

SCHEDULE 7
Long-Term Firm and Short-Term Firm Point-To-Point
Transmission Service

1) The Transmission Customer shall pay each month for Reserved Capacity at the sum of the applicable charges set forth below for the Point of Delivery:

Summary of Charges
(in \$/kW)

Point of Delivery	Yearly Charge	Monthly Charge	Weekly Charge	Daily On-Peak^{1/} Charge	Daily Off-Peak^{2/} Charge
Border of PJM ^{3/}	Border Yearly Charge established pursuant to section 11 below	Yearly Charge /12	Yearly Charge /52	Weekly Charge /5	Weekly Charge /7
AE Zone	23.809	1.984	0.4580	0.0920	0.0650
BGE Zone	15.675	1.306	0.3010	0.0600	0.0430
Delmarva Zone	19.378	1.615	0.3730	0.0750	0.0530
JCPL Zone	15.112	1.259	0.2906	0.0581	0.0414
MetEd Zone	15.112	1.259	0.2906	0.0581	0.0414
Penelec Zone	15.112	1.259	0.2906	0.0581	0.0414
PECO Zone	26.264	2.189	0.5051	0.1010	0.0722
PPL Zone: Total charge is the sum of the components	PPL: * AEC: 0.463 UGI: *	PPL: * AEC: 0.039 UGI: *	PPL: * AEC: 0.0089 UGI: *	PPL: * AEC: 0.0018 UGI: *	PPL: * AEC: 0.0013 UGI: *

Point of Delivery	Yearly Charge	Monthly Charge	Weekly Charge	Daily On-Peak¹ Charge	Daily Off-Peak^{2/} Charge
Pepco Zone	20.999	1.750	0.4040	0.0810	0.0580
PSE&G Zone	23.696	1.975	0.4557	0.0911	0.0651
AP Zone	20.847	1.737	0.4009	0.0802	0.0573
Rockland Zone	42.548	3.546	0.8182	0.1636	0.1169
ComEd Zone ^{4/}	5/				
AEP East Zone ^{6/}	Rate Pursuant to Attachment H-14 and Attachment H-20	Rate Pursuant to Attachment H-14 and Attachment H-20	Rate Pursuant to Attachment H-14 and Attachment H-20	Rate Pursuant to Attachment H-14 and Attachment H-20	Rate Pursuant to Attachment H-14 and Attachment H-20
Dayton Zone	Rate Pursuant to Attachment H-15	Rate Pursuant to Attachment H-15	Rate Pursuant to Attachment H-15	Rate Pursuant to Attachment H-15	Rate Pursuant to Attachment H-15
Duquesne Zone	14.17	1.18	0.27	0.0540	0.0386
Dominion Zone ^{7/}					
ATSI Zone	Rate Pursuant to Attachment H-21	Rate Pursuant to Attachment H-21	Rate Pursuant to Attachment H-21	Rate Pursuant to Attachment H-21	Rate Pursuant to Attachment H-21
DEOK Zone	Rate Pursuant to Attachment H-22	Rate Pursuant to Attachment H-22	Rate Pursuant to Attachment H-22	Rate Pursuant to Attachment H-22	Rate Pursuant to Attachment H-22
EKPC Zone	Rate Pursuant to Attachment H-24	Rate Pursuant to Attachment H-24	Rate Pursuant to Attachment H-24	Rate Pursuant to Attachment H-24	Rate Pursuant to Attachment H-24

OVEC Zone	5.16	0.43	0.10	0.02	0.014
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- * PPL Electric Utilities Corporation’s and UGI Utilities’ respective component of the total charge is posted on the PJM Internet website.
- 1/ Monday – Friday except the following holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.
 - 2/ Saturday and Sunday and the following holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.
 - 3/ The charge for Points of Delivery at the Border of PJM shall not apply to any Reserved Capacity with a Point of Delivery of the Midcontinent Independent Transmission System Operator, Inc.
 - 4/ Each month, revenue credits will be applied to the gross charge in accordance with section 8 below to determine the actual charge to the Transmission Customer.
 - 5/ The charges for the ComEd zone are posted on PJM’s website. In addition to other rates set forth in this schedule, customers within the ComEd zone shall be charged for recovery of RTO start-up costs at the following rates, each computed to four decimal places:
 - Annual Rate - \$/kW/year = \$1,523,039, divided by the 1 CP demand for the ComEd zone for the prior calendar year;
 - Monthly Rate - \$/kW/month. = Annual Rate divided by 12;
 - Weekly Rate - \$/kW/week = Annual Rate divided by 52;
 - Daily Rate - \$/kW/day = Weekly Rate divided by 5.

In order to ensure that the charge does not result in either an over-recovery or under-recovery of ComEd’s start-up costs, PJM will institute an annual true-up mechanism in the month of May of each of the years 2008-2014. In May of each of those years, PJM will compare the amount collected under this charge for the previous 12 months with the target annual amount of \$1,523,039 and calculate any credits or surcharges that would be needed to ensure that \$1,523,039 is collected for each year. Any credit or surcharge will be assessed in the June bills for years 2008-2014, consistent with the above methodology.
 - 6/ The rates for firm point-to-point transmission service in the AEP Zone will be charged at the yearly, monthly, weekly or daily rate equivalent to the rate effective in such period under Attachments H-14 and H-20. In addition to other rates set forth in this schedule, customers within the AEP East Zone shall be charged for recovery of RTO start-up costs at the following rates, each computed to four decimal places:

Annual Rate - $\$/kW/year = \$2,362,185$, plus any applicable true-up adjustment, divided by the 1 CP demand for the AEP East Zone for the prior calendar year;

Monthly Rate - $\$/kW/month. = Annual Rate$ divided by 12;

Weekly Rate - $\$/kW/week = Annual Rate$ divided by 52;

Daily Rate - $\$/kW/day = Weekly Rate$ divided by 5.

For the period November 1, 2005 through March 31, 2006, the rate shall be $\$8.94/MW-month$; for the period April 1 through December 31, 2006, the rate shall be $\$8.60/MW-month$, thereafter, the rate will be subject to the following true-up:

In order to ensure that the charge does not result in either over-recovery or under-recovery of AEP's start-up costs, PJM will institute an annual true-up mechanism and implement revised charges as of January 1st of each of the years 2007-2019. In January of each of those years, PJM will compare the amount collected under this charge for the previous year or part thereof with the target annual amount of $\$2,362,185$ and calculate the rates that would be needed, given the expected billing demands, to collect $\$2,362,185$, adjusted for any prior year over-collection or under-collection. In the final year that the rate is collected, PJM will calculate the rate to collect five-twelfths of the annual amount ($\$984,244$), plus or minus any prior year true up amount, by May 31 of that year, and shall charge such rate until that amount is collected, whether that date be before or after May 31, 2020.

7/ The service period charges rounded to four decimal places for the Dominion Zone are as follows:

Yearly Charge - $\$/kW/year =$ the formula rate for Network Integration Transmission Service as described in Attachment H-16 and Attachment H-16A divided by 1000 kW/MW

Monthly Charge - $\$/kW/month. = Yearly Charge$ divided by 12;

Weekly Charge - $\$/kW/week = Yearly Charge$ divided by 52;

Daily On-Peak Charge - $\$/kW/day = Weekly Charge$ divided by 5;

Daily Off-Peak Charge - $\$/kW/day = Weekly Charge$ divided by 7.

On a monthly basis, revenue credits shall be calculated based on the sum of VEPCO's share of revenues collected during the month from Schedule 7 and Network Integration Transmission Service to Non-Zone Network Load under Attachment H-A. The sum of these revenue credits will appear as an adjustment to the to the gross monthly service period charges produced by the above formula.

- 2) The total demand charge in any week, pursuant to a reservation for Daily On-Peak Delivery, or Daily Off-Peak Delivery shall not exceed the Weekly Delivery rate specified in section (1) above for weekly service times the highest amount in kilowatts of Reserved Capacity and any additional transmission service, if any, in any day during such week.
- 3) **Discounts:** Three principal requirements apply to discounts for transmission service as follows: (1) any offer of a discount made by the Transmission Provider must be announced to all Eligible Customers solely by posting on the OASIS, (2) any customer-initiated requests for discounts (including requests for use by one's wholesale merchant or an Affiliate's use) must occur solely by posting on the OASIS, and (3) once a discount is negotiated, details must be immediately posted on the OASIS. For any discount agreed upon for service on a path, from point(s) of receipt to point(s) of delivery, the Transmission Provider must offer the same discounted transmission service rate for the same time period to all Eligible Customers on all unconstrained transmission paths that go to the same point(s) of delivery on the Transmission System.
- 4) **Congestion, Losses and Capacity Export:** In addition to any payment under this Schedule, the Transmission Customer shall pay Redispatch Costs as specified in Section 27 of the Tariff. The Transmission Customer shall be responsible for losses as specified in the Tariff. Any Transmission Customer that is a Capacity Export Transmission Customer, shall pay any applicable charges, and receive any applicable credits, for such a customer pursuant to Attachment DD.
- 5) **Other Supporting Facilities and Taxes:** In addition to the rates set forth in section (1) of this schedule, the Transmission Customer shall pay charges determined on a case-by-case basis for facilities necessary to provide Transmission Service at voltages lower than those shown in Attachment H for the applicable Zone(s) and any amounts necessary to reimburse PJMSettlement for any amounts payable as sales, excise, "Btu," carbon, value-added or similar taxes (other than taxes based upon or measured by net income) with respect to the amounts payable pursuant to the Tariff.
- 6) **[Reserved]**
- 7) **Transmission Enhancement Charges.** Except for Points of Delivery at the Border of PJM, which are subject to the Border Yearly Charge determined under section 11, in addition to the rates set forth in section (1) of this Schedule and any other applicable charges, the

Transmission Customer shall also pay any Transmission Enhancement Charges for which it is designated as a Responsible Customer under Schedule 12 appended to the Tariff.

8) **Determination of monthly charges for ComEd Zone:** On a monthly basis, revenue credits shall be calculated based on the sum of ComEd's share of revenues collected during the month from: (i) the PJM Border Rate under Schedule 7; (ii) Network Integration Transmission Service to Non-Zone Network Load under Attachment H-A; (iii) Seams Elimination Charge/Cost Adjustment/Assignment ("SECA") revenues allocable to ComEd under the Tariff; and (iv) any Point-To-Point Transmission Service where the Point of Receipt and the Point of Delivery are both internal to the ComEd Zone. On this basis, the sum of these revenues will appear as a reduction to the gross monthly rate stated above on a Transmission Customer's bill in that month for service under this schedule.

9) **Determination of monthly charges for AEP Zone:** On a monthly basis, revenue credits shall be calculated based on the sum of AEP's share of revenues collected during the month from: (i) the PJM Border Rate under Schedule 7; (ii) Network Integration Transmission Service to Non-Zone Network Load under Attachment H-A; and (iii) Firm Point-To-Point Transmission Service where the Point of Delivery is internal to the AEP Zone. The sum of these revenue credits will appear as an adjustment (reduction) to the gross monthly rate stated above on a Transmission Customer's bill in that month for service under this schedule.

10) **Resales:** The rates and rules governing charges and discounts stated above shall not apply to resales of transmission service, compensation for which shall be governed by section 23.1 of the Tariff.

11) **Formula for Determining the Border Yearly Charge:**

(A) Beginning with the calendar year 2020, the Border Yearly Charge shall be based on the following formula:

$$\text{BYC} = \text{SHRR}/\text{SZPL}$$

Where:

BYC is the Border Yearly Charge stated in dollars per kW of Reserved Capacity;

SHRR is the sum of the Revenue Requirements for each Transmission Owner used to determine charges for Network Integration Transmission Service either (a) stated in Attachment H for a Transmission Owner or (b) determined pursuant to a formula rate set forth in Attachment H. Where the Revenue Requirement of a Transmission Owner is determined pursuant to a formula rate, the Revenue Requirement shall be increased by the amount of any revenue included in the Transmission Owner's formula rate as credits in determining the Revenue Requirement for Network Integration Transmission Service from: (i)

Transmission Enhancement Charges; (ii) Firm Point-to-Point Transmission Service charges under Schedule 7; (iii) Network Integration Transmission Service to Non-Zone Network Load under Attachment H-A; or (iv) other agreements for transmission service over PJM Transmission Facilities; that are included in the Transmission Owner's formula rate as revenue credits in determining the Revenue Requirement for Network Integration Transmission Service, if such credits are identified in the Transmission Owner's formula rate annual update;

SZPL is the sum of each Zone's annual peak load from the most recently completed 12-month period ending October 31.

(B) The Transmission Provider shall update the Border Yearly Charge annually based on the Revenue Requirements for each Transmission Owner used to determine charges for Network Integration Transmission Service in effect on January 1, provided that such Revenue Requirements were approved by FERC, stated in a formula rate update informational filing with FERC, or posted on the Transmission Provider's website no later than the preceding October 31. The Border Yearly Charge so updated shall become effective as of January 1 and remain in effect for the remainder of the calendar year. Except as provided in subsection (D) of this section 11, any change to the data used to determine the Border Yearly Charge following October 31, including any change in the number or identity of Transmission Owners filing Revenue Requirements for Network Integration Transmission Service under Attachment H, shall not be reflected in Border Yearly Charge until the next annual update.

(C) Not later than December 1 of each year, the Transmission Provider shall post on the Transmission Provider's website the inputs and calculations used to determine the Border Yearly Charge. The posting shall also include a variance report, which will document how the inputs used to determine the Border Yearly Charge to go into effect as of January 1 have changed from the inputs used to determine the Border Yearly Charge then in effect, including any changes in the sources of such inputs. All inputs used to determine the SHRR must be taken either from a stated Revenue Requirement for Network Integration Transmission Service specified in Attachment H or from an identified entry in a Transmission Owner's formula rate update either filed with the FERC or posted on the Transmission Provider's website for the rate for Network Integration Transmission Service that will be in effect on January 1.

(D) If, at any time, it is brought to the Transmission Provider's attention or the Transmission Provider believes that the Border Yearly Charge may be based on an incorrect input or calculation and the Transmission Provider concludes that an incorrect input or calculation was used to determine the Border Yearly Charge, the Transmission Provider shall post on the Transmission Provider's website the correction to any inputs or calculations used to determine the Border Yearly Charge and a variance report documenting the changes from the Border Yearly Charge that was based on an incorrect input or calculation. If such correction affects a Border Yearly Charge currently in effect, the correction shall take effect on the first day of the month that begins at least 30 days after the correction is posted. To the extent permitted by section 10.4 of this Tariff, PJMSettlement, on behalf of itself or as

agent for PJM, shall adjust the bills of Transmission Customers with respect to any month affected by the correction. Any correction under this subsection (D) shall be limited to the Transmission Provider's selection and use of Border Yearly Charge inputs and the calculations necessary to determine the Border Yearly Charge. Nothing in this subsection (D) shall authorize an inquiry into the data or information filed or posted by a Transmission Owner which the Transmission Provider used to determine the Border Yearly Charge.

(E) When the Transmission Provider posts on its website a Border Yearly Charge annual update under subsection (C) or correction under subsection (D) of this section 11, it shall also make an informational filing with the FERC that includes such posting.

(F) The Border Yearly Charge determined under this section (11) and any charge for Point-to-Point Transmission Service at the Border of PJM for shorter periods based on the Border Yearly Charge include all Transmission Enhancements Charges applicable to Point-to-Point Transmission Service at the Border of PJM. Payment of the charges set forth in this Schedule does not relieve any Transmission Customer or Merchant Transmission Facility of responsibility for Transmission Enhancement Charges assigned to such Merchant Transmission Facility pursuant to Schedule 12 of the PJM Tariff.

(G) Point-to-Point Transmission Service at the Border of PJM includes service to a Point of Delivery at a Merchant Transmission Facility that provides service to a neighboring transmission system.

(H) Customers taking Point-to-Point Transmission Service at the Border of PJM with a Point of Delivery at a Merchant Transmission Facility holding Firm Transmission Withdrawal Rights shall receive a credit determined in accordance with the following formula:

$$MTFC = BYC * MTFTEC / SHRR$$

Where:

MTFC is the credit to the Border Yearly Charge per kW of reserved capacity;

BYC is the Border Yearly Charge;

MTFTEC is the total annual Transmission Enhancement Charges applicable to the Merchant Transmission Facility to which the customer is taking Point-to-Point Transmission Service during the current calendar year; and

SHRR is the amount determined pursuant to subsection (A) of this section 11.

The MTFC shall be credited on a monthly basis only for those months during which the customer takes Firm Point-to-Point Transmission Service to the Merchant Transmission Facility.