtailments, and ancillary services), that is not contemporaneously and in the same form and manner available to a nonaffiliated competitor of rotail electric service.
- 4.The Company shall treat as confidential all information obtained from a competitive supplier of retail electric service, both affiliated and nonaffiliated, and shall not release such information unless a competitive supplier provides authorization to do so.
- 5.The Company shall not tie (nor allow an affiliate to tie) or otherwise condition the prevision of the Company's regulated services, discounts, rebates, fee waivers, or any other waivers of the Company's ordinary terms and conditions of service, including but not limited to tariff previsions, to the taking of any goods and/or services from the Company's affiliates.
- 6.The Company shall not engage in joint advertising or marketing of any kind with its affiliates or directly promote or market any product or service offered by any affiliate. The Company shall also not give the appearance that the Company speaks on behalf of its affiliates or that the customer will receive preferential treatment as a consequence of conducting business with the affiliates.
- 7.The Company, upon request from a customer, shall previde a complete list of all cuppliors operating on the system, but shall not endorse any suppliers nor indicate that any supplier will receive preference because of an affiliate relationship.
- 8.The Company shall not trade upon, promote or advartise its affiliate relationship nor allow the Company name or loge to be used by the affiliate in any meterial circulated by the affiliate, unless it discloses in plain legible or audible language, on the first page or at the first point where the utility name or loge is mentioned, that:
- (a) The affiliate is not the same company as the Company;
- (b) The affiliate is not regulated by the Commission; and
- (c) The customer does not have to buy the affiliate's products in order to continue to receive quality, regulated service from the Company.

The application of the name/logo disclaimer is limited to the use of the name or logo in Ohio.

(Continued on Sheet No. 3-43D)

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P.U.C.O. NO. 4920

CODE OF CONDUCT

- 9.The Company shall provide comparable access to products and services related to tariffed products and services and specifically comply with the following:
- (a)The Company shall be prohibited from unduly discriminating in the offering of its products and/or services;
- (b)The Company shall apply all tariff provisions in the same manner to the same or similarly situated entities, regardless of any affiliation or nonaffiliation;
- (c)The Company shall not, through a tariff prevision, a contract, or otherwise, give its affiliates preference ever nonaffiliated competitors of rotail electric service or their customers in matters relating to any product and/or service;
- (d) The Company shall strictly follow all tariff provisions;
- (e)Except to the extent allowed by state law, the Company shall not be permitted to provide discounts, rebates, or fee waivers for any state regulated monopoly service; and
- (f)Violations of the provisions of this rule shall be enforced and subject to the disciplinary actions described in divisions (C) and (D) of Section 4028.18, Ohio Revised Code.
- 10.Notwithstanding any prevision of this Code of Conduct, in a declared emergency situation, the Company may take actions necessary to ensure public safety and system reliability. The Company shall maintain a log of all such actions that do not comply with this Code of Conduct, which log shall be review by the Commission.
- 11. The Company shall establish a complaint procedure for the issues concerning compliance with this rule.

 All complaints, whether written or verbal, shall be referred to the general counsel of the Company or their designee. The legal counsel shall enally acknowledge the complaint within five business days of its receipt. The legal counsel shall prepare a written statement of the complaint that shall contain the name of the complainant and a detailed factual report of the complaint, including all relevant dates, companies involved, employees involved, and the specific claim. The legal counsel shall communicate the results of the preliminary investigation to the complainant in writing within thirty (30) days after the complaint was received, including a description of any course of action that was taken. The legal counsel shall keep a file in the Cost Allocation Manual, of all such complaint statements for a period of not less than three (3) years. This complaint procedure shall not in any way limit the rights if a party to file a complaint with the Commission.

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Original Sheet No. 4-1D

P.U.C.O. NO. 20

Applicable Supply and Delivery Riders

Rider Description	Supply	Delivery	Sheet No.
Universal Service Fund Rider	Yes	Yes	60-1D
KWH Tax Rider	Yes	Yes	62-1D
Provider of Last Resort Charge Rider	Yes	Yes	69-1D
Electronic Transfer Rider	Yes	Yes	70-1D
Monongahela Power Litigation Termination Rider	Yes	Yes	73-1D
Transmission Cost Recovery Rider	Yes		75-1D
Fuel Adjustment Clause Rider	<u>Yes</u>		80-1D
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	<u>Yes</u>	<u>Yes</u>	<u>81-1D</u>
Economic Development Cost Recovery Rider	Yes	<u>Yes</u>	<u>82-1D</u>
Enhanced Service Reliability Rider	Yes	Yes	83-1D
gridSMART™ Rider	<u>Yes</u>	<u>Yes</u>	<u>84-1D</u>
Environmental Investment Carrying Cost Rider	Yes		85-1D
Deferred Asset Recovery Rider	Yes	<u>Yes</u>	<u>87-1D</u>
Standard Offer Generation Service Rider	<u>Yes</u>		<u>88-1D</u>
Distribution Investment Rider	Yes	<u>Yes</u>	89-1D

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ssued:	Issued by	Effective:

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P.U.C.O. NO. 19

MINIMUM REQUIREMENTS FOR DISTRIBUTION SYSTEM INTERCONNECTION

Applicability

This schedule is applicable to any customer with cogeneration, small power production facilities, and/or other on-site facilities producing electrical energy who wishes to operate such facilities in parallel with the Company's distribution system at voltages up to 35 kV. This schedule is not applicable to the interconnection and parallel operation of facilities which the Federal Energy Regulatory Commission has determined to be subject to its jurisdiction. A customer who has a facility that does not qualify for simplified interconnection pursuant to the PUCO's distribution interconnection rules (O.A.C. § 4901:1-22) (Commission Rules) and the Company's technical requirements for interconnection (Technical Requirements), incorporated herein by reference, may negotiate a separate interconnection agreement with the Company and the terms and conditions of this schedule shall apply to such customers to the extent that the negotiated interconnection agreement does not conflict with this schedule.

Purpose

The purpose of this schedule 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, to the extent governing authority is not preempted by federal law. This schedule states the terms and conditions that govern the interconnection and parallel operation of a customer's facility with the Company's distribution system.

Customer Request For Interconnection

Any customer seeking to physically connect facilities to the Company's distribution system, which facilities may be used in parallel operation with the Company's distribution system, shall file an interconnection application and sign an interconnection agreement with the Company. For facilities for which the referenced Technical Requirements are applicable, the customer and Company shall execute a simplified interconnection agreement. For all other facilities, the customer and the Company shall execute an interconnection agreement which may be different from the simplified agreement, but which shall conform with the provisions of this schedule, to the extent applicable. Copies of all applicable forms and the Company's Technical Requirements are available upon request.

To the extent possible, interconnection to the Company's distribution system shall take place within the following time frames:

Where no construction is required by the Company and the facility qualifies for simplified interconnection pursuant to the review procedure contained in the Commission Rules, interconnection shall be permitted within four weeks of the Company's receipt of a completed interconnection application in compliance with the terms and conditions of this schedule. Prior to actual interconnection, the customer must execute the interconnection agreement.

(Continued on Sheet No. 6-2D)

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Original Sheet No. 6-2D

P.U.C.O. NO. 19

MINIMUM REQUIREMENTS FOR DISTRIBUTION SYSTEM INTERCONNECTION

Customer Request For Interconnection (Cont'd)

- 2. Where construction or system upgrades of the Company's distribution system are required, the Company shall provide the customer, in a timely fashion, an estimate of the schedule and the customer's cost for the construction or upgrades. If the customer desires to proceed with the construction or upgrades, the customer and the Company shall enter into a contract. The contract shall contain a construction schedule listing target commencement and completion dates, and an estimate of the customer's costs for construction or upgrades. Assuming the customer is ready, the interconnection shall take place no later than two weeks following the completion of such construction or upgrades. The Company shall employ best reasonable efforts to complete such system construction or upgrades in the shortest time reasonably practical.
- All interconnection applications shall be processed by the Company in a nondiscriminatory manner. The Company shall promptly provide the customer a written notice of the Company's receipt of the application. The Company will endeavor to place such notice in the U.S. Mail or respond by Email within three business days after the application has been received by the Company's personnel designated on the application form. The Company chall provide the suctomer with a copy of the review precedure and a target date for processing the application. If the application is viewed as incomplete, the Company must provide a written notice within 10 days of receipt of the application by the Company's personnel designated on the application form that the application is not complete together with a description of the information needed to complete the application and a statement that processing of the application cannot begin until the information is received. The Company's target date chall permit interconnection in a timely manner pursuant to the requirements of the Commission Rules. Interconnection applications will be processed in the order that they are received. It is recognized that certain interconnection applications may require minor modifications while they are being reviewed by the Company. Such minor medifications to a pending application shall not require that it be considered incomplete and treated as a new or separate application. Minor modifications would not Include at least the following: changes in facility eize or location; any change requiring a new impact study; or any other substantive change.
- 4. If the Company determines that it cannot connect the customer's facility within the time frames required by the Commission Rules, the Company will notify the customer in writing of that fact as soon as possible. The notification will identify the reason or reasons the interconnection could not be completed within the time frames stated, and provide an estimated date for completion. This section shall not limit the rights of a customer for relief under Ohio Revised Code Chapter 4905.

(Continued on Sheat No. 6-3D)

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MINIMUM REQUIREMENTS FOR DISTRIBUTION SYSTEM INTERCONNECTION

Technical Requirements

The Company shall maintain a copy of the Technical Requirements at its business office such that the Technical Requirements are readily available to the public. The Company shall previde the Commission Staff with a copy of the Technical Requirements.—Standards adepted by IEEE shall supersede the applicable previsions of the Company's Technical Requirements effective the date that IEEE adopts such standards. However, any interconnection made or initiated prior to the adoption of any national standard promulgated by IEEE shall not be subject to that standard. Regarding any IEEE minimum standard, or any guideline that the IEEE may promulgate, the Company may amend the Technical Requirements to the minimum extent required to address unique local conditions, and shall provide such amendments to the Staff and make such amendments available to customers. All Technical Requirements, including superseding standards adopted by IEEE, are incorporated herein by reference.

Metering

Any metering installation, testing, or recalibration required by the installation of the customer's generation facilities shall be provided consistent with the Electric Service and Safety Standards pursuant to Ohio Revised Code Chapter 4928, and specifically O.A.C. § 4901:1-10-05 (Metering) and, as applicable, § 4901:1-10-28 (C) (Not Metering).

Liability Insurance

Prior to interconnection with the Company, the customer must provide the Company with proof of insurance or other suitable financial instrument sufficient to meet its construction, operating and liability responsibilities pursuant to this schedule. At no time shall the Company require that the applicant negotiate any policy or renew any policy covering any liability through a particular insurance company, agent, selicitor, or broker. The Company's receipt of evidence of liability insurance does not imply an endorsement of the terms and conditions of the coverage.

System Impact and Facilities Studies

For these facilities that do not qualify for simplified interconnection pursuant to the review precedure included in the Commission Rules, the Company may require a supplemental review, service study, coordination study, facilities study or Company system impact study prior to interconnection. In instances where such studies are required, the scope of such studies shall be based on the characteristics of the particular generation facility to be interconnected and the Company's system at the specific proposed location. By agreement between the Company and the customer, studies related to interconnection of the generation facility may be conducted by a qualified third party. The cost of an impact facilities study performed by the Company shall be included in the costs set forth in the Interconnection Fass section of this schedule. The Company shall provide the customer with a target date for completion of any required system impact or facilities study. Any such study conducted by the Company shall be chared with the customer.

(Continued on Sheet No. 6-4D)

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Original Sheet No. 6-4D

P.U.C.O. NO. 19

MINIMUM REQUIREMENTS FOR DISTRIBUTION SYSTEM INTERCONNECTION

Interconnection Fees

The Company shall not charge any fees for interconnection other than those authorized by this schedule. Fees contained herein apply to each installation at the Company's distribution voltages up to 35 kV.

The Company shall charge each customer that applies for interconnection service an application fee as set forth in the Commission Rules. Fees for customer applications for interconnection that meet the qualifications for level 1, level 1.1 or level 1.2 simplified review procedures will be based on the actual costs per one tenth of an hour of time spent by Company personnel on the simplified review. Customer applications for interconnection that meet the qualifications for level 2 expedited review will be subject to an application fee of \$50, plue one dollar per kilowatt of the applicant's system nameplate capacity rating. Interconnection customers whose facilities qualify for level 3 standard review procedures shall pay an application fee of \$100, plus two dollars per kilowatt of the applicant's system nameplate capacity rating.

Level 2 and level 3 interconnection review processes may require that one or more interconnection studies be performed to determine the feasibility, system impact, and cost of safely connecting the customer's generation facilities to the Company's distribution system. As specified in the Commission Rules, the cost of engineering work done as part of any feasibility, system impact or facilities study shall be billed to the customer at the Company's actual cost of performing such study.

Additional Fees

The oustomer is responsible for all equipment and installation costs of the customer's facility.

The customer shall pay any additional sharges, as determined by the Company, for equipment, labor, metering, testing or inspections requested by the customer.

Construction or Upgrade Fees

If the interconnection requires construction or an upgrade of the Company's system which, save for the generation facility would not be required, the Company will assess the customer the actual cost including applicable taxes of such construction or upgrade. Payment terms for such construction or upgrade will be agreed to and specified in the construction contract. The Company and the customer may negotiate for alternatives in order to reduce any costs or taxes applicable thereto.

Resolution of Disputes

The Company or the customer who is a non-moreantile, non-residential customer may seek resolution of any disputes which may arise out of this schodule, including the interconnection and the referenced Technical Requirements in accordance with the Commission Rules.

(Continued on Shoot No. 6-5D)

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Schedule E2.1 Part 4D Page 136 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

Special Terms and Conditions of Service

OAD-SBS and/or Schodulo OAD-NEMS.

Original Sheet No. 6-5D

P.U.C.O. NO. 19

MINIMUM REQUIREMENTS FOR DISTRIBUTION SYSTEM INTERCONNECTION

This schedule is subject to the Company's Terms and Conditions of Open Access Distribu	ution
Service and all provisions of the OAD service schedule under which the customer takes service	
applicable, the customer shall also take the appropriate service under the provisions of School	

Filed pursuant to Orders dated March 18 and March 30, 2009 in Case No. 08-918-EL-SSO

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Original Sheet No. 10-1D

P.U.C.O. NO. 19

SCHEDULE OAD - RS (Open Access Distribution - Residential Service)

Availability of Service

Available for residential electric service through one meter to individual residential customers who request and receive electric generation service from a qualified CRES Provider.

Monthly Rate (Schedule Code 820)

Customer Charge (\$)	3.82 <u>8.40</u>
Distribution Energy Charge (¢/KWH):	<u>2.140</u>
Firet 800 KWH	2.35642
All KWH Over 800 KWH	1.71224

Minimum Charge

The minimum monthly charge under this schedule shall be the sum of the customer charge and all applicable riders.

Transmission Service

Transmission service for customers served under this schedule will be made available under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with the Federal Energy Regulatory Commission and as specified in the Company's Terms and Conditions of Open Access Distribution Service.

Metering and Billing Options

The customer has the option of selecting the Company and/or an alternative supplier for metering, meter data management or billing services. Such services provided to the customer by an alternative supplier must be arranged through the CRES Provider who provides energy services to the customer. Unless the customer explicitly designates otherwise, the Company shall continue to provide such services.

An alternative provider of metering services must be registered with the Company as a qualified Meter Service Provider (MSP) as specified in the Company's Supplier Terms and Conditions of Service. The MSP shall be responsible for providing, installing and maintaining the billing meter. Such metering must be of a type approved by the Company and must meet the Company's standards for safety, reliability and accuracy. The Company's meter must be removed by qualified personnel and returned to the Company at either the expense of the MSP or the customer. Once the Company's meter has been received and inspected by the Company, then a credit of \$0.112/month shall apply.

If the customer has received metering services from an MSP and subsequently elects to have the Company once again provide, install and maintain the metering, then the customer shall pay a one-time charge based on the type of meter required.

(Continued on Sheet No. 10-2D)

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P.U.C.O. NO. 19

SCHEDULE OAD - RS (Open Access Distribution - Residential Service)

Metering and Billing Options (cont'd)

- An alternative provider of meter data management services must be registered with the Company as a qualified Meter Data Management Agent (MDMA) as specified in the Company's Supplier Terms and Conditions of Service. The MDMA shall be responsible for the collection of metered data and for providing data to the Company and other entities as required for billing purposes.
- A provider of consolidated billing must be registered with the Company as a qualified Billing Agent (BA) as specified in the Company's Supplier Terms and Conditions of Service. The BA shall then provide to the customer a consolidated monthly bill specifying the supplier and charges for generation, transmission, distribution and other services. Unless the customer chooses a BA to provide a consolidated bill, or the customer's CRES Provider has made arrangements with the Company to provide a Company-issued consolidated bill, the Company will provide a separate billing for distribution services under the provisions of this schedule.

<u>Payment</u>

- Bills from the Company are due and payable in full by mail, checkless payment plan, electronic payment plan, or at an authorized payment agent of the Company within 15 days after the mailing of the bill.
- Should a partial payment be made in lieu of the total payment of the amount owed to the Company, the payment provisions of this schedule shall apply. If a partial payment is made, such partial payment shall be applied to the various portions of the customer's bill in the following order: (a) past due CRES Provider charges, (b) past due distribution, Standard Offer Service generation and transmission charges, (c) current distribution, Standard Offer Service generation and transmission charges, (d) current CRES Provider charges, and (e) other past due and current non-regulated charges.
- 3) If the BA fails to provide payment to the Company by the date of the next monthly bill, the Company will thereafter directly bill the customer for distribution service. In addition, the financial instrument, as specified in the Supplier Terms and Conditions of Service, will be forfeited to the extent necessary to cover bills due and payable to the Company. Any remaining unpaid amounts and associated fees are the responsibility of the customer.

Applicable Riders

Monthly charges computed under this schedule shall be adjusted in accordance with the <u>Commission</u>-approved riders on sheet No. 4-1D.following applicable Riders:

Title	Sheet No.	
OAD - Universal Service, Fund Rider	60-1D	
OAD - Advanced Energy Fund Rider	61-1D	
CAD - KWH Tax Rider	62-1D	
OAD - Provider of Last Resort Charge Rider	69 1D	
OAD - Energy Efficiency and Peak Demand		
Reduction Cost Recevery Rider	81 1D	
OAD Economic Development Cost Recevery Rider	82-1D	
OAD - Enhanced Service Reliability Rider	83-1D	

(Continued on Sheet No. 10-3D)

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Schedule E2.1 Part 4D Page 139 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

Original Sheet No. 10-3D

P.U.C.O. NO. 19

SCHEDULE OAD - RS (Open Access Distribution - Residential Service)

Term of Contract

A written agreement may, at the Company's option, be required.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Open Access Distribution Service.

This schedule is available to customers engaged in agricultural enterprises where service is taken through one meter for that customer's primary residence, and not more than 100 KW of connected electrical load is outside the residence. This schedule is not extended to operations of a commercial nature or operations such as processing, preparing, or distributing products not raised or produced on the farm, unless such operation is incidental to the usual residential and farm uses.

This schedule is intended for single-phase service. Where the residential customer requests three-phase service, this schedule will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service schedule will apply to such service.

Customers with cogeneration, small power production facilities, and/or other on-site sources of electrical energy supply shall take any required distribution service under Schedule OAD - SBS or Schedule OAD - NEMS.

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P.U.C.O. NO. 19

SCHEDULE OAD - GS-1 (Open Access Distribution - General Service - Non-Demand Metered)

Availability of Service

Available for general service to <u>secondary</u> customers with maximum demands less than 10 KW and who request and receive electric generation service from a qualified CRES Provider.

Monthly Rate (Schedule Code 830, 835) Non-Demand Metered

Customer Charge (\$)	13.17 7.85
Distribution Energy Charge (¢/KWH)	0.27990 1.747

Minimum Charge

The minimum charge under this schedule shall be the sum of the customer charge and all applicable riders.

Transmission Service

Transmission service for customers served under this schedule will be made available under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with the Federal Energy Regulatory Commission and as specified in the Company's Terms and Conditions of Open Access Distribution Service.

Metering and Billing Options

The customer has the option of selecting the Company and/or an alternative supplier for metering, meter data management or billing services. Such services provided to the customer by an alternative supplier must be arranged through the CRES Provider who provides energy services to the customer. Unless the customer explicitly designates otherwise, the Company shall continue to provide such services.

An alternative provider of metering services must be registered with the Company as a qualified Meter Service Provider (MSP) as specified in the Company's Supplier Terms and Conditions of Service. The MSP shall be responsible for providing, installing and maintaining the billing meter. Such metering must be of a type approved by the Company and must meet the Company's standards for safety, reliability and accuracy. The Company's meter must be removed by qualified personnel and returned to the Company at either the expense of the MSP or the customer. Once the Company's meter has been received and inspected by the Company, then a credit of \$0.3428/month shall apply.

If the customer has received metering services from a MSP and subsequently elects to have the Company once again provide, install and maintain the metering, then the customer shall pay a one-time charge based on the type of meter required.

2) An alternative provider of meter data management services must be registered with the Company as a qualified Meter Data Management Agent (MDMA) as specified in the Company's Supplier Terms and Conditions of Service. The MDMA shall be responsible for the collection of metered data and for providing data to the Company and other entities as required for billing purposes.

(Continued on Sheet No. 20-2D)			
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P.U.C.Q. NQ. 19

SCHEDULE OAD - GS-1 (Open Access Distribution - General Service - Non-Demand Metered)

Metering and Billing Options (cont'd)

A provider of consolidated billing must be registered with the Company as a qualified Billing Agent (BA) as specified in the Company's Supplier Terms and Conditions of Service. The BA shall then provide to the customer a consolidated monthly bill specifying the supplier and charges for generation, transmission, distribution and other services. Unless the customer chooses a BA to provide a consolidated bill, or the customer's CRES Provider has made arrangements with the Company to provide a Company-issued consolidated bill, the Company will provide a separate billing for distribution services under the provisions of this schedule.

Delayed Payment Charge

- Bills from the Company are due and payable in full by mail, checkless payment plan, electronic payment plan, or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On all accounts not so paid, an additional charge of five-percent-(5%) of the unpaid balance will be made.
 - Should a partial payment be made in lieu of the total payment of the amount owed to the Company, the payment provisions of this schedule shall apply. If a partial payment is made, such partial payment shall be applied to the various portions of the customer's bill in the following order: (a) past due CRES Provider charges, (b) past due distribution, Standard Offer Service generation and transmission charges, (c) current distribution, Standard Offer Service generation and transmission charges, (d) current CRES Provider charges, and (e) other past due and current non-regulated charges.
 - 3) If the BA fails to provide payment to the Company by the date of the next monthly bill, the Company will thereafter directly bill the customer for distribution service. In addition, the financial instrument, as specified in the Supplier Terms and Conditions of Service, will be forfeited to the extent necessary to cover bills due and payable to the Company. Any remaining unpaid amounts and associated fees are the responsibility of the customer.

Optional Unmetered Service Provision (Schedule Code 831, 834, 836)

Available to customers who qualify for Schedule OAD-GS-1 and use the Company's distribution service for commercial purposes consisting of small fixed electric loads such as traffic signals and signboards which can be served by a standard service drop from the Company's existing secondary distribution system. This service will be offered at the option of the Company.

Each separate service delivery point shall be considered a contract location and shall be separately billed under the service contract.

The customer shall furnish switching equipment satisfactory to the Company. The customer shall notify the Company in advance of every change in connected load, and the Company reserves the right to inspect the customer's equipment at any time to verify the actual load. In the event of the customer's failure to notify the Company of an increase in load, the Company reserves the right to refuse to serve the contract location thereafter under this provision, and shall be entitled to bill the customer retroactively <u>under this schedule</u> on the basis of the increased load for the full period such load was connected plus three months.

(Continued on Sheet No. 20-3D)

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| Joseph Hamrock, President

AEP Ohio

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P.U.C.O. NO. 19

SCHEDULE OAD - GS-1 (Open Access Distribution - General Service - Non-Demand Metered)

Optional Unmetered Service Provision (Cont'd)

Calculated energy use per month shall be equal to the contract capacity specified at the contract location times the number of days in the billing period times the specified hours of operation. Such calculated energy shall then be billed at 0.279991.747¢/KWH plus a monthly customer charge of \$7.356.30.

Applicable Riders

Monthly charges computed under this schedule shall be adjusted in accordance with the Commission approved Riders on Sheet Number 4-1D, following applicable Riders:

Title	Sheet No.	
OAD - Universal Service Fund Rider	* 60-1D	
OAD - Advanced Energy Fund Rider	61 1D	
OAD - KWH Tax Rider	62 1D	
OAD Provider of Last Resert Charge Rider	69-1D	
OAD - Energy Efficiency and Peak Demand		
Reduction Cost Recovery Rider	81 1D	
OAD Economic Development Cost Recovery Rider	82 1D	
OAD Enhanced Service Reliability Rider	83 1D	

Term of Contract

A written agreement may, at the Company's option, be required.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Open Access Distribution Service.

Customers with cogeneration, small power production facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978, and/or other on-site sources of electrical energy supply shall take any required distribution service under Schedule OAD - SBS or Schedule OAD - NEMS.

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SCHEDULE OAD - GS-2

(Open Access Distribution - General Service - Low Load Factor)

Availability of Service

Available for general service customers with maximum demands greater than or equal to 10 kKW but less than 8,000 KW who request and receive electric generation service from a qualified CRES Provider.

Monthly Rate

	Secondary	Primary	Subtrans. Trans.
Schedule Codes	840, <u>842,</u> 844, 845 <u>,</u> 847 <u>,</u> 881, 885, 886, 887	841, 849, 846	842, <u>843,</u> 847 <u>.</u> <u>848</u>
Customer Charge (\$)	22.91 12,85	95.4752.60	272.09806.10
Distribution Demand Charge (\$/KW)	2.75 4.90	1.98 3.81	1.60 0.00
Excess KVA Demand Charge (\$/KVA)	3.822.04	3.822.04	3.822.04
Distribution Energy Charge (¢/KWH)	0.03512	0.03512	0.03512
Maximum Energy Charge (¢/KWH)	5.53420	3.08758	3.24201
Excess KVAR Demand Charge (\$/KVAR)	0.69	0.69	0.69

Minimum and Maximum Charges

The minimum monthly charge under this schedule shall be the sum of the customer charge, the product of the demand charge and the monthly billing demand, and all Commission-approved riders shown on Sheet Number 4-1DBills computed under the above rate are subject to the operation of Minimum and Maximum sharge provisions as follows:

- Minimum Charge The sum of the customer charge, the product of the demand charge and the monthly billing demand, and all applicable riders.
- 2) Maximum Charge The sum of the ouetomer charge, the product of the maximum energy charge and the metered energy, and all applicable riders. This provision shall not reduce the charge below the amount specified in the Minimum Charge provision above, (1).

Transmission Service

Transmission service for customers served under this schedule will be made available under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with the Federal Energy Regulatory Commission and as specified in the Company's Terms and Conditions of Open Access Distribution Service.

Metering and Billing Options

The customer has the option of selecting the Company and/or an alternative supplier for metering, meter data management or billing services. Such services provided to the customer by an alternative supplier must be arranged through the CRES Provider who provides energy services to the customer. Unless the customer explicitly designates otherwise, the Company shall continue to provide such services.

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P.U.C.O. NO. 19

SCHEDULE OAD - GS-2 (Open Access Distribution - General Service - Low Load Factor)

Metering and Billing Options (cont'd)

An alternative provider of metering services must be registered with the Company as a qualified Meter Service Provider (MSP) as specified in the Company's Supplier Terms and Conditions of Service. The MSP shall be responsible for providing, installing and maintaining the billing meter. Such metering must be of a type approved by the Company and must meet the Company's standards for safety, reliability and accuracy. The Company's meter must be removed by qualified personnel and returned to the Company at either the expense of the MSP or the customer. Once the Company's meter has been received and inspected by the Company, then the following credit shall apply:

	Secondary	Primary	Subtran_ smissio
			n Trans.
Credit (\$/month)	0.94 <u>1.20</u>	1.29 1.63	1.32 1.64

If the customer has received metering services from a MSP and subsequently elects to have the Company once again provide, install and maintain the metering, then the customer shall pay a one-time charge based on the type of meter required.

- 2) An alternative provider of meter data management services must be registered with the Company as a qualified Meter Data Management Agent (MDMA) as specified in the Company's Supplier Terms and Conditions of Service. The MDMA shall be responsible for the collection of metered data and for providing data to the Company and other entities as required for billing purposes.
- A provider of consolidated billing must be registered with the Company as a qualified Billing Agent (BA) as specified in the Company's Supplier Terms and Conditions of Service. The BA shall then provide to the customer a consolidated monthly bill specifying the supplier and charges for generation, transmission, distribution and other services. Unless the customer chooses a BA to provide a consolidated bill, or the customer's CRES Provider has made arrangements with the Company to provide a Company-issued consolidated bill, the Company will provide a separate billing for distribution services under the provisions of this schedule.

Delayed Payment Charge

- 1) Bills from the Company are due and payable in full by mail, checkless payment plan, electronic payment plan, or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On all accounts not so paid, an additional charge of two-2% percent (2%) of the unpaid balance will be made.
 - Should a partial payment be made in lieu of the total payment of the amount owed to the Company, the payment provisions of this schedule shall apply. If a partial payment is made, such partial payment shall be applied to the various portions of the customer's bill in the following order: (a) past due CRES Provider charges, (b) past due distribution, Standard Offer Service generation and transmission charges, (c) current distribution, Standard Offer Service generation and transmission charges, (d) current CRES Provider charges, and (e) other past due and current non-regulated charges.

(Continued on Sheet No. 21-3D)

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SCHEDULE OAD - GS-2 (Open Access Distribution - General Service - Low Load Factor)

Delayed Payment Charge (Cont'd)

3) If the BA falls to provide payment to the Company by the date of the next monthly bill, the Company will thereafter directly bill the customer for distribution service. In addition, the financial instrument, as specified in the Supplier Terms and Conditions of Service, will be forfeited to the extent necessary to cover bills due and payable to the Company. Any remaining unpaid amounts and associated fees are the responsibility of the customer.

Applicable Riders

Monthly charges computed under this schedule shall be adjusted in accordance with the <u>Commissionapproved riders on sheet No. 4-1D following applicable Riders:</u>

Title	Sheet No.
OAD - Universal Service Fund Rider	60-1D
OAD - Advanced Energy Fund Rider	61-1D
OAD - KWH Tax Rider	62-1D
OAD Provider of Last Resert Charge Rider	60 1D
OAD Energy Efficiency and Peak Domand	
Reduction Cost Recovery Rider	81-1D
OAD - Economic Development Cost Recovery Rider	82-1D
OAD - Enhanced Service Reliability Rider	83-1D

Monthly Billing Demand

Energy delivered hereunder will be delivered through not more than ene-1single-phase or ene-1 polyphase meter. Billing demand in KW shall be taken each month as the single highest 30-minute integrated peak in KW as registered during the month by a 30-minute integrating demand meter or indicator, or at the Company's option, as the highest registration of a thermal-type demand meter. For accounts over 100 KW, monthly billing demand established hereunder shall not be less than 60% of the greater of (a) the customer's contract capacity in excess of 100 KW, or (b) the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW. In no event shall the monthly billing demand be less than (a) the minimum billing demand, if any, specified in the service contract, or (b) 5 KW for any account.

If more than 50% of the customer's connected load is for electric space heating purposes, the minimum monthly billing demand for the billing months of June through October will be 25% of the greater of (a) the customer's contract capacity in excess of 100 KW, or (b) the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW.

For customers primarily engaged in seasonal agricultural related activities, the minimum monthly billing demand will be 25% of the greater of (a) the customer's contract capacity in excess of 100 KW, or (b) the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW.

The Metered Voltage adjustment, as set forth below, shall not apply to the customer's minimum monthly billing demand.

(Continued on Sheet No. 21-4D)

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	AEP Ohio

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P.U.C.O. NO. 19

SCHEDULE OAD - GS-2

(Open Access Distribution - General Service - Low Load Factor)

Excess KVAR/KVA Demand

For customers with contract capacities of 8,000 KW or greater, the monthly excess KVAR demand shall be the metered KVAR, leading or lagging, in excess of 50% of the maximum metered KW demand.

For all other customers, the monthly KVA demand shall be determined by dividing the maximum metered KW demand by the average monthly power factor. The excess KVA demand, if any, shall be the amount by which the monthly KVA demand exceeds the greater of (a) 115% of the maximum metered KW demand or (b) 100 KVA.

The Metered Voltage adjustment, as set forth below, shall apply to the customer's excess KVAR/KVA demand.

Metered Voltage

The rates set forth in this schedule are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH, KW, KVAR and RKVAH values will be adjusted for billing purposes. If the Company elects to adjust KWH, KW, KVAR and RKVAH based on multipliers, the adjustment shall be in accordance with the following:

- 1) Measurement taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

Term of Contract

For customers with annual average demands greater than 500 KW, contracts will be required for an initial period of not less than ene-1 year and shall remain in effect thereafter until either party shall give at least eix-6 months' written notice to the other of the intention to discontinue service under the terms of this schedule. For customers with demands less than 500 KW, a written agreement may, at the Company's option, be required.

A new initial contract period will not be required for existing customers who increase their contract requirements after the original initial period unless new or additional local facilities are required. The Company may, at its option, require a longer initial term of contract to fulfill the terms and conditions of service and/or in order to protect the Company's ability to recover its investment of costs over a reasonable period of time, pursuant to the Company's Terms and Conditions of Open Access Distribution Services.

The Company shall not be required to previde delivery supply capacity in excess of that contracted for except by mutual agreement.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Open Access Distribution Service.

In the event the Company, in order to prevent voltage fluctuations or disturbances on its system, installs separate transformer or transformers to supply service to welders, X-ray machines, or other equipment having similar electrical operating characteristics, such service will be metered and billed separately from the customer's_other service. The minimum monthly charge for separate service to welders, X-ray machines, etc., will be the amount determined pursuant to the Minimum Charge section above, plus \$0.490.59/KVA of installed transformer capacity.

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(Continued on Sheet No	. 21-5D)
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Original Sheet No. 21-5D

P.U.C.O. NO. 19

SCHEDULE OAD - GS-2 (Open Access Distribution - General Service - Low Load Factor)

Special Terms and Conditions (Cont'd)

Customers with cogeneration, small power production facilities, <u>which qualify under Section 210</u> of the <u>Public Utility Regulatory Policies Act of 1978</u> and/or other on-site sources of electrical energy supply shall take any required distribution service under Schedule OAD - SBS or Schedule OAD - NEMS.

This Schedule is also available to customers in the City of Columbus having other sources of energy supply, but who desire to purchase breakdown service from the Company. Where such conditions exist, the customer shall contract for the maximum amount of demand in KW as determined from the customer's connected load or the capacity of transformer and service facilities. Where service is supplied under the provisions of this paragraph, the minimum charge shall be the sum of the Breakdown Service Minimum Demand Charge per KW and the Customer Charge and shall be subject to charges and adjustments under all applicable riders. The customer shall guarantee not to operate the Company's service in parallel with the other source or sources of power supply.

	Distribution
Breakdown Service Minimum Demand Charge	
(\$ per KW)	<u>4.90</u>

Recreational Lighting Service (Schedule Code 839)

Available to customers for separately metered non-profit outdoor recreation facilities.

Monthly Rate

Customer Charge (\$)	17.23 12.00
Distribution Energy Charge (¢/KWH)	1.2578 4 <u>1.468</u>

Metering Options

The customer has the option of selecting the Company and/or an alternative supplier for metering or meter data management services. Such services provided to the customer by an alternative supplier must be arranged through the CRES Provider who provides energy services to the customer. Unless the customer explicitly designates otherwise, the Company shall continue to provide such services.

An alternative provider of metering services must be registered with the Company as a qualified Meter Service Provider (MSP) as specified in the Company's Supplier Terms and Conditions of Service. The MSP shall be responsible for providing, installing and maintaining the billing meter. Such metering must be of a type approved by the Company and must meet the Company's standards for safety, reliability and accuracy. The Company's meter must be removed by qualified personnel and returned to the Company at either the expense of the MSP or the customer. Once the Company's meter has been received and inspected by the Company, then a credit of \$1.05/month shall apply.

If the customer has received metering services from an MSP and subsequently elects to have the Company once again provide, install and maintain the metering, then the customer shall pay a one-time charge based on the type of meter required.

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P.U.C.O. NO. 19

SCHEDULE QAD - GS-2 (Open Access Distribution - General Service - Low Load Factor)

2)

An alternative provider of meter data management services must be registered with the Company as a qualified Meter Data Management Agent (MDMA) as specified in the Company's Supplier Terms and Conditions of Service. If the customer chooses a MDMA to provide such services, then a credit of \$1.05/month shall apply.

The MDMA shall be responsible for the collection of metered data and for providing data to the Company and other entities as required for billing purposes.

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Original Sheet No. 23-1D

P.U.C.O. NO. 19

SCHEDULE OAD - GS-3 (Open Access Distribution - General Service - Medium/High Load Factor)

Availability of Service

Available for general service to customers with maximum demands greater than or equal to 10 KW but less than 8,000 KW who request and receive electric generation service from a qualified CRES Provider.

Monthly Rate

	Secondary	Primary	Subtrans.	Trans.
Schedule Codes	850, 854, 855	851, 856, 859	852, 857	853, 858
Customor Charge (\$)	22.81	95.47	272.09	534.63
Distribution Demand Charge (\$/KW)	4.13	3.31	2.93	2.40
Excess KVA Demand Charge (\$/KVA)	3.82	3.82	3.82	3.82
Distribution Energy Charge (¢/KWH)	0.03512	0.03512	0.03512	0.03512
Maximum Energy Charge (¢KWH)	4.16897	3.34793	2.96605	2.43142

Minimum and Maximum Charges

Bills computed under the above rate are subject to the operation of Minimum and Maximum Charge provisions as follows:

- Minimum Charge The sum of the customer charge, the product of the demand charge and the monthly billing demand, and all applicable riders.
- 2) Maximum Chargo The cum of the customer charge, the product of the maximum energy sharge and the metered energy, and all applicable riders. This provision shall not reduce the charge below the amount specified in the Minimum Charge provision above, (1).

Transmission Service

Transmission service for customers served under this schedule will be made available under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with the Federal Energy Regulatory Commission and as specified in the Company's Terms and Conditions of Open Access Distribution Service.

Metering and Billing Options

The customer has the option of selecting the Company and/or an alternative supplier for metering, meter data management or billing services. Such services provided to the customer by an alternative supplier must be arranged through the CRES Provider who provides energy services to the customer. Unless the customer explicitly designates etherwise, the Company shall continue to provide such services.

(Continued on Sheet No. 23-2	2D)
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P.U.C.O. NO. 19

SCHEDULE OAD - GS-3

(Open Access Distribution - General Service - Medium/High Load Factor)

Metering and Billing Options (cont'd)

1)An alternative provider of metering services must be registered with the Company as a qualified Meter Service Provider (MSP) as specified in the Company's Supplier Terms and Conditions of Service. The MSP shall be responsible for providing, installing and maintaining the billing meter. Such metering must be of a type approved by the Company and must meet the Company's standards for safety, reliability and accuracy. The Company's meter must be removed by qualified personnel and returned to the Company at either the expense of the MSP or the customer. Once the Company's meter has been received and inspected by the Company, then the following credit shall apply:

	Secondary	Primary	Subtranemission	Transmission
Credit (\$/month)	1.10	1.32	1.32	1.33

If the customer has received metering services from an MSP and subsequently elects to have the Company once again provide, install and maintain the metering, then the customer shall pay a one-time charge based on the type of meter required.

- 2) An alternative provider of meter data management services must be registered with the Company as a qualified Meter Data Management Agent (MDMA) as specified in the Company's Supplier Terms and Conditions of Service. The MDMA shall be responsible for the collection of metered data and for providing data to the Company and other entities as required for billing purposes.
- 3) A provider of consolidated billing must be registered with the Company as a qualified Billing Agent (BA) as specified in the Company's Supplier Terms and Conditions of Service. The BA shall then provide to the customer a consolidated monthly bill specifying the supplier and charges for generation, transmission, distribution and other services. Unless the customer chooses a BA to provide a consolidated bill, or the customer's CRES Provider has made arrangements with the Company to provide a Company issued consolidated bill, the Company will provide a separate billing for distribution services under the provisions of this schedule.

Delayed Payment Charge

- 1)Bills from the Company are due and payable in full by mail, checkless payment plan, electronic payment plan, or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On all accounts not so paid, an additional charge of two percent (2%) of the unpaid balance will be made.
- 2)Should a partial payment be made in lieu of the total payment of the amount swed to the Company, the payment previsions of this schedule shall apply. If a partial payment is made, such partial payment shall be applied to the various portions of the customer's bill in the following order: (a) past due CRES Provider charges, (b) past due distribution, Standard Offer Service generation and transmission charges, (c) current distribution, Standard Offer Service generation and transmission charges, (d) current CRES Provider charges, and (e) other past due and current non-regulated charges.

(Continued on S	heet No. 23-3D)
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	EP Ohio

Original Sheet No. 23-3D

P.U.C.O. NO. 19

SCHEDULE OAD - GS-3

(Open Access Distribution - General Service - Medium/High Load Factor)

Delayed Payment Charge (Cont'd

3)If the BA fails to provide payment to the Company by the date of the next monthly bill, the Company will thereafter directly bill the customer for distribution service. In addition, the financial instrument, as specified in the Supplier Terms and Conditions of Service, will be forfeited to the extent necessary to cover bills due and payable to the Company. Any remaining unpaid amounts and associated fees are the responsibility of the customer.

Applicable Riders

Monthly charges computed under this schedule shall be adjusted in accordance with the following applicable Riders:

Title	Sheet No.
OAD - Universal Service Fund Rider	60-1D
OAD - Advanced Energy Fund Rider	61-1D
OAD - KWH Tax Rider	62-1D
OAD - Provider of Last Resort Charge Rider	69-1D
OAD - Energy Efficiency and Peak Demand	
Reduction Cost Recovery Rider	81-1D
OAD - Economic Development Cost Recovery Rider	82-1D
OAD - Enhanced Service Reliability Rider	83-1D

Monthly Billing Demand

Energy delivered hereunder will be delivered through not more than one single-phase or one polyphase meter. Billing demand in KW shall be taken each month as the single highest 30-minute integrated peak in KW as registered during the month by a 30 minute integrating demand meter or indicator, or at the Company's option, as the highest registration of a thermal type demand meter. For accounts over 100 KW, monthly billing demand established heraunder shall not be less than 60% of the greater of (a) the customer's contract capacity in excess of 100 KW, or (b) the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW. In no event shall the monthly billing demand be less than 5 KW for any account.

If more than 50% of the customer's connected load is for electric space heating purposes, the minimum monthly billing demand for the billing months of June through October will be 25% of the greater of (a) the customer's contract capacity in excess of 100 KW, or (b) the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW.

For customers primarily engaged in seasonal agricultural related activities, the minimum menthly billing demand will be 25% of the greater of (a) the customer's contract capacity in excess of 100 KW, or (b) the customer's highest previously established monthly billing demand during the past 11 menths in excess of 100 KW.

The Moterad Voltage adjustment, as set forth below, shall not apply to the customer's minimum menthly billing demand.

(Continued on Sheet No. 23-4D)

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Original Sheet No. 23-4D

P.U.C.O. NO. 19

SCHEDULE OAD - GS-3

(Open Access Distribution - General Service - Medium/High Load Factor)

Excess KVA Demand

The monthly KVA demand shall be determined by dividing the maximum metered KW demand by the average monthly power factor.

The excess KVA demand, if any, shall be the amount by which the monthly KVA demand exceeds the greater of (a) 115% of the maximum metered KW demand or (b) 100 KVA.

Motored Voltage

The rates set forth in this schedule are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH, KW, and RKVAH values will be adjusted for billing purposes. If the Company elects to adjust KWH, KW, and RKVAH based on multipliers, the adjustment shall be in accordance with the following:

- 1)Measurements taken at the low-side of a customer owned transformer will be multiplied by 1.01.
- Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

Term of Contract

For customers with annual average demands greater than 500 KW, contracts will be required for an initial period of not less than one year and shall remain in effect thereafter until either party shall give at least six months' written notice to the other of the intention to discontinue service under the terms of this schedule. For customers with demands less than 500 KW, a written agreement may, at the Company's option, be required.

A new initial contract period will not be required for existing customers who increase their contract requirements after the original initial period unless new or additional facilities are required. The Company may, at its option, require a longer initial term of contract pursuant to the Company's Terms and Conditions of Open Access Distribution Service.

The Company shall not be required to provide delivery in excess of that contracted for except by mutual agreement.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Open Access Distribution Service.

(Continued on Sheet No. 23-5D)

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Issued by Joseph Hamrock, P	President

AEP Ohio

Schedule E2.1 Part 4D Page 153 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

Original Sheet No. 23-5D

P.U.C.O. NO. 19

SCHEDULE OAD - GS-3 (Open Access Distribution - General Service - Medium/High Load Factor)

Special Terms and Conditions (Cont'd)

In the event the Company, in order to prevent voltage fluctuations or disturbances on its system, installs separate transformer or transformers to supply service to welders, x-ray machines, or other equipment having similar electrical operating characteristics, such service will be metered and billed separately from the customer's other service. The minimum monthly charge for separate service to welders, x-ray machines, etc., will be the amount determined pursuant to the Minimum Charge section above, plus \$0.49/KVA of installed transformer especity.

Customers with cogoneration, small power production facilities, and/or other on-site sources of electrical energy supply shall take any required distribution service under Schedule OAD SBS or Schedule OAD NEMS.

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P.U.C.O. NO. 19

SCHEDULE OAD - GS-4 (Open Access Distribution - General Service - Large)

Availability of Service

Available for general service customers who request and receive electric generation service from a qualified CRES Provider. The customer shall contract for sufficient capacity to meet normal maximum delivery requirements, but in no case shall the capacity contracted for be less than 8,000 KW.

Customers with multiple plants served under Schedule I.P., P.U.C.O. No. 14, 5th Revised Sheet No. 18, on April 20, 1981, at a subtransmission or transmission delivery voltage pursuant to the provision then in the tariff which provided that contracts will be made for minimum capacities of 20,000 KVA in the aggregate for all plants, but not loss than 3,000 KVA at any one plant, may be served herounder at the rate for the appropriate delivery voltage. Additional or substitute plants may not be served under that provision.

Monthly Rate

	Primary	Subtrans.	Trans.
Schedule Code	861	862	863
Customer Charge (\$)	162.30	429.62	534.63
Distribution Demand Charge (\$/KW)	2.77	1.15	0.43
Distribution Energy Charge (¢/KWH)	0.03512	0.03512	0.03512

Reactive Demand Charge for each KVAR of reactive demand,	
 Leading or lagging, in excess of 50% of the KW metered demand. 	\$0.48 per K\/AD
codding of agging, in oxood of dota of the first indicates defining	THE PARTY OF THE P

Minimum Charge

The minimum menthly charge under this exhedule shall be the sum of the austomer charge, the product of the demand charge and the monthly billing demand, and all applicable riders.

Transmission-Service

Transmission service for customers served under this schedule will be made available under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with the Federal Energy Regulatory Commission and as specified in the Company's Terms and Conditions of Open Access Distribution Service.

Metering and Billing Options

The ousterner has the option of selecting the Company and/or an alternative supplier for metering, meter data management or billing services. Such services provided to the customer by an alternative supplier must be arranged through the CRES Provider who provides energy services to the customer. Unless the customer explicitly designates otherwise, the Company shall continue to provide such services.

(Continued on Sheet No. 24-2D)

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AEP Ohio

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P.U.C.O. NO. 19

SCHEDULE OAD - GS-4 (Open Access Distribution - General Service - Large)

Motoring and Billing Options (cont'd)	
Meter Service Provider (MSP) as specified Service. The MSP shall be responsible for Such metering must be of a type approve standards for safety, reliability and accur qualified personnel and returned to the (must be registered with the Company as a qualified in the Company's Supplier Terms and Conditions a providing, installing and maintaining the billing meter and by the Company and must meet the Company's meter must be removed by Company at either the expense of the MSP or the been received and inspected by the Company, then a
	see from an MSP and subsequently elects to have the maintain the metering, then the sustemer shall pay a required.
as a qualified Meter Data Management Ac Terms and Conditions of Service. The MD	gement services must be registered with the Company gent (MDMA) as specified in the Company's Supplie MA shall be responsible for the collection of metered and other entities as required for billing purposes.
Agent (BA) as specified in the Company's shall then provide to the sustemer a consol for generation, transmission, distribution and to provide a consolidated bill, or the custom	p registered with the Company as a qualified Billing Supplier Torms and Conditions of Sorvice. The B/ idated monthly bill specifying the supplier and charge id other services. Unless the customer chooses a B/ ner's CRES Provider has made arrangements with the possibility the Company will provide a separate visions of this schedule.
Delayed Payment Charge	
payment plan, or at an authorized payment of the bill. On accounts not so paid, the cu	ble in full by mail, checkless payment plan, electronic agent of the Company within 21 days after the mailing istomer shall pay the Company interest on the unpair or annum from the due date to the date of payment o
Company, the payment provisions of this so partial payment shall be applied to the va order: (a) past due CRES Provider charge generation and transmission charges, (c) or	u of the total payment of the amount owed to the shedule shall apply. If a partial payment is made, such the customer's bill in the following los, (b) past due distribution, Standard Offer Service generations Provider charges, and (e) other past due and current
(Continued on	Sheet No. 24-3D)
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Original Sheet No. 24-3D

P.U.C.O. NO. 19

SCHEDULE OAD - GS-4 (Open Access Distribution - General Service - Large)

Delayed Payment Charge (Cent'd)

3) If the BA fails to provide payment to the Company by the date of the next menthly bill, the Company will thereafter directly bill the customer for distribution service. In addition, the financial instrument as specified in the Supplier Terms and Conditions of Service will be forfeited to the extent necessary to cover bills due and payable to the Company. Any remaining unpaid amounts and associated foos are the responsibility of the customer.

Applicable Riders

Monthly charges computed under this schedule shall be adjusted in accordance with the following applicable Ridere:

Title	Sheet No.
OAD - Universal Service Fund Rider	60-1D
OAD - Advanced Energy Fund Rider	61 1D
OAD - KWH Tax Rider	62-1D
OAD - Provider of Last Resort Charge Rider	69-1D
OAD - Energy Efficiency and Peak Demand	
Reduction Cost Recovery Rider	81_1D
OAD - Economic Development Cost Recovery Rider	82 1D
OAD - Enhanced Service Reliability Rider	83-1D

Monthly Billing Demand

Billing demand in KW shall be taken each menth as the single highest 30-minute integrated peak in KW as registered during the month by a 30-minute integrating demand mater or indicator or, at the Company's option, as the highest registration of a thermal-type demand meter. The monthly billing demand octablished hereunder shall not be loss than 60% of the greater of (a) the customer's contract capacity, or (b) the customer's highest previously established monthly billing demand during the past 11 months, nor loss than 8,000 KW.

For customers having multiple plants pursuant to the second paragraph under Availability of Service above, the monthly billing demand in KW for each plant shall be taken as the single highest 30-minute integrated peak in KW as registered at such plant during the month by a demand meter-or indicator, but the monthly billing demand so established shall in no event be less than 60% of the greater of (a) the customer's contrast capacity at such plant, or (b) the customer's highest previously established monthly billing demand at such plant during the past 11 months, or less than 3,000 KW, nor shall the sum of the billing demands at all plants be less than 20,000 KW in any month.

The reactive demand in KVAR shall be taken each month as the single highest 30 minute integrated peak in KVAR as registered during the month by a demand meter, or indicator, or, at the Company's option, as the highest registration of a thermal-type demand meter or indicator.

If the Company elects to adjust KWH, KW, and KVAR based on multipliers, the adjustment shall be in accordance with the following:

l	(Continued on Sheet No. 24-4D)	
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Schedule E2.1 Part 4D Page 157 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

Original Sheet No. 24-4D

P.U.C.O. NO. 19

SCHEDULE OAD - GS-4 (Open Access Distribution - General Service - Large)

Metered Voltage

The rates set forth in this schedule are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH, KW, and KVAR values will be adjusted for billing purposes.

1)Measurements taken at the low-side of a customer owned transformer will be multiplied by 1.01.

2)Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

Term of Contract

Centrasts under this schedule will be made for an initial period of not less than two years and shall remain in effect thereafter until either party shall give at least one year's written notice to the other of the intention to discontinue service under the terms of this schedule.

A new initial contract period will not be required for existing customers who increase their contract requirements after the original initial period unless new or additional facilities are required. The Company may, at its option, require a longer initial term of contract pursuant to the Company's Terms and Conditions of Open Access Distribution Service.

The Company shall not be required to provide delivery in excess of that contracted for except by mutual agreement.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Open Access Distribution Service.

A customer's plant is considered as one or more buildings which are served by a single electrical distribution system provided and operated by the customer. When the size of the customer's lead necessitates the delivery of energy to the customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the customer's system irrespective of contrary provisions in the Terms and Conditions of Open Access Distribution Service.

Customers with cogeneration, small power production facilities, and/or other on site sources of electrical energy supply shall take any required distribution service under Schedule OAD SBS or Schedule OAD NEMS.

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P.U.C.O. NO. 19

SCHEDULE OAD - SBS (Open Access Distribution - Standby Service)

Availability of Service

This schedule is available to customers with cogeneration, small power production facilities, and/or other on-site sources of electrical energy supply, with standby distribution service requirements of 50,000 KW of less and who request and receive electric generation service from a qualified CRES Provider.

Conditions of Standby Service Availability

The provision for the Company providing standby distribution service to the customer is conditionally provided on the assumption that the customer installs, operates and maintains suitable and sufficient equipment, as specified in the "Guide for Safe Integration of Non-Utility (NUG) Facilities Interconnected To The Company's Electric System," to protect the customer's facilities and the Company's system from damages resulting from such parallel operation, and upon the further condition that the Company shall not be liable to the customer for any loss, cost, damage, or expense which the customer may suffer by reason of damage to or destruction of any property, including the loss of use thereof, arising out of or in any manner connected with such parallel operation, unless such loss, cost, damage, or expense is caused by the negligence of the Company for any loss, cost, damage or expense which the Company may suffer by reason of damage to or destruction of any property, including the loss of use thereof, arising out of, or in any manner connected with such parallel operation, unless such loss, cost, damage, or expense is caused by the negligence of the customer, its agents or employees.

Detents shall be used on the necessary metering to prevent reverse rotation.

Determination of Standby Contract Capacity

The standby contract capacity in KW shall be initially established by mutual agreement between the customer and the Company for distribution capacity sufficient for the delivery of the customer's maximum standby requirements to be provided by a qualified CRES Provider.

The customer shall specify the desired standby contract capacity to the nearest 50 KW. Changes in the standby contract capacity are subject to the provisions set forth in the Term of Contract.

Monthly Standby Charge

	Secondary	Primary	Subtransmission	Transmission
Demand Charge (\$/KW)	4.98 <u>4.90</u>	3.21 <u>3.81</u>	0.280.00	0.14 0.00
Energy Charge (¢/KWH)	0.03512 0.0	0.03512 0.	0.03512 0.00	0.035120.00
	Q	00		

The minimum monthly standby charge is equal to the demand charge times the standby contract capacity plus all applicable riders.

(Continued on Sheet No. 27-2D)				
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Original Sheet No. 27-2D

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SCHEDULE OAD - SBS (Open Access Distribution - Standby Service)

Local Facilities Charge

Charges to cover interconnection costs (including but not limited to suitable meters, relays and protective apparatus) incurred by the Company shall be determined by the Company and shall be collected from the customer. Such charges shall include the total installed cost of all local facilities. The customer shall make a one time payment of the Local Facilities Charge at the time of the installation of the required additional facilities, or, at the customer's option, up to 36 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt nor the maximum rate permitted by law. If the customer elects the installment payment option, the Company may require a security deposit equal to 25% of the total cost of interconnection.

Special Provision for Customers with Standby Contract Capacities of Less than 100 KW

Customers requesting standby service with contract capacities of less than 100 KW shall be charged a monthly demand rate of \$4.833.72/KW. However, in those months when standby service is used, the demand charge shall be waived provided the customer notifies the Company in writing prior to the meter reading date and such services shall be billed according to the applicable demand-metered open access distribution rate schedule.

Contracts for such service shall be executed on a special contract form for a minimum of one year. Standby contract capacity in KW shall be set equal to the capacity of the customer's largest power production facility.

Transmission Service

Transmission service for customers served under this schedule will be made available under the terms and conditions contained within the applicable Open Access Transmission Tariff as filed with the Federal Energy Regulatory Commission and as specified in the Company's Terms and Conditions of Open Access Distribution Service.

Metering and Billing Options

The customer has the option of selecting the Company and/or an alternative supplier for metering, meter data management or billing services. Such services provided to the customer by an alternative supplier must be arranged through the CRES Provider who provides energy services to the customer. Unless the customer explicitly designates otherwise, the Company shall continue to provide such services.

An alternative provider of metering services must be registered with the Company as a qualified 1) Meter Service Provider (MSP) as specified in the Company's Supplier Terms and Conditions of Service. The MSP shall be responsible for providing, installing and maintaining the billing meter. Such metering must be of a type approved by the Company and must meet the Company's standards for safety, reliability and accuracy. The Company's meter must be removed by qualified personnel and returned to the Company at either the expense of the MSP or the customer. Once the Company's meter has been received and inspected by the Company, then a credit equal to the credit specified in the applicable demand-metered open access distribution rate schedule shall apply.

(Continued on Sheet No. 27-3D)

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Schedule E2.1 Part 4D Page 160 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 27-3D Cancels Original Sheet No. 27-3D

P.U.C.O. NO. 19

SCHEDULE OAD - SBS (Open Access Distribution - Standby Service)

Metering and Billing Options (cont'd)

If the customer has received metering services from an MSP and subsequently elects to have the Company once again provide, install and maintain the metering, then the customer shall pay a one-time charge based on the type of meter required.

- 2) An alternative provider of meter data management services must be registered with the Company as a qualified Meter Data Management Agent (MDMA) as specified in the Company's Supplier Terms and Conditions of Service. The MDMA shall be responsible for the collection of metered data and for providing data to the Company and other entities as required for billing purposes.
- 3) A provider of consolidated billing must be registered with the Company as a qualified Billing Agent (BA) as specified in the Company's Supplier Terms and Conditions of Service. The BA shall then provide to the customer a consolidated monthly bill specifying the supplier and charges for generation, transmission, distribution and other services. Unless the customer chooses a BA to provide a consolidated bill, or the customer's CRES Provider has made arrangements with the Company to provide a Company-issued consolidated bill, the Company will provide a separate billing for distribution services under the provisions of this schedule.

Delayed Payment Charge

- 1) Bills from the Company are due and payable in full by mail, checkless payment plan, electronic payment plan, or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On accounts not so paid, an additional charge of five percent (5%) of the unpaid balance-total amount billed will be made.
- Should a partial payment be made in lieu of the total payment of the amount owed to the Company, the payment provisions of this schedule shall apply. If a partial payment is made, such partial payment shall be applied to the various portions of the customer's bill in the following order: (a) past due CRES Provider charges, (b) past due distribution, Standard Offer Service generation and transmission charges, (c) current distribution, Standard Offer Service generation and transmission charges, (d) current CRES Provider charges, and (e) other past due and current non-regulated charges.
- 3) If the BA fails to provide payment to the Company by the date of the next monthly bill, the Company will thereafter directly bill the customer for distribution service. In addition, the financial instrument as specified in the Supplier Terms and Conditions of Service will be forfeited to the extent necessary to cover bills due and payable to the Company. Any remaining unpaid amounts and associated fees are the responsibility of the customer.

(Continued on Sheet No. 27-4D)

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Schedule E2.1 Part 4D Page 161 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

Original Sheet No. 27-4D

P.U.C.O. NO. 19

SCHEDULE OAD - SBS (Open Access Distribution - Standby Service)

Applicable Riders

Monthly charges computed under this schedule shall be adjusted in accordance with the <u>Commission-approved riders on sheet No. 4-1D following applicable Riders:</u>

Title	Sheet No.
OAD - Universal Service Fund Rider	6 0-1D
OAD - Advanced Energy Fund Rider	61 1D
QAD KWH Tax Rider	62-1D
OAD Provider of Last Resert Charge Rider	69-1D
OAD - Energy Efficiency and Peak Demand	
Reduction Cost Recovery Rider	81-1D
OAD - Economic Development Cost Recovery Rider	8 2-1D
OAD Enhanced Service Reliability Rider	83-1D

Term of Contract

Contracts under this schedule will be made for an initial period of not less than one year and shall continue thereafter until either party has given 6 months' written notice to the other of the intention to terminate the contract. The Company will have the right to make contracts for initial periods longer than one year.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Open Access Distribution Service.

At its discretion, the Company may require that metering be installed to monitor the customer's generation. The Company reserves the right to inspect the customer's relays and protective equipment at all reasonable times.

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Schedule E2.1 Part 4D Page 162 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 28-1D Cancels Original Sheet No. 28-1D

P.U.C.O. NO. 19

SCHEDULE OAD-NEMS (Open Access Distribution - Net Energy Metering Service)

Availability of Service

This schedule is available to customers with qualifying customer-generator facilities designed to operate in parallel with the Company's system. Customers served under this schedule must also take service under the applicable Open Access Distribution (OAD) service schedule.

Conditions of Service

- A qualifying customer is one whose generating facility complies with all the following requirements:
 - is fueled by solar, wind, biomass, landfill gas, or hydropower, or uses a microturbine or a fuel cell:
 - b. is located on the customer-generator's premises;
 - is designed and installed to operate in parallel with the Company's system without adversely affecting the operation of equipment and service of the Company and its customers and without presenting safety hazards to Company and customer personnel;
 - d. is intended primarily to offset part or all of the customer-generator's electricity needs.
- 2. The customer's generating equipment shall be installed in accordance with the manufacturer's specifications as well as all applicable provisions of the National Electrical Code. All equipment and installations shall comply with all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronic Engineers and Underwriters Laboratories, as well as any additional control and testing requirements adopted by the Commission.

Metering

Net energy metering shall be accomplished using a single meter capable of registering the flow of electricity in each direction. If the existing electrical meter installed at the customer's facility is not capable of measuring the flow of electricity in two directions, the Company, upon written request of the customer, shall install at the customer's expense an appropriate meter with such capability.

The Company may, at its own expense and with written consent of the customer, install one or more additional meters to monitor the flow of electricity.

(Continued on Sheet No. 28-2D)

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Issued: December 11, 2009 _____

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Joseph Hamrock, President

AEP Ohio

Schedule E2.1 Part 4D Page 163 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 28-2D Cancels Original Sheet No. 28-2D

P.U.C.O. NO. 19

SCHEDULE OAD-NEMS (Open Access Distribution - Net Energy Metering Service)

Monthly Charges

Monthly charges for energy, and demand where applicable, to serve the customer's net or total load shall be determined according to the Company's OAD service schedule under which the customer would otherwise be served, absent the customer-owned generation source. If a non-residential customer's qualifying customer-generator facility has a total rated generating capacity of more than 10 kW, service shall be provided under the Company's OAD demand-metered schedule (Schedule OAD-GS-2 or OAD-GS-3 depending on the customer's load characteristics).

Energy charges under the OAD service schedule shall be based on the customer's net energy for the billing period. In no event shall the customer's net energy for the billing period be less than zero for purposes of billing under the OAD service schedule.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Open Access Distribution Service and all provisions of the OAD service schedule under which the customer takes service. This schedule is also subject to the applicable provisions of the Company's Minimum Requirements for Distribution System Interconnection.

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Original Sheet No. 30-1D

P.U.C.O. NO. 20

OAD-SCHEDULE AFS (Open Access Distribution-Alternative Feed Service Rider)

Availability of Service

Standard Alternate Feed Service (AFS) is a premium service providing a redundant distribution service through a redundant distribution line and distribution station transformer, with automatic or manual switch-over and recovery, which provides increased reliability for distribution service. Schedule AFS applies to those customers requesting new or upgraded AFS after the effective date of this schedule. Schedule AFS also applies to existing customers that desire to maintain redundant service when the Company must make expenditures in order to continue providing such service and those customers provided AFS under a contract.

Schedule AFS is available to customers served under Schedule GS-2, who request an AFS from existing distribution facilities which is in addition to the customer's basic service, provided that the Company can reasonably provide available capacity from alternate distribution facilities.

System Impact Study Charge

The Company shall charge the customer for the cost incurred by the Company to conduct a system impact study for each site reviewed. The study will consist of, but is not limited to, the following: (1) identification of customer load requirements, (2) identification of the potential facilities needed to provide the AFS. (3) determination of the impact of AFS loading on all electrical facilities under review. (4) evaluation of the impact of the AFS on system protection and coordination issues including the review of the transfer switch. (5) evaluation of the impact of the AFS request on system reliability indices and power quality. (6) development of cost estimates for any required system improvements or enhancements required by the AFS, and (7) documentation of the results of the study. The Company will provide to the customer an estimate of charges for this study and payment is required prior to its initiation. Should the customer plan to increase the AFS demand the customer will be charged for any subsequent system impact studies.

Equipment and Installation Charge

The customer shall pay, in advance of construction, a nonrefundable amount for the equipment and installation costs for all dedicated and/or local facilities provided by the Company required to furnish either a new or upgraded AFS. The payment shall be grossed-up for federal and state income taxes. The customer will not acquire any title in said facilities by reason of such payment. The equipment and installation charge shall be determined by the Company and shall include, but not be limited to, the following: (1) all costs associated with the AFS dedicated and/or local facilities provided by the Company and (2) any costs or modifications to the customer's basic service facilities.

The customer is responsible for all costs associated with providing and maintaining telephone service for use with metering to notify the Company of a transfer of service to the AFS or return to basic service.

<u>(C</u>	ontinued on Sheet No. 30-2)	
Filed pursuant to Order dated	in Case No	_
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Original Sheet No. 30-2D

P.U.C.O. NO. 20

OAD-SCHEDULE AFS (Open Access Distribution-Alternative Feed Service Rider)

Monthly Rate
The customer will pay all monthly charges for the basic service as determined under the appropriate Schedule. In addition, for each kW of contract capacity or highest demand established during the last eleven (11) months, whichever is greater, the customer shall pay the following:
Primary Voltage (Standard) AFS \$3.81/ kW
Secondary Voltage AFS installed prior to January 1, 2012 (Not available for new service) \$4.90/ kW
<u>Payment</u>
Bills are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On accounts not so paid, an additional charge of 5% of the unpaid balance will be made.
AFS Capacity Reservation
The customer shall reserve a specific amount of AFS capacity equal to or less than the customer's normal maximum requirements, but in no event shall the customer's AFS capacity reservation under this Schedule exceed the capacity reservation for the customer's basic service under the appropriate tariff. The Company shall not be required to supply AFS capacity in excess of that reserved except by mutual agreement.
In the event the customer plans to increase the AFS demand at any time, the customer shall promptly notify the Company of such additional demand requirements. The customer's AFS capacity reservation and billing will be adjusted accordingly. The customer will pay the Company the actual costs of any and all additional dedicated and/or local facilities required to provide AFS in advance of construction and pursuant to a new electric service agreement for such additional AFS capacity reservation requirements. In the event the customer exceeds the agreed upon AFS capacity reservation, the Company reserves the right to disconnect the AFS. In the event the customer's AFS metered demand exceeds the agreed upon AFS capacity reservation, which jeopardizes company facilities or the electrical service to other customers, the Company reserves the right to disconnect the AFS immediately. If the Company agrees to allow the customer to continue AFS, the customer will be required to sign a new AFS agreement reflecting the new AFS capacity reservation. In addition, the customer will promptly notify the Company regarding any reduction in the AFS capacity, which shall be less than the customer's full requirements for basic service subject to the conditions in this provision. Prior to the customer receiving
requirements for basic service subject to the conditions in this provision. Prior to the customer receiving partial-load AFS capacity, the customer shall be required to demonstrate or provide evidence to the Company that they have installed demand-controlling equipment that is capable of curtailing load when a switch has been made from the basic service to the AFS. The Company reserves the right to test and verify the customer's ability to curtail load to meet the agreed upon partial-load AFS capacity reservation.
(Continued on Sheet No. 30-3)
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Original Sheet No. 30-3D

P.U.C.O. NO. 20

OAD-SCHEDULE AFS (Open Access Distribution-Alternative Feed Service Rider)

Determination of Billing Demand

Full-Load Requirement:

For customers requesting AFS equal to their load requirement for basic service, the AFS billing demand shall be taken each month as the single-highest thirty (30) minute integrated peak as registered during the month by a demand meter or indicator, but the monthly AFS billing demand so established shall in no event be less than the greater of (a) the customer's AFS capacity reservation, (b) the customer's highest previously established monthly billing demand on the AFS during the past eleven (11) months, (c) the customer's basic service capacity reservation, or (d) the customer's highest previously established monthly billing demand on the basic service during the past eleven (11) months.

Partial-Load Requirement:

For customers requesting partial-load AFS capacity reservation that is less than the customer's full requirements for basic service, the AFS billing demand shall be taken each month as the single-highest thirty (30) minute integrated peak on the AFS as registered during the month by a demand meter or indicator, but the monthly AFS billing demand so established shall in no event be less than the greater of (a) the customer's AFS capacity reservation or (b) the customer's highest previously established monthly metered demand on the partial-load AFS during the past eleven (11) months.

The Company shall designate the demand meter or indicator, demand interval, and any metered voltage adjustments used in the determination of demand under this Schedule.

Equipment Requirements and Ownership

The customer agrees to own, install, maintain, test, inspect, operate and replace as necessary the transfer switch. The customer's transfer switch shall be set with an automatic return to the basic service and shall remain with this setting unless otherwise mutually agreed upon by the Company and customer.

The customer agrees that any replacement of transfer switches be automatic-load transfer switches, and shall be set to return from the AFS circuit automatically with a closed transition except where Company's distribution system can not accept a closed transition. In addition, the customer-owned transfer switches are required to be at primary voltage and must meet the Company's engineering, operational and maintenance specifications and shall be approved by the Company's engineering group prior to installing the switchgear. Customer-owned secondary transfer switches in service prior to January 1, 2012, can be replaced with like-kind equipment with approval of the Company.

The Company reserves the right to periodically inspect the customer-owned transfer switch and controls and to disconnect the AFS for adverse impacts on reliability or safety. The customer agrees to test and inspect the switching facilities every twelve (12) months and perform maintenance as required. The testing, inspection and maintenance will be performed by the customer or by an outside contractor (for the customer) to ensure that the functional requirements as defined and provided by the Company continue to be met. Results of testing and inspections will be provided to the Company upon request.

<u>(Cor</u>	ntinued on Sheet No. 30-4)	
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Original Sheet No. 30-4D

P.U.C.O. NO. 20

OAD-SCHEDULE AFS (Open Access Distribution-Alternative Feed Service Rider)

Customer owned transfer switches in service prior to January 1, 2012, that are not automatic-load transfer switches, may continue to be used upon approval of the Company until it is determined by the Company that replacement of the transfer switch is necessary. However, during such period of use the Company and customer agree to adhere to the following operating guidelines:

- After a transfer of service to the AFS, the customer agrees to return to the basic service within twelve (12) hours following the availability of basic service, or as mutually agreed upon by the Company and customer.
- o In the event of system constraints, the customer shall accomplish the transfer back to the basic service within ten (10) minutes after notification by the Company. However, the Company will endeavor to provide as much advance notice as possible to the customer.
- Return to the basic service circuit will be performed manually by the customer, and will be coordinated with the Company load dispatcher.
- o In the event the customer fails to return to basic service within twelve (12) hours following the availability of basic service, or as mutually agreed upon by the Company and customer, or within ten (10) minutes of notification of system constraints, the Company reserves the right to immediately disconnect the customer's load from the AFS source.
- o If the customer does not return to the basic service as agreed upon, or as requested by the Company, the Company may also provide thirty (30) days' notice to terminate the AFS electric service agreement with the customer.
- All of the above testing, inspection and maintenance conditions will apply.
- o All planned, non-emergency transfers requested by either the customer or the Company will be coordinated between the customer and the Company load dispatcher. The customer shall provide for a trained individual to conduct all manual switching.

Company owned transfer switches in service prior to January 1, 2012, may continue to be used upon approval of the Company until it is determined by the Company that replacement of the transfer switch is necessary. At that time the customer will be required to own, install, maintain, test, inspect and operate the transfer switch in accordance with the above terms. Prior to the time the Company determines that replacement is necessary, the customer authorizes the Company to accept ownership and maintenance responsibility of the transfer switch. In addition, the customer will pay a monthly rate of \$11.55 for the Company to annually test the transfer switch control module. The customer also agrees to reimburse the Company actual costs involved in maintaining the Company-owned transfer switch.

Term of Contract

The customer shall contract for a definite amount of electrical capacity in kW which shall be sufficient to meet normal maximum requirements under this Schedule, but in no event shall the customer's contract capacity under this Schedule exceed the contract capacity for the customer's basic service under the appropriate general service schedule. The Company shall not be required to supply capacity in excess of that for which the customer has contracted.

Contracts will be required for an initial period of not less than one (1) year and shall remain in effect thereafter until either party shall give the other at least six (6) months written notice of the intention to discontinue service under this Schedule.

(Continued on Sheet No. 30-5).

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	Joseph Hamrock, President		

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Schedule E2.1 Part 4D Page 168 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

Original Sheet No. 30-4D

P.U.C.O. NO. 20

OAD-SCHEDULE AFS (Open Access Distribution-Alternative Feed Service Rider)

A new initial contract period will not be required for existing customers who change their contract requirements after the original initial period unless new or additional facilities are required. The Company reserves the right to make initial contracts for periods longer than one (1) year.

Special Terms and Conditions

The Company will maintain operational control of the transfer switch, including the designation of the AFS and the timing of the return from the AFS to the basic service following an interruption of service or any other operating condition. At no time will the AFS be operated in parallel with the basic service without the Company's advance written approval. The Company will have sole discretion in designating the AFS circuit and the basic service circuit.

Upon receipt of a request from the customer for non-standard AFS (AFS which includes unique service characteristics different from standard AFS), the Company will provide the customer with a written estimate of all costs, including system impact study costs, and any applicable unique terms and conditions of service related to the provision of the non-standard AFS.

Disconnection of AFS under this Schedule due to reliability or safety concerns associated with customer-owned transfer switches or AFS metered demand in excess of the AFS Capacity Reservation will not relieve the customer of payments required during the remaining term of the electric service agreement.

The provisions and charges under this Schedule are subject to revision should the customer's electric service agreement for basic service be modified.

In the event the customer's electric service agreement for basic service terminates for any reason, the customer is required to fulfill all payments according to the terms of this Schedule.

The Company assumes no responsibility should the alternate distribution circuit, the transfer switch, or other equipment required to provide the AFS fail to operate as designed or be unavailable for any reason. Service under this Schedule does not guarantee that power will be available through the AFS at all times.

This Schedule is subject to the Company's Terms and Conditions of Service.

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1st Revised Sheet No. 40-1D Cancels-Original Sheet No. 40-1D

P.U.C.O. NO. 1920

SCHEDULE OL (Outdoor Lighting)

Availability of Service

Available to residential and general service customers where appropriate existing secondary distribution facilities are readily available for the lighting of private areas. This service is not available for street and highway lighting.

Available for outdoor lighting to individual customers. Lamps installed herounder may be located in such positions as to light public thoroughfares where street lighting service of the thoroughfares is not provided by a political subdivision.

Rate

Overhead Lighting Schedule

For each lamp with luminaire and an upsweep arm not over (6) feet in length or bracket mounted floodlight, controlled by photoelectric relay, where service is supplied from an existing pole and secondary facilities of Company (a pole which presently serves another function besides supporting an area light) except in the case of post top lamps for which the rates per month already include the cost of a pole, the following charges apply. Charges are (\$ per lamp per month):

Type of Lamp	Nominal Lamp Wattage	Generation	Distribution	Total
Luminaire:				
High Pressure Sodium				
9,000 lumen high pressure sedium	100	3.05	4.767.25	7.81
16,000 lumen	150		8.04	
22,000 lumen high pressure sedium	200	4.49	5.66 9.14	10.15
22,00027,500 lumen high pressure codium	250	6.28	5.64 10.08	11.92
50,000 lumen high pressure sedium fleedlight	400	6.51	6.2610.79	12.77
9,000 lumen Post Top	100		13.77	
16,000 lumen Post Top	150		13.93	
9,000 lumen cutoff	100		8.37	
27,500 lumen cutoff	250		11.33	
50,000 lumen cutoff	400		13.15	
17,000 lumen metal hallde floodlight		3.10	7.14	10.24
29 000 lumen metal halide floodlight	T	3.74	6.57	10.31

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P.U.C.O. NO. 1920

SCHEDULE OL (Outdoor Lighting)

Type of Lamp	Nominal Lamp Wattage	Distribution
Floodlight:		
High Pressure Sodium	· -	1
9,000 lumen	100	8.17
22,000 lumen	200	9,11
27.500 lumen	250	10.80
50,000 lumen	400	10.12
140,000 lumen	1000	18.66
Metal Halide		
17,000 lumen	<u>250</u>	<u>10.58</u>
29,000 lumen	<u>400</u>	10.62
110,000 lumen	1000	17.11

Discontinued Lamps - Not available for new installations.

Type of Lamp	Nominal	Generation	Distribution	Total
	Lamp			
· ·	<u>Wattage</u>			
Luminaire:				
Mercury Vapor				
4,000 lumen	<u>100</u>		-7.45 <u>8.33</u>	-7.45
7,000 lumen mercury	<u>175</u>	-3.97	5.43 <u>7.66</u>	9.40
20,000 lumen mercury	<u>400</u>	6.68	-6.95 <u>9.81</u>	13.63
7,000 lumen Post Top	<u>175</u>		13.27	
Incandescent:				
2,500 lumen	<u>150</u>		<u>9.75</u>	
4.000 lumen	250		<u>10.51</u>	
Floodlight:				
Mercury Vapor				
20,000 lumen mercury floedlight	<u>400</u>	7.51	8.77 12.38	16.28
50,000 lumen mercury fleedlight	1000	12.81	10.05 <u>14.18</u>	22.86

When service cannot be supplied from an existing pole of the Company carrying a secondary circuit, the Company will install one pole and/or one span of secondary circuit of not over 150 feet for an additional distribution charge of \$4.05 per month.

When facilities other than those specified above are to be installed by the Company, the customer will, in addition to the above menthly charge or charges, pay in advance the installation cost for the new overhead facilities in excess of one pole and/or 150 feet of secondary circuit.

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AEP Ohio

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1st Revised Sheet No. 49-2D Cancels Original Sheet No. 40-2D

P.U.C.O. NO. 4920

SCHEDULE OL (Outdoor Lighting)

Rate (Cont'd)

POST TOP LIGHTING SERVICE (\$ per month)

	Generation	Distribution	Total
For each 7,000 lumon moreury lamp on 12			
feet post*	1.04	9.40	10.44
For each 9,000 lumen high pressure sodium			
lamp on 12 foot post	5.06	8.03	13.08

^{- *}Net available for new installations

Company will provide lamp, photoelectric relay control, post top luminaire, post, and installation, including underground wiring for a distance of 30 feet from the Company's existing secondary circuits.

When a customer requires an underground circuit longer than 30 feet for post top lighting service, the customer will:

- 1) Pay to the Company in advance a Distribution charge of \$4.14 4.60 per foot for the length of underground circuit in excess of 30 feet, and
- 2) Pay a monthly Distribution facilities charge of \$0.550.89 for each 25 feet (or fraction thereof) of underground circuit in excess of 30 feet.

The customer will, where applicable, be subject to the following conditions in addition to paying the charges set forth above.

- Customers requiring service where rock or other adverse soil conditions are encountered will be furnished service provided the excess cost of trenching and backfilling (cost in excess of \$4.063.58/foot of the total trench length) is paid to the Company by the customer.
- 2) 2)—In the event the customer requires that an underground circuit be located beneath a driveway or other pavement, the Company may require the customer to install protective conduit in the paved areas.

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AEP Ohio	

Schedule E2.1 Part 4D Page 172 of 210 Witness Responsible: Andrea E. Moore

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1st Revised Sheet No. 40-2D Cancels Original Sheet No. 40-2D

P.U.C.O. NO. 1920

SCHEDULE OL (Outdoor Lighting)

Other Equipment

When service cannot be supplied from an existing pole of the Company carrying a secondary circuit, the Company will install one (1) wood pole and/or one (1) span of secondary circuit of not over 150 feet for an additional distribution charge of \$6.346.34 per month.

When facilities other than those specified above are to be installed by the Company, the customer will, in addition to the above monthly charge or charges, pay in advance the installation cost for the new overhead facilities in excess of one (1) wood pole and/or 150 feet of secondary circuit.

Delayed Payment Charge

The above schedule is net if full payment is received by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company, within fifteen (15) days after the mailing of the bill. On all accounts not so paid, an additional charge of five percent (5%) of the total amount billed will be applied to non-residential customers and two percent (2%) on residential customers. Federal, state, county, township and municipal governments and public school systems not served under special contract are subject to the Public Authority Delayed Payment provision, Supplement 21.

Bills computed under this schedule are due and payable in full by mail, shockless payment plan, electronic payment plan or at an authorized payment agent of the Company within 15 days of the mailing date of the bill.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the <u>Commissionapproved riders on Sheet No. 4-1 following applicable riders:</u>

(Continued on Sheet No. 40-3)

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Original Sheet No. 40-4D

P.U.C.O. NO. 4920

SCHEDULE OL (Outdoor Lighting)

Applicable Riders (Cont'd)

Rider	Shoot No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61 1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Transmission Cost Recevery Rider	75 1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction	
Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
Environmental Investment Carrying Cost Rider	85-1

Monthly Kilowatt-hour Usage

The monthly kilowatt-hours for each lamp type are as follows:

Lamp	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2,500 Inc.	79	67	57	57	51	45	48	55	60	71	75	81
4,000 Inc.	124	104	104	89	79	71	76	86	94	111	116	126
4,000 Merc.	<u>55</u>	46	<u>46</u>	39	<u>35</u>	<u>31</u>	<u>33</u>	<u>38</u>	41	<u>49</u>	<u>51</u>	<u>56</u>
7,000 Merc.	91	76	76	65	58	52	55	63	69	81	86	92
20,000 Merc.	199	167	167	142	127	114	121	138	152	178	188	203
50,000 Merc.	477	400	400	340	304	272	291	331	363	427	449	486
9,000 HPSed.	51	43	43	36	32	29	31	35	39	45	48	52
16,000 HPS	<u>74</u>	<u>62</u>	<u>62</u>	<u>53</u>	<u>47</u>	42	45	<u>51</u>	<u>57</u>	<u>66</u>	70	75
22,000 HPSed.	106	89	89	76	68	61	65	74	81	95	100	108
27,500 HPS	130	109	109	93	83	74	<u>79</u>	90	99	<u>116</u>	<u>122</u>	<u>132</u>
50,000 HPSed-	210	176	176	150	134	120	128	146	160	188	198	214
140,000 HPS	<u>477</u>	400	400	340	<u>304</u>	272	<u>291</u>	<u>331</u>	<u>363</u>	427	449	<u>486</u>
17,000 M. Hal.	127	106	106	90	81	72	77	88	96	113	119	129
29,000 M. Hal.	199	167	167	142	127	114	121	138	152	178	188	203
110,000 M. Hal.	<u>477</u>	400	400	340	304	272	<u>291</u>	<u>331</u>	<u>363</u>	427	446	<u>486</u>

Ownership of Facilities

All facilities necessary for service, including fixtures, controls, poles, transformers, secondaries, lamps, and other appurtenances, shall be owned and maintained by the Company. All service and necessary maintenance will be performed only during the regular scheduled working hours of the Company. The Company shall be allowed two working days after notification by the customer to replace all burned out lamps.

Hours of Lighting

Filed pursuant to Orders dated March 18 and March 30, 2009 in Case No. 08-918-EL-SSO					
Issued: March 30, 2009	Effective: Cycle 1 April 2008				

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Original Sheet No. 40-4D

P.U.C.O. NO. 1920

SCHEDULE OL (Outdoor Lighting)

Dusk to dawn lighting shall be provided, approximately 4,000 hours per annum.

Term of Contract

Annual.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

(Continued on Sheet No. 40-4)

Ownership of Facilities

All facilities necessary for service, including fixtures, controls, poles, transfermers, secondaries, lamps, and other appurtenances, shall be owned and maintained by the Company. All service and necessary maintenance will be performed only during the regular scheduled working hours of the Company. The Company shall be allowed two working days after notification by the ousterner to replace all burned out lamps.

Term of Contract

Annual.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

Service will not be provided hereunder if in the judgment of the Company a danger or nuisance will be created thereby. Service will be terminated if after installation it proves to be a danger or nuisance.

Rates contained herein are based upon continuous use of facilities and are not applicable to seasonal use.

Filed pursuant to Orders dated March 18 and March 30, 2000 in Case No. 08 918 EL SSO					
Issued: March 30, 2009	Effective: Cycle 1 April 2009				
	Issued by				

P.U.C.O. NO. 19

SCHEDULE OAD - SL (Open Access Distribution - Street Lighting Service)

Availability of Service

Available for street lighting service to municipalities, tewnships, counties and other governmental subdivisions who request and receive electric generation service from a qualified CRES Provider. Service rendered hereunder is predicated upon the existence of a valid agreement between the Company and the customer specifying the type, number and location of lamps to be supplied and lighted. This service is not available for non-roadway lighting.

Service to be Rendered

The Company agrees to provide and maintain a street lighting system for the customer through a general system of overhead distribution sufficient to continuously operate the lamps to give the maximum amount of illumination obtainable under commercial conditions from one-half hour after sunset until one-half hour before sunrise, every night and all night, approximately 4,000 hours per annum. An underground system of distribution will be provided at prices applicable to overhead distribution where the customer pays for trenching and backfilling or provides underground ducts designed to Company specifications.

Monthly Rates

Rates applicable to existing installations. Rates also applicable to high pressure sodium for new installations and for replacing incandescent, fluorescent or mercury vapor lamps where installation can be made on an existing pole within 150' of existing secondary electric service. The Company will be the sole judge of the adequacy of existing facilities necessary to make these installations.

	Rate Per Lamp Per Month					
	On Wood Pole**	On Metal Pele	Multiple Lamps On Metal Pole	Post Top		
Mercury Vapor	(\$)	(\$)	(\$)	(\$)		
-7000 Lumen	3.67	7.11	_	_		
11000 Lumen	4.24	8.35	_	-		
20000 Lumen	4.54	8.96	6.96	_		
50000 Lumen	8.23	13.08	_	_		
-7000 Lumon Post Top*		_	_	7.04		
High Pressure Sedium						
-9000 Lumen	3.25	8.09	5.66			
16000 Lumen	3.31	8.13	5.71	_		
22000 Lumen	3.80	8.64	6.22	_		
50000 Lumen	4.11	8.95	6.53	_		
9000 Lumen Post Top*				6.77		

^{*}Available where the customer pays for trenching and backfilling or provides for underground duste designed to Company specifications.

(Continued on Sheet No. 41-2D)

Filed pursuant to Orders dated March 18 and March 30, 2009 in Case No. 08-918-EL-SSO

Issued: March 30, 2009

Effective: Cycle 1 April 2009

^{**}Applicable to Company owned fixtures on customer owned facilities approved by the Company.

P.U.C.O. NO. 20

SCHEDULE SL (Street Lighting)

Rates applicable to installations after Nevember 4, 1988 that require a new pole and secondary electric service. Fixtures and poles will be standard utility grade secured from the Company's normal suppliers. The Company will be the sole judge of the suitability of the types of fixtures and poles used.

	Rate Per Lamp Per Month					
	On Wood Pole	On Metal Pole	Multiple Lamps On Metal Pole	Post Top		
High Pressure Sodium	(\$)	(\$)	(\$)	(\$)		
-9000 Lumen	8.98	23.22	13.23			
16000 Lumen	9.04	23.28	13.28	_		
22000 Lumon	9.54	23.77	13.79	_		
50000 Lumen	9.86	24.09	14.10	-		
-9000 Lumen Post Top*			_	8.31		

^{*}Available where the customer pays for trenching and backfilling or provides for underground ducts designed to Company specifications.

Ohio Power Existing Installations through December 31, 2011

Prices applicable to existing installations. Prices also applicable to high pressure sodium for new installations and for replacing incandescent, fluorescent or mercury vapor lamps where installation can be made on an existing pole within 150' of existing secondary electric service. The Company will be the sole judge of the adequacy of existing facilities necessary to make these installations. Prices are \$ per lamp per month.

	<u>Nominal</u> <u>Lamp</u> <u>Wattage</u>	Distribution
On Wood Pole:**		
Mercury Vapor:		
7,000 lumen	<u>175</u>	4.19
11,000 jumen	<u>250</u>	4.86
20,000 lumen	400	5.20
50,000 lumen	<u>1,000</u>	9.43
High Pressure Sodium:		
9,000 lumen	100	3.82
16,000 lumen	<u>150</u>	3.89
22,000 lumen	200	4.46
50,000 lumen	400	4.83

^{**}Applicable to Company-owned fixture on customer-owned facilities approved by the Company.

(Continued on Sheet No. 41-2)

Filed pursuant to Order dated	in Case No		
Issued:	lection by	Effective:	

P.U.C.O. NO. 20

SCHEDULE SL (Street Lighting)

	Nominal	Distribution
	<u>Lamp</u> Wattage	
On Metal Pole:		
Mercury Vapor:		
7,000 lumen	<u>175</u>	<u>8.14</u>
11,000 lumen	<u>250</u>	<u>9.56</u>
20,000 lumen	400	<u>10.26</u>
50,000 lumen	1,000	<u>14.98</u>
High Pressure Sodium:		
9,000 lumen	<u>100</u>	9.50
16,000 lumen	<u>150</u>	<u>9.55</u>
	200	<u>10.15</u>
50,000 lumen	400	<u>10.51</u>
Multiple Lamps On Metal Pole:		
20,000 lumen Mercury Vapor	400	<u>7.97</u>
High Pressure Sodium:		
9,000 lumen	<u>100</u>	<u>6.65</u>
16,000 lumen	<u>150</u>	6.71
22,000 lumen	200	<u>7.31</u>
50,000 lumen	400	7.67
Post Top Unit:*		
9,000 lumen High Pressure Sodium	100	6.77

^{*}Available where customer pays for trenching and backfilling or provides for underground ducts designed to Company specifications.

Prices applicable to installations after November 4, 1988 and before December 31, 2011 that require a new pole and secondary electric service. Fixtures and poles will be standard utility grade secured from the Company normal suppliers. The Company will be the sole judge of the suitability of the types of fixtures and poles used. Prices are \$ per lamp per month.

(Continued on Sheet No. 41-3)

Filed pursuant to Order dated	_ in Case No	
Issued:		Effective:
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P.U.C.O. NO. 20

SCHEDULE SL (Street Lighting)

	<u>Nominal</u>	Distribution
	Lamp	
	<u>Wattage</u>	<u></u>
On Wood Pole:		
High Pressure Sodium:		
9,000 lumen	<u>100</u>	<u>10.55</u>
16,000 lumen	<u>150</u>	<u>10.62</u>
22,000 lumen	200	11.20
50,000 lumen	400	<u>11.58</u>
On Metal Pole:		I
High Pressure Sodium:		
9.000 lumen	<u>100</u>	23.22
16,000 lumen	<u>150</u>	23.28
22,000 lumen	200	<u>23.77</u>
50,000 lumen	400	24.09
Multiple Lamps On Metal Pole:		
High Pressure Sodium:		
9,000 lumen	100	13.23
16,000 lumen	<u>150</u>	13.28
22,000 lumen	200	13.79
50,000 lumen	400	14.48
Post Top Unit:*		
9,000 lumen High Pressure Sodium	<u>100</u>	<u>9.76</u>

^{*}Available where customer pays for trenching and backfilling or provides for underground ducts designed to Company specifications.

	(Continued on Sheet No. 41-4)		
Filed pursuant to Order dated	_ in Case No	-	
lssued:		Effective:	
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Schedule E2.1 Part 4D Page 179 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

Original Sheet No. 41-4D

P.U.C.O. NO. 20

SCHEDULE SL (Street Lighting)

All installations after December 31, 2011 will be charged the following rates:

Prices applicable to new installations on an existing pole. Prices also applicable to high pressure sodium for new installations and for replacing mercury vapor lamps where installations can be made on an existing pole within 150' of existing secondary electric service, using an eight (8) foot or less mast arm. The Company will be the sole judge of the adequacy of existing facilities necessary to make these installations.

Prices are \$ per lamp per month.

Type of Lamp	<u>Nominal</u> LampWattage	Standard	Cutoff
High Pressure Sodium:	,		
9,000 lumens	<u>100</u>	10.79	<u>16.04</u>
16,000 lumens	<u>150</u>	11.38	
22,000 lumens	<u>200</u>	<u>12.71</u>	<u> 18.51</u>
50,000 lumens	<u>400</u>	<u>16.24</u>	<u>2</u> 1.44

	(Continued on Sheet No. 41-5)	
Filed pursuant to Order dated	in Case No	
ssued:		Effective:
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P.U.C.O. NO. 20

SCHEDULE SL (Street Lighting)

Prices applicable to new installations that require a new pole, secondary electric service and an eight (8) foot or less mast arm. Fixtures and poles will be standard utility grad secured from the Company normal suppliers. The Company will be the sole judge of the suitability of the types of fixtures and poles used. Prices are \$ per lamp per month.

	Nominal Lamp		
Type of Lamp	<u>Wattage</u>	<u>Standard</u>	<u>Cutoff</u>
On Wood Pole:			
High Pressure Sodium:			
9,000 lumen	<u>100</u>	<u>17.81</u>	23.06
16,000 lumen	150	<u>18.39</u>	<u> </u>
_22,000 lumen	200	<u>19.73</u>	20.02
_50,000 lumen	400	<u>23.26</u>	<u>22.95</u>
On Metal Pole:			
High Pressure Sodium:			
9,000 lumen	<u>100</u>	<u>28.45</u>	<u>33.70</u>
16,000 lumen	<u>150</u>	<u>29.04</u>	<u> </u>
22,000 lumen	200	<u>30.38</u>	<u>36.17</u>
50,000 lumen	<u>400</u>	<u>33.90</u>	<u>39.10</u>
Multiple Lamps on Metal		1	
Pole:			
High Pressure Sodium			
9,000 lumen	<u>100</u>	<u>16.87</u>	<u> 22.12</u>
<u>16,000 lumen</u>	<u>150</u>	<u>17.45</u>	<u> </u>
22,000 lumen	200	<u>18.79</u>	<u>24.59</u>
50,000 lumen	<u>400</u>	22.31	<u>27.51</u>
Component Units*		<u> </u>	
High Pressure Sodium:		 	<u> </u>
9.000 lumen post top	<u>100</u>	<u>16.91</u>	<u> </u>

* Available where customer pays for trenching and backfilling or provides for underground ducts designed to Company specifications

(Continued on Sheet No. 41-6)	
Filed pursuant to Order dated in Case No	
ssued:	Effective:

Schedule E2.1 Part 4D Page 181 of 210 Witness Responsible: Andrea E. Moore Original Sheet No. 41-6D

OHIO POWER COMPANY

P.U.C.O. NO. 20

SCHEDULE SL (Street Lighting)

Other Equipment												,	
customer v the new far													
Th conditions placement.	should												verse soil
Delayed Payment	Charge												
<u>Due Date a</u>	and Del	aved P	ayment	Charg	e shall	be purs	uant to	the pro	visions	of Sup	plemer	nt 21.	
Applicable Riders													
Monthly C	harges	compu	ted und	der this	sched	ule sha	ill be a	diusted	in acc	ordano	e with	the Co	mmission
approved Riders or													
Monthly Kilowatt-h			_										
The month	ly kilow	att-hou	rs for e	ach lan	np type	are as	follows	:					
Lamp	Jan	Feb	Mar	Apr	May	<u>Jun</u>	Jul	Aug	Sep	Oct	Nov	Dec	1
4,000 Merc.	<u>51</u>	43	43	36	32	29	<u>31</u>	<u>35</u>	<u>39</u>	<u>45</u>	<u>48</u>	<u>52</u>]
7,000 Merc.	91	76	76	<u>65</u>	<u>58</u>	<u>52</u>	<u>55</u>	63	69	<u>81</u>	86	92	
11,000 Merc.	126	<u>106</u>	106	<u>90</u>	<u>81</u>	<u>72</u>	77	<u>88</u>	97	113	<u>119</u>	129	
20,000 Merc.	199	<u>167</u>	<u>167</u>	142	127	114	121	<u>138</u>	<u>152</u>	<u>178</u>	188	203	
50,000 Merc.	<u>477</u>	400	400	340	<u>304</u>	272	<u> 291</u>	<u>331</u>	<u> 363</u>	<u>427</u>	449	<u>486</u>	
9,000 HPS	<u>51</u>	<u>43</u>	43	<u>36</u>	32	29	<u>31</u>	<u>35</u>	<u>39</u>	<u>45</u>	<u>48</u>	<u>52</u>	
16,000 HPS	<u>74</u>	<u>62</u>	62	<u>53</u>	<u>47</u>	42	<u>45</u>	<u>51</u>	<u>57</u>	<u>66</u>	70	<u>75</u>	
22,000 HPS	<u>106</u>	89	89	<u>76</u>	<u>68</u>	<u>61</u>	<u>65</u>	74	<u>81</u>	<u>95</u>	<u>100</u>	<u>108</u>	
27,500 HPS	127	<u>106</u>	106	90	<u>81</u>	72	<u>77</u>	<u>88</u>	<u>96</u>	<u>113</u>	<u>119</u>	<u>129</u>	
50,000 HPS	<u>210</u>	<u>176</u>	<u>176</u>	<u>150</u>	134	120	<u>128</u>	<u>146</u>	160	<u>188</u>	<u>198</u>	<u>214</u>]
Electric Receptacie	<u>s</u>												
A separate metal pole installat		ution c	harge c	f \$2.11	/month	shall t	e mad	e when	electri	cal rec	eptacle:	s are in	icluded in
· .													
Filed pursuant to C	order da	ited		_ in Ca	se No.								
Issued:	_										Effectiv	/e:	

Schedule E2.1 Part 4D Page 182 of 210 Witness Responsible: Andrea E. Moore Original Sheet No. 41-7D

OHIO POWER COMPANY

P.U.C.O. NO. 20

SCHEDULE SL (Street Lighting)

Ownership of Facilities

All facilities necessary for street lighting service hereunder, including but not limited to, all poles, fixtures, street lighting circuits, transformers, lamps and other necessary facilities shall be the property of the Company and may be removed if the Company so desires, at the termination of any contract for service hereunder. The Company will maintain all such facilities

Electric Energy Rate

Eilad austriant to Order detail

The Company will furnish electric energy for a street lighting system owned and maintained by the customer at the following rate:

Monthly Rate (Schedule Code 088)

	Distribution
Customer Charge (\$)	<u>17.60</u>
Energy Charge (¢ per KWH)	1.246

This service may be provided non-metered at the Company's option. The applicable monthly KWH
charge for each non-metered lamp type shall be stated in the monthly kilowatt-hour usage chart.
Each non-metered service location shall be considered a point of delivery.
Each minimum charge under the electric energy rate for each point of delivery is the customer charge.
At non-metered service locations, the customer shall notify the Company in advance of every change in connected load. The Company reserves the right to inspect the customer's equipment at any time to verify the
actual load. In the event of the customer's failure to notify the company of an increase in load, the Company
reserves the right to refuse to serve the point of service thereafter non-metered, and shall be entitled to bill the
customer retroactively on the basis of the increased load for the full period such load was connected plus three
months.
Customers taking service under the electric energy rate provision are subject to all applicable riders.
Term of Contract
Contracts under this schedule will be made for not less than one (1) year and shall continue thereafter until terminated sixty (60) days after either party has given written notice to the other of the
intention to terminate the agreement. The Company may, at its option, require a longer initial term of
contract to fulfill the terms and conditions of service and/or in order to protect the Company's ability to
recover its investment of costs over a reasonable period of time.

(Continued on Sheet No. 41-8)

Issued: Effective:	

Schedule E2.1 Part 4D Page 183 of 210 Witness Responsible: Andrea E. Moore Original Sheet No. 41-8D

OHIO POWER COMPANY

P.U.C.O. NO. 20

SCHEDULE SL (Street Lighting)

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a gualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

The customer shall provide such cleared rights-of-way, licenses and permits as may be required to enable the Company to supply the service applied for.

Service will not be provided hereunder if in the judgment of the Company a danger or nuisance will be created thereby. Service will be terminated if after installation it proves to be a danger or nuisance.

Rates contained herein are based upon continuous use of facilities and are not applicable to seasonal

use.	
	Tree trimming is performed by the Company only when doing so prevents damage to Company facilities.
Reloca	tion and Removal of Lamps
custom	Lamps may be relocated or removed when requested in writing by a proper representative of the ner, subject to the following conditions:
	Lamps will be relocated upon payment by the customer of the estimated cost of doing the work.
undepr	Lamps will be removed upon payment by the customer of the estimated cost of doing the work plus the eciated investment less salvage value of the lamps removed.
costs.	Upon completion of the work, billing for relocation or removal of lamps will be adjusted to reflect actual
	The Company will remove or relocate lamps as rapidly as labor conditions will permit
	(Continued on Sheet No. 41-9)
Filed p	ursuant to Order dated in Case No
Issued	:

Original Sheet No. 43-1D

P.U.C.O. NO. 1920

SCHEDULE PA (Pole Attachment)

Availability of Service

Available to any person or entity, <u>CATV or private (non-profit) communication system</u>, other than a Public Utility, who has obtained, under law, any necessary public or private authorization and permission to construct and maintain attachments such as wire, cable, facility or other apparatus to the Company's poles, pedestals, or to place same in the Company's conduit duct space, so long as those attachments do not interfere, obstruct, or delay the service and operation of the Company or create a hazard to safety. <u>As used in this Tariff, an attachment of wire or cable and associated facilities or apparatus within one (1) foot of vertical space on any distribution pole owned by the Company.</u>

Rates and Charges

The following distribution rates and charges shall apply to each pole of the Company, if any portion of it is occupied by or reserved for the customer's attachments.

Initial Contact Fee.....\$1.19 4.88per pole

To cover the cost to the Company not separately accounted for in processing the application for each initial contact, but no such initial contact fee shall be required if the customer has previously paid an initial contact fee with respect to such pole location.

Billing for Initial Contact Fee will be rendered on the annual billing date each year for all accumulated initial contacts from the preceding year.

Annual Attachment Charge:

A. CATV or private (non-profit) communication

system, other than a Public Utility, a Rural

Cooperative Electric Company or Electric

Light Company Operated by a Municipality CATV and All Others......\$2.83

9.33 per pole per year

For each additional attachment made during the current rental year, as authorized and pursuant to the terms and conditions of the agreement as required herein, the annual charge shall be billed on the next annual billing date using the previous year's rate, . The full attachment charge shall be payable for any pole occupied or reserved at any time during the rental year and shall be computed on the assumption that all attachments made during the contract year were on the pole for one half the year and the annual charge shall be prorated accordingly.

If the customer wishes to abandon an attachment during a rental year, notification should be made to the Company which will reduce the total number of rental contacts accordingly for the next annual rental billing. If the customer has notified the Company of the abandonment by customer of any poles during the contract year, such poles shall be deemed to have been used for one half of the year and an appropriate credit shall be given.

Filed pursuant to Orders dated March 18 and N	ch 30, 2009 in Case No. 08-817-EL-SSO
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Schedule E2.1 Part 4D Page 185 of 210 Witness Responsible: Andrea E. Moore

	OHIO POWER COMPANY	Original Sheet No. 43-1D
1	1	original oriodition to the
ı	F.U.C.O. NO. 1620	
	SCHEDULE PA (Pole Attachment)	
	Billing of annual charges will be rendered in advance ann	nually on July 1st of each year and will be
	the rate in effect at the time of billing. Billing of annual charges will be rendered in advance annually and will be the rate in effect at the time of billing. In addition, the Compa portion of any rate increase granted during the contract year.	on each agreement's annual billing date ny shall bill the customer for the prorated
	(Continued on Sheet No. 43-2)	
	·	
		,
İ	Filed pursuant to Orders dated March 18 and March 30, 2009 in (Case No. 08-917-EL-SSO
ı	Issued: March 30, 2009	Effective: Cycle 1 April 2009

Schedule E2.1 Part 4D Page 186 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

Original Sheet No. 43-2D

P.U.C.O. NO. 1920

SCHEDULE PA (Pole Attachment)

Special Charges

Customer shall reimburse the Company for all non-recurring expenses caused by or attributable to Customer's attachments.

All charges for inspection, installation, removal, replacement or rearrangement work necessary to facilitate the Customer's attachments and requirements shall be based on the full cost and expense to the Company in performing such work. The charges shall be determined in accordance with the normal and eustemer-customary methods used by the Company in determining such cost.

Billings for special charges shall be rendered as the work is performed. Company may require advance payment of special charges before any work is initiated.

The Company reserves the right to waive any portion of the charges under this schedule applicable to non-profit entities, rural electric cooperatives and Political Subdivisions of the State of Ohio.

Payments

Bills are due and payable in full by mail, checkless payment plan, electronic payment plan, or at an authorized payment agent of the Company, within 30 days from the date the bill is issued by the Company. On bills not so paid, the customer shall pay a one-time charge of 512% of the unpaid balance.

Contracts

Pole attachments shall be allowed only upon signing by the Company and the customer of a written Agreement making reference to this schedule, and upon the approval by the Company of a written application submitted by customer requesting permission to contact specific poles.

Term of Contract

Agreements executed with reference to this schedule shall continue in force until terminated by either party giving to the other prior written notice as prescribed in said agreements. No such termination, however, shall reduce or eliminate the obligation of the customer to make payments of any amounts due to Company for any services covered by this schedule, and shall not waive charges for any attachment until said attachment is removed from the pole to which it is attached.

Should the customer not place attachments or reserve space on the Company's poles in any portion of the area covered by the agreement within six months of its effective date, the Company may, at its option, terminate the Agreement.

Special Terms and Conditions

Terms and conditions of service for this schedule shall be pursuant to any Agreement existing between the Company and the customer on July 1, 19812011. In the event that no such Agreement existed, then the terms and conditions of service shall be in accordance with the Company's standard Agreement and this schedule.

Filed pursuant to Orders dated March 18 and March 30	, 2009 in Case No. 08 017-EL-SSO
Issued: March 30, 2009	Effective: Cycle 1 April 2009
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Schedule E2.1 Part 4D Page 187 of 210 Witness Responsible: Andrea E. Moore

OHIO	POWER	COM	YNAGE
	LOWELL		

Original Sheet No. 43-32D

P.U.C.O. NO. 4920

SCHEDULE PA (Pole Attachment)

INSPECTIONS

The Company reserves the right to inspect each new installation of Licensee on its poles and in its conduit and to make periodic inspections/inventories every five (5) years or more often if, in the Company's sole discretion, the conditions may warrant and Licensee shall reimburse the Company for the expense of such inspections/inventories. The Company's right to make such inspections and any inspection made pursuant to such right shall not relieve Licensee of any responsibility, obligation, or liability imposed by law or assumed under the Agreement. When an unauthorized attachment or occupancy is found during an inspection/inventory, the Licensee will pay the Company an unauthorized attachment or occupancy sanction in the following amounts: \$100 per unauthorized attachment or occupancy is found and Licensee has not participated in a required audit: or. \$50 per unauthorized attachment or occupancy plus five (5) years annual rental if the Licensee does participate in the audit or identifies the unauthorized attachment or occupancy on its own.

Filed pursuant to Ordere_dated March 18 and March 30, 2009-	in Case No. 08-917-EL-SSO
Issued: March 30, 2009 Issued by	Effective: Cycle 1 April 2009

Original Sheet No. 53-1D

P.U.C.O. NO. 20

OAD SUPPLEMENT NO. 21 (Open Access Distribution - Public Authority-Delayed Payment)

Availability

Available to federal, state, county, township and municipal governments and public school systems'who request and receive generation service from a qualified CRES Provider. The provisions of this supplement apply only to charges from the Company for distribution service.

Delayed Payment Charge

Provisions relating to delayed payment charges in the applicable General Service Schedules shall be waived for customers in this category and the following Delayed Payment Provision shall be used.

Delayed Payment Provision

- 1. Bills from the Company are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company. If bill payment is not received by the Company in its offices on or before the specified payment date which is the Company's next scheduled meter reading date, which in no case shall be less than 15 days from the mailing date of the bill, whether actual or estimated, an additional amount equal to 1.5% (one and one-half percent) of the unpaid balance, will become due and payable as part of the customer's total obligation. In no event shall the above delayed payment provision of 1.5% be applied to the same unpaid balance for more than three (3) consecutive months (or exceed 5.0% on any single month's bill for electric consumption that the delayed payment provision has been applied). Also, the amount of the delayed payment provision shall not be less than twenty-five cents (25¢) each month. This provision is not applicable to unpaid account balances existing on the effective date of the tariff pursuant to Case No. 84-486-EL-ATA.
- 2. Should a partial payment be made in lieu of the total payment of the amount owed to the Company, the payment provisions of this schedule shall apply. If a partial payment is made, such partial payment shall be applied to the various portions of the customer's bill in the following order: (a) past due CRES Provider charges, (b) past due distribution, Standard Offer Service generation and transmission charges, (b) past due CRES Provider charges, (c) current CRES Provider charges, (d) current distribution, Standard Offer Service generation and transmission charges, (d) current CRES Provider charges, and (e) other past due and current non-regulated charges.
- 3. If the BA fails to provide payment to the Company by the date of the next monthly bill, the Company will thereafter directly bill the customer for distribution service. In addition, the financial instrument as specified in the Supplier Terms and Conditions of Service will be forfeited to the extent necessary to cover bills due and payable to the Company. Any remaining unpaid amounts and associated fees are the responsibility of the customer.

Filed pursuant to Order	dated	in Case No	_•		
Issued:	_			Effective: _	
		Issued by			

Schedule E2.1 Part 4D Page 189 of 210 Witness Responsible: Andrea E. Moore

1	OHIO POWER COMPANY	2 nd -Revised <u>Original</u> Sheet No. 60-1D Cancels 4 st -Sheet No. 60-1D
ı	P.U.C.O. NO. 19 20	
•	UNIVERSAL SERVICE FUND RIDER	
	SHIPEROXE SERVICE FORD MIDER	
 	Effective Cycle 1 January 2011, all customer bills subject to the provany bills rendered under special contract, shall be adjusted by the Unive 0.257500.24302¢/KWH for the first 833,000 KWH consumed each month an consumed each month in excess of 833,000 KWH.	rsal Service Fund charge of
		*
1	Filed pursuant to Order dated December 15, 2010 in Case No	10-725-EL-USF

Issued: December 20, 2010

Schedule E2.1 Part 4D Page 190 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

Original Sheet No. 61-1D

P.U.C.O. NO. 19

OAD -ADVANCED ENERGY FUND RIDER (Open Access Distribution – Advanced Energy Fund Rider)

Effective Cycle 1 January 2006, all oustomer bills subject to the previsions of this Rider, including any bills rendered under special contract shall be adjusted by the Energy Efficiency Fund charge of \$0.0895 per customer bill per menth.

This Rider shall remain in effect until the earlier of December 31, 2010 or notification by the Ohio Department of Development as required by Section 4928.61, Ohio Revised Code.

Filed pursuant to Orders dated March 18 and March 30, 2009 in Case No. 08-917-EL-SSO

Issued: March 30, 2009

Effective: Cycle 1 April 2009

Original 1st Revised Sheet No. 62-1D Cancels Original Sheet No. 62-1D

P.U.C.O. NO. 20

OAD KWH TAX RIDER	ou Didan		
(Open Access Distribution - KWH Ta	ix Rider)		
Effective May 1, 2001, all customer bills subject to the any bills rendered under special contract, shall be adjusted by the KWF			
For the first 2,000 KWH used per month	0.465 ¢/KWH		
For the next 13,000 KWH used per month	0.419 ¢/KWH		
For all KWH used in excess of 15,000 KWH per month	0.363 ¢/KWH		
Commercial and industrial customers that consumed, over the course of the previous calendar year, or that estimate that they will consume in the current year, more than 45,000,000 KWH may elect to self-access the KWH Tax at the rate of 0.075¢/KWH plus four percent (4%) of the total price of electricity delivered by the Company, qualify under Division (2) © of Section 5727.81, Ohio Revised Code, may elect to self-assess the KWH tax under the terms of that Section. Payment of the tax will be made directly to the Treasurer of the State of Ohio in accordance with Divisions (A)(4) and (5) of Section 5727.82, Ohio Revised Code.			
This Rider shall not apply to federal government accounts.			

Filed pursuant to Orders dated March 18 and March 30, 2009in 0	Case No. 08-917-EL-SSO
Issued: March 30, 2009 Issued by Joseph Hamrock, President	Effective: Cycle 1 April 2009

AEP Ohio

Original 1st Revised Sheet
No. 69-1D
Cancels Original Sheet
No. 69-1D

P.U.C.O. NO. 1920

OAD - PROVIDER OF LAST RESORT CHARGE RIDER (Open Access Distribution - Provider of Last Resort Charge Rider)

Effective Cycle 1 April 2009 ______through the last billing cycle of December 2009, all customer bills subject to the provision of this Rider, including any bills rendered under special contract, shall be adjusted by the Provider of the Last Resort Charge of \$0.00284 per KWH_-es fellows:

Schedule	¢/KWH
OAD-RS	0.31771
OAD GS-1	0.35875
OAD GS-2	0.36695
OAD GS 3	0.26354
OAD - GS-4	0.21522
OAD EHG	0.39076
OAD - EHS	0.50548
OAD SS	0.40104
OAD OL	0.07760
OAD SL	0.07737
OAD SBS	0.25642

Effective Cycle 1 January 2010, the Provider of Last Resort Charge shall be the following:

Schedule	¢/KWH
OAD RS	0.23366
OAD GS-1	0.2638 4
OAD GS-2	0.26088
OAD GS 3	0.19382
OAD GS-4	0.15828
OAD EHG	0.2873 9
OAD - EHS	0.37175
OAD SS	0.29494
OAD OL	0.05707
OAD—SL	0.05690
OAD - SBS	0.18858

Customers of a governmental aggregation where the legislative authority that formed such governmental aggregation has filed written notice with the Commission pursuant to Section 4928.20 (J), Ohio Revised Code, that it has elected not to receive default service from the Company at standard service offer rates shall not be subject to charges under this Rider.

ı	Filed pursuant to Orders dated March 18 and March 30, 2009in Case No. 08 018 EL SSO
	Issued: March 30, 2009 Effective: Cycle 1 April
ı	2009
	Issued by
	Joseph Hamrock, President
	AEP Ohio

Schedule E2.1 Part 4D Page 193 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

Original-1st Revised Sheet No. 69-1D Cancels Original Sheet No. 69-1D

P.U.C.O. NO. 1920

OAD - PROVIDER OF LAST RESORT CHARGE RIDER (Open Access Distribution - Provider of Last Resort Charge Rider)

Customers that elect to take energy service from a CRES Provider and agree to pay the market price of power should they return to energy service from the Company, shall not be subject to charges under this Rider.

Filed pursuant to Orders dated March 18 and March 30, 2009in Case No. 08-918-EL-SSO	
Issued: March 30, 2009 Effective: Cycle 1 Ap	pril
Joseph Hamrock, President	
AEP Ohio	

Schedule E2.1 Part 4D Page 194 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

1st Revised Sheet No. 70-1D Cancels Original Sheet No. 70-1D

P.U.C.O. NO. 4920

ELECTRONIC TRANSFER RIDER (Open Access Distribution-Electric Transfer Rider)

For any General Service customer who agrees to make payments to the Company by electronic transfer, the 21 days provision in the Delayed Payment Charge in the General Service tariffs shall be modified to 22 days. If the 22nd day falls upon a weekend or the legal holidays of New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, the payment must be received by the next business day to avoid the Delayed Payment Charge.

Filed pursuant to Orders dated March 18 and Ma SSO	rch 30, 2009	_in Case No . 08 918 EL
Issued: March 30, 2000	Issued by	Effective: Cycle 1 April 2009

Schedule E2.1 Part 4D Page 195 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPAN	YOWER COMPA	COMPA	ANY
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Original Sheet No. 73-1D

P.U.C.O. NO. 1920

OAD -MONONGAHELA POWER LITIGATION TERMINATION RIDER (Open Access Distribution – Monongahela Power Litigation Termination Rider)

Effective Cycle 1 January 2006, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Monongahela Power Litigation Termination Rider of 0.01229¢ per KWH. This temporary Rider shall remain in effect until the amounts authorized by the Commission in Case No. 05-765-EL-UNC have been collected.

Filed pursuant to Orders dated March 18 and March 30, 2009______in Case No. 08-917-EL-SSO______

Issued: March 30, 2009______

Effective: Cycle-1 April 2009______

OHIO POWER	COMPANY
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4st-2nd Revised Sheet No. 81-1D Cancels Original 1st Revised Sheet No. 81-1D

P.U.C.O. NO. 19

OAD – ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER (Open Access Distribution – Energy Efficiency and Peak Demand Reduction Cost Recovery Rider)

Effective Cycle 1 June 2010,	all	customer	bills	subject	to	the	provi	sions	of	this	Rider
including any bills rendered under special cor	itrac	t, shall be	e adju	usted by	the	En:	ergy I	Efficie	ncy	and	Peak
Demand Reduction Cost Recovery charge per	KΜ	/H as follo	ws:								

Schedule	¢/KWH		
OAD - RS	0.29406 0.28902		
OAD - GS-1	0.26073 0.26773		
OAD - GS-2	0.26073 0.26773		
OAD - GS-3	0.26073 0.26773		
OAD - GS-4	0.036620.03845		
OAD EHG	0.260730.26773		
OAD - EHS	0.260730.26773		
OAD - SS	0.260730.26773		
OAD – OL	0.0000		
OAD - SL	0.00000		
OAD - SBS	0.00000		

If approved by the Commission, mercantile customers that have committed their demand response or other customer-sited capabilities, whether existing or new, for integration into the Company's demand response, energy efficiency or peak demand reduction programs, may be exempted from this Rider.

Filed pursuant to Order dated May 13, 2010	in Case No. 09-1090-EL-POR		
Issued: May 21, 2010	Effective: Cycle 1 June 2010		
	Issued by		

Schedule E2.1 Part 4D Page 197 of 210 Witness Responsible: Andrea E. Moore

	OHIO POWER COMPANY Can	3 rd 4 th Revised Sheet No. 82-1D cels 2 rd 3 rd Revised Sheet No. 82-1D				
	P.U.C.O. NO. 1920					
	OAD - ECONOMIC DEVELOPMENT COST RECOVERY RIDER (Open Access Distribution - Economic Development Cost Recovery Rider)					
l l	Rider, including any bills rendered under special contract, shall be Development Cost Recovery charge of 8.487949.63500% of the customer the Company's Schedules, excluding charges under any applicable Riders. periodically to recover amounts authorized by the Commission.	adjusted by the Economic 's distribution charges under				
ļ	Filed pursuant to Order dated September 22, 2010in Case No. 10-	1072-EL-RDR				
1	Issued: September 27, 2010	ctive: Cycle 1 October, 2010				

Schedule E2.1 Part 4D Page 198 of 210 Witness Responsible: Andrea E. Moore

OHIO	POWER	COM	IPANY
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 2^{nd} - 3^{rd} Revised Sheet No. 83-1D Cancels 4^{st} 2^{nd} Revised Sheet No. 83-1D

P.U.C.O. NO. 4920

OAD – ENHANCED SERVICE RELIABILITY RIDER (Open Access Distribution – Enhanced Service Reliability Rider)

Effective Cycle 1 September 2010______, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Enhanced Service Reliability charge of 5.899394.58062% of the customer's distribution charges under the Company's Schedules, excluding charges under any applicable Riders. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Filed pursuant to Order dated August 25, 2010 in Case No. 10-163-EL-RDR

Issued: August 27, 2010

Effective: Cycle 1 September 2010

Schedule E2.1 Part 4D Page 199 of 210 Witness Responsible: Andrea E. Moore

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Original 1st Revised Sheet No. 84-1D Cancels Original Sheet No. 84-1D

P.U.C.O. NO. 4920

OAD -gridSMART RIDER (Open Access Distribution- gridSMART RIDER)

	all customer bills subject to the provisions of this Rider, including any bills
	ct, shall be adjusted by the monthly gridSMART charge. This Rider shall be a mounts authorized by the Commission.
Residential Customers	\$0.27/month
Non-Residential Customers	\$1.00/ month

Filed pursuant to order dated in Case No.

Issued:

Issued By

Effective:

Issued By
Joseph Hamrock, President
AEP Ohio

Schedule E2.1 Part 4D Page 200 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

Original Sheet No. 87-1D

P.U.C.O. NO. 20

Open Access Distribution- Enhanced Service Reliability Rider)

Effective Cycle 1, 2013, all customer bills subject to the provision of this Rider, including any bills rendered under special contract, shall be adjusted by the Deferred Asset Recovery Rider charge of 12.2562% of the customer's distribution charges under the Company's Schedules, excluding charges under any applicable Riders. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Filed pursuant to order dated	in Case No.	
Issued:	···	Effective:
	<u>Issued By</u>	
	Joseph Hamrock, President	

AEP Ohio

Schedule E2.1 Parl 4D Page 201 of 210 Witness Responsible: Andrea E. Moore

OHIO	POWER	COMPANY

Original Sheet No. 89-1D

P.U.C.O. NO. 20

OAD - Distribution Investment Rider
(Open Access Distribution - Distribution Investment Rider)

Effective , all customer bills subject of the provision of this Rider, including any bills rendered under special contract, shall be adjusted by the Distribution Investment Rider charge of 0.00% of the customer's distribution charges under the Company's Schedules, excluding charges under any applicable Riders. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Filed pursuant to order dated	in Case No.	
Issued:		Effective:
	Issued By	

Joseph Hamrock, President AEP Ohio

Original Sheet No. 90-1D

P.U.C.O. NO. 19

EMERGENCY ELECTRICAL PROCEDURES

[A] CENERAL

Emergency electrical precedures may be necessary if there is a chertage in electric power or energy to meet the demands of customers in the electric service area of Ohio Power Company (OPCo or Company). Should such emergency procedure become necessary, the Company shall advise promptly the Public Utilities Commission of Ohio (Commission) of the nature, time, and duration of all implemented emergency conditions and procedures which affect normal service to customers.

Each year, prior to March 1st, the Company will apprise the public of the state of electricity supply in its service area.

As appropriate, and dependent on the nature of the anticipated or occurring emergency, the Company shall initiate the following precedures.

[B] -- EMERGENCY PROCEDURES DURING DECLINING SYSTEM FREQUENCY

Introduction

Precautionary precedures are required to meet emergency conditions such as system separation and operation at subnormal frequency. In addition, the coordination of those emergency precedures with neighboring companies is essential. The AEP program, which is in accordance with ECAR Document 3, is noted below.

(Continued on Sheet No. 90-2D)

Procedures
From 60.0-59.8 Hz to the extent practicable utilize all operating and emergency reserves. The manner of utilization of these reserves will depend greatly on the behavior of the System during the emergency. For rapid frequency decline, only that capacity on line and automatically responsive to
requency (spinning reserve), and such items as interconnection assistance and load reductions by automatic means are of assistance in arresting the decline in frequency.
If the frequency decline is gradual, the system operators, particularly in the deficient area, should need not automatic procedures involving operating and emergency reserves. These efforts should continue until the frequency decline is arrested or until automatic load-shedding devices operate at subnormal frequencies.
2. At 59.8 Hz trip automatic load-frequency control system at SCC and at the power plants. (Also rip at 60.2 Hz.)
3. At 59.8 Hz notify interruptible eustemers to drop loads.
1. At 59.5 Hz automatically shed 3-1/3% of System internal load, excluding interruptibles, by relay section.
5.At 59.4 Hz automatically shod an additional 3-1/3% of System internal load, excluding interruptibles, by relay action.

Filed pursuant to Orders dated March 18 and March 30, 2009 in Case No. 08-918-EL-SSO

Effective: Cycle 1 April 2009 Issued: March 30, 2009

Original Sheet No. 90-2D

P.U.C.O. NO. 19

EMERGENCY ELECTRICAL PROCEDURES

6. interrup	At 59.3 Hz automatically shed an additional 3-1/3% of System internal load, excluding tibles, by relay action.
7. by relay	At 59.1 Hz automatically shed an additional 5% of System internal load, excluding interruptibles, / action.
8. by relay	At 59.0 Hz automatically shed an additional 5% of System internal load, excluding interruptibles, action.
9. by rolay	At 58.9 Hz automatically shed an additional 5% of System internal load, excluding interruptibles, raction.
10.	At 58.2 Hz automatically trip the D.C. Cook Nuclear Units 1 and 2.
11	At 58.0 isolate generating units without time delay.
the Sys minuted shed ar	y time in the above procedure the decline in area frequency is arrested below 59.0 Hz, that part of stem in the low frequency area should shed an additional 10% of its initial load. If, after five so, this action has not returned the area frequency to 59.0 Hz or above, that part of the System shall additional 10% of its remaining load and continue to repeat in five minute intervals until 59.0 Hz ned. These steps must be completed within the time constraints imposed upon the operation of

[C] CAPACITY EMERGENCY CONTROL PROGRAM

Introduction

generating units.

A capacity deficiency exists on the AEP System when AEP cannot meet its internal load obligations and its reliability reserve requirements by use of its own generation or purchases from interconnections.

When a capacity deficiency exists on the AEP System that requires the use of emergency resources, they shall be utilized – to the extent needed and feasible – in the sequence indicated as follows. If it is anticipated that Stops 8, 11 and 13 may be required, a Voltage Reduction Alert, a Voluntary Load Curtailment Alert will be issued by the System Central Center (SCC) giving as much advance notice as possible.

The emergency capacity resources for meeting load, together with the priority order of use and the method of communication, are presented below:

Definitions

The definitions associated with the emergency capacity resources are provided below:

(Continued on Sheet No. 90-3D)

Filed pursuant to Orders dated March 18 and March 30, 2009 in Case No. 08-918-EL-SSO

Issued: March 30, 2009

Effective: Cycle 1 April 2009

Original Sheet No. 90-3D

P.U.C.O. NO. 19

EMERGENCY ELECTRICAL PROCEDURES

1.Interruptible Loads
Interruptible Leads are defined as customer leads served under tariffs that provide for the
curtailment and interruption of such loads as a condition of sorvice. Such loads are included in Step 1 of
the Capacity Deficiency Procedure. In the event of a shortage of generating capacity on the AEP System
that cannot be alleviated from sources of generation on neighboring systems, Interruptible Loads shall be
curtailed or interrupted at the direction of the AEP SCC under the conditions defined below:
a.To arrest a decline in system frequency caused by AEP generation deficiency and to attempt to restore
Area Control Error to zero following the sudden less of generation if available spinning reserve is
insufficient to do so. Partial or full service shall be restored to Interruptible Leads as soon as (1) sufficient
amounts of replacement energy are made available and delivered by interconnected electric utility
systems, or (2) system generation is able to match system load requirements.
b.To arrest declining system frequency caused by AEP generation deficiency and to attempt to rectore Area Control Error to zero during periods of shortage of generating capacity on the AEP System that cannot be alleviated from sources of generation on interconnected electric utility systems as provided in the Capacity Deficiency Procedure.
c. To arrest declining system frequency when the entire interconnected system is critically short of generating capacity.
d. To conserve fuel during a period of severe coal shortage as provided in the Energy Emergency Control Program.
In addition to the above described specific purposes, Interruptible Loads shall be curtailed or interrupted at any time and for periods of time as deemed necessary by the SCC to maintain the integrity of the AEP System.
2.Supplementary Oil and Gas Firing
The use of oil and gas firing to regain lost generation that has occurred due to curtailments
caused solely from lose of coal firing capability. Larger crifice plates in the oil lighter tips are required. If the unit is at full load (wide open valves), no additional capacity is available.
3.Operate Generator Peakers
Additional capacity is available at Conesville (7.5 MW), Rockport (5 MW) and Groveport (1.5 MW) by
operating diesel-generation sets located at the respective sites. Also, additional capability is available
from the gas-turbine set at 1 Riverside Plaza (2.5 MW).
-(Centinued on Sheet No. 90-4D)

Filed pursuant to Orders dated March 18 and March 30, 2009 in Case No. 08-918-EL-SSO

Original Sheet No. 90-4D

P.U.C.O. NO. 19

EMERGENCY ELECTRICAL PROCEDURES

4. Emergency Hydro ——Additional Hydro Plant Capability is provided by operating with 100 percent turbine gate openings at Leosville, Claytor, Byllosby, Buck, and Reusens. Extreme caution must be used, as operating in this manner could result in seriously lowering the elevations of the reservoirs too rapidly and creating other problems. Existing take levels and actual flows will dictate the duration of availability.
5. Curtailment of Generating Plant Use The curtailment of generating plant use is brought about by limiting the operation of noncritical plant activities. This would usually consist of the curtailment of coal handling, the shutting down of the machine shop to the extent practical, and the curtailment of lighting or air conditioning load. Plant management has the responsibility to determine what noncritical plant activities may be limited or stopped.
6. Curtailment of Non-Essential Building Load This step pertains to the office and commercial buildings of the AEP System and primarily represents the lighting and air conditioning or heating load.
7. Extra Load Capability of Generating Units The utilization of everpressure and/or the removal of feedwater heaters results in additional capability that may be utilized for limited daily periods, depending on unit condition and frequency of use.
8. Voltage Reduction (DOE Report Required) ——The voltage on the transmission and subtransmission system shall not be affected. The general approach is to lower the voltage at distribution stations that have automatic bus voltage regulators or feeder regulators. The full effect of the voltage reduction program is not instantaneous, but depends upon time required for the dispatching of personnel to implement the program.
-This voltage reduction involves a three (3) volt reduction, corresponding to a two and one-half percent voltage reduction and an estimated two percent drop in load.
9. Curtailment of Short-Term Deliveries The curtailment of short term deliveries supplied from AEP generation involves the termination of deliveries in this classification, except to these systems that are delivering equivalent energy to AEP.
10. Emergency Curtailable Service (DOE Report Required) Emergency Curtailable Service customers are those taking firm service with an on-peak curtailable demand of not less than 3 MW, who contract with AEP to be compensated for KWH curtailed for capacity deficiency. When requested to curtail by the SCC, the customer must curtail their lead within thirty minutes. The amount of curtailable MWs available for this step will vary.
(Continued on Sheet No. 90-5D)

Filed pursuant to Orders dated March 18 and March 30, 2009 in Case No. 08-918-EL-SSO

Original Sheet No. 90-5D

P.U.C.O. NO. 19

EMERGENCY ELECTRICAL PROCEDURES

11. Voluntary Load Curtailment (DOE Report Required)
In cases of suddon omorgancies, it may be necessary to utilize Step 13 even before this step is fully implemented.
a. Radio and television alert to the general public to reduce all non-essential load, far enough in advance of need to be effective at the time that 11.c below is effective.
b Load relief utilizing voluntary industrial curtailment program. Under this program industrial and wholesale customers and coal mine preparation plants are requested to curtail all non-essential power usage. This program is to be utilized when it becomes known in advance that power commitments on the AEP System cannot be carried by utilizing all emergency capacity resources and all available assistance from the interconnections. The SCC will initiate the program to contact designated customers through Business Services personnel.
c. Municipal and REMC customers will be requested to reduce their demand on the AEP System by as much as possible through appeals for voluntary reduction.
12. Extended Capability and Internal Load Curtailment
a.Concurrent with Step 11, request extended load operation from the 800 MW G.E. units, Amos 1 and 2, Big Sandy 2, Mitchell 2, and from both Rockport units. The amount of MWs that will be available will depend on the ambient temperature (approximately 50-105 MWs).
b.Concurrent with Step 11, contact and inform Fuel Supply of the System Lead situation. Approximately 50 to 75 MW in load reduction is available with all mines and prep plants shut down during peak load periods.
c.Concurrent with Step 11, centact OVEC/IKEC and ask if the Piketon enrichment plant can reduce load. Also ask that the OVEC/IKEC plants curtail all generating units' non-essential loads. OVEC/IKEC chould be able to reduce load by 75 MW.
d.Concurrent with Step 11, contact the Environmental Services Air Quality Section Manager or assigned Air Section Engineer and obtain approval to allow West Virginia plants to exceed opacity limits to get additional curtailed load or extended load. When approved, contact the applicable plants that need an opacity variance and inform them of the new emergency opacity limit.
e.Concurrent with Stop 11, contact the Environmental Services Air Quality Section Manager or assigned Air Section Engineer and obtain approval to exceed heat input limits for the Tanners Creek plant while Step 11 is in effect. Information regarding maximum heat input for each day, during the variance period, will need to be gathered. Verify with the Environmental Services Air Quality Section Manager the exact information that will be needed. Contact the plant when the variance is approved.
(Continued on Sheet No. 90-6D)

Filed pursuant to Orders dated March 18 and March 30, 2009 in Case No. 08-918-EL-SSO

Original Sheet No. 90-6D

P.U.C.O. NO. 19

EMERGENCY ELECTRICAL PROCEDURES

13. Mandatory Load Curtailment (DOE Report Required)
a. Limited term and firm deliveries supplied by AEP generation to systems, peols, or Century Aluminum not delivering equivalent energy to AEP will be curtailed previous to manually curtailing AEP distribution feeders.
b. Under this program distribution feeders can be manually interrupted upon order of the SCC. This order may be given under conditions of extreme capacity deficiency and declining frequency. In case of a sudden deterioration of frequency or everloaded ties, it may be necessary to start this step before all of the preceding steps are utilized or are fully effective. The order to interrupt will specify the amount of load or number of blocks in the Mandatory Load Curtailment Program that Transmission Operations needs to interrupt in each step. The periods of interruption will be approximately 15 minutes. During the circuit rotation the circuits in one step will be opened before previously opened ones are reclosed.
Interruption of distribution feeders will normally be done on a retational basis to minimize cold lead pickup problems and to minimize interruption to facilities that are essential to public health and cafety.
In order to keep the Mandatory Load Shedding pregram as simple as possible, the circuits are divided into Groups A and Groups B. In addition, a number of blocks of circuits are divided up within each group; except for the Columbus Region, and the Southern Transmission Region which are set up under one supervisory control block and controlled by computer programs. There are six blocks per group with approximately 200 MWs per block. The SCC will advise Transmission Operations of a target load they want to shed. The number of blocks will then be evaluated, along with the supervisory controlled block, and the stations identified by the TDC's that need to be manned.
The circuit rotation will be done on a 15-minute rotation to minimize cold load or hot load pickup problems. The Group A circuits will be dropped on the HR:00 through HR:15 and HR:30 through HR:45. The Group B circuits will be dropped on the HR:15 through HR:30 and HR:45 through HR:00.
14. Termination of Capacity Emergency The implementation of an Emergency Capacity resources condition that does not reach the voluntary load curtailment step indicated under Step 11 may be terminated by the Company at any time. However, any condition involving voluntary and/or mandatory load curtailments, Steps 11 or 13 shall be terminated on an AEP System-wide basis, upon notice to the Commissions, when the capacity emergency has eased sufficiently to permit substantially normal operations by the Company.
(Continued on Sheet No. 99-7D)

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Original Sheet No. 90-7D

P.U.C.O. NO. 19

EMERGENCY ELECTRICAL PROCEDURES

[D] - ENERGY EMERGENCY CONTROL PROGRAM
The purpose of this plan is to provide for the reduction of the consumption of electric energy on the American Electric Power Company System in the event of a severe coal shortage, such as might result from a general strike in the coal mines.
In the event of a potential severe coal shortage, such as one resulting from a general coal strike, the following steps will be implemented. These steps will be carried out to the extent permitted by contractual commitments or by order of the regulatory authorities having jurisdiction.
1. To be initiated when system fuel supplies are decreased to 70% of normal target days' operation of coal-fired generation and a continued downward trend in coal stock is anticipated:
a) Optimize the use of non-coal-fired generation to the extent possible.
b) For individual plants significantly under 70% of normal target days' supply, medify economic dispatching precedures to conserve soal.
c) If necessary discontinue all economy sales to neighboring utilities.
d) Curtail the use of energy in company offices, plants, etc., ever and above the reductions already achieved by current in house conservation measures.
2. To be initiated when system fuel supplies are decreased to 60% of normal target days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:
a) Substitute the use of oil for coal, as permitted by plant design, oil-storage facilities, and oil availability.
b) Discontinue all economy and short term sales to neighboring utilities.
c) Limit emergency deliveries to neighboring utilities to situations where regular customers of such utilities would otherwise be dropped or where the receiving utility agrees to return like quantities of energy within 14 days.
d) Curtail electric energy consumption by sustemers on Interruptible contracts to a maximum of 132 hours of use at contract domand per week.
e) Purchase energy from neighboring systems to the extent practicable.
f) Purchase energy from industrial customers with generation facilities to the extent practicable.
(Continued on Sheet No. 90-8D)

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Original Sheet No. 90-8D

P.U.C.O. NO. 19

EMERGENCY ELECTRICAL PROCEDURES

well as wholesale) to reduce their non-essential use of electric energy as much as possible, in any case by at least 25%.
h) Reduce voltage around the clock to the extent feasible.
i) The company will advise customers of the nature of the mandatory program to be introduced in C below, through direct contact and mass media, and establish an effective means of answering specific customer inquiries concerning the impact of the mandatory program on electricity availability.
3. To be initiated - in the order indicated below - when system fuel supplies are decreased to 50% of normal target days' operation of coal-fired plants and a continued downward trend in coal-stocks is anticipated:
a)Discontinue emergency deliveries to neighboring utilities unless the receiving utility agrees to return like quantities of energy within seven days.
b)Request all customers, retail as well as wholesale, to reduce their non-essential use of electric energy by 100%.
c)Request, through mass communication media, curtailment by all other customers a minimum of 15% of their electric use. These uses include lighting, air conditioning, heating, manufacturing processes, cooking, refrigeration, clothes washing and drying, and any other leads that can be ourtailed.
d)All customers will be advised of the mandatory program specified below in D.
4. To be initiated when system fuel supplies are decreased to 40% of normal target days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:
a) Implement procedures for curtailment of service to all customers to a minimum service level that is not greater than that required for protection of human life and safety, protection of physical plant facilities, and employees' security. This step asks for curtailment of the maximum load possible without endangering life, safety and physical facilities.
b) All customers will be advised of the mandatory program specified below in E.
5. To be initiated when system fuel supplies are decreased to 30% of normal target days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:
(Continued on Sheet No. 90-9D)

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Schedule E2.1 Part 4D Page 210 of 210 Witness Responsible: Andrea E. Moore

OHIO POWER COMPANY

Original Sheet No. 90-9D

P.U.C.O. NO. 19

EMERGENCY ELECTRICAL PROCEDURES

Implement procedures for interruption of selected distribution circuits on a rotational basis, while minimizing to the extent practicable interruption to facilities that are essential to the public health and safety.		
6	The Energy Emergency Control Program will be terminated when:	
a) target d	The AEP System's remaining days of operation of coal-fired generation is at least 40% of normal ays' operation, and	
b) ——	Coal deliveries have been resumed, and	
c) levels.	There is reasonable assurance that the AEP System's coal stocks are being restored to adequate	
With regard to mandatory curtailments identified in Items C, D, and E above, the Company proposes to monitor compliance after the fact. A customer exceeding his electric allotment would be warned to curtail his usage or face, upon continuing noncompliance and upon one day's actual written notice, disconnection of electric service for the duration of the energy emergency.		

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