

**Kimberly A. Klock**  
Senior Counsel

**PPL**  
Two North Ninth Street  
Allentown, PA 18101-1179  
Tel. 610.774.5696 Fax 610.774.4102  
[KKlock@pplweb.com](mailto:KKlock@pplweb.com)



**FEDERAL EXPRESS**

January 16, 2018

Rosemary Chiavetta, Esquire  
Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street  
Harrisburg, Pennsylvania 17120

**RECEIVED**

JAN 16 2018

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**Re: Application of PPL Electric Utilities Corporation  
For Approval of Sale of Facilities to  
The Borough of Denver  
Docket No.**

Dear Ms. Chiavetta:

Enclosed for filing, pursuant to 66 Pa. C. S. § 1102, is an original of PPL Electric Utilities Corporation's Application for the approval of the transfer by sale of certain facilities to the Borough of Denver. The facilities are located in the Borough of Denver, Lancaster County, Pennsylvania.

Pursuant to 52 Pa. Code § 1.11, the enclosed document is to be deemed filed on January 16, 2018, which is the date it was deposited with an overnight express delivery service as shown on the delivery receipt attached to the mailing envelope.

In addition, please date and time-stamp the enclosed extra copy of this letter and return it to me in the envelope provided.

I have enclosed a check for \$350 to cover the filing fee.

Very truly yours,

A handwritten signature in cursive script that reads "Kim Klock".

Kimberly A. Klock

Enclosures

BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION

In re: Application of PPL Electric :  
Utilities Corporation for Approval of the :  
Transfer by Sale to the Borough of :           Application  
Denver of Electric Facilities Located in :           Docket No. \_\_\_\_\_  
the Borough of Denver, Lancaster :  
County, Pennsylvania. :

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**APPLICATION OF**  
**PPL ELECTRIC UTILITIES CORPORATION**

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PPL Electric Utilities Corporation (hereafter "PPL Electric"), by its attorney, hereby makes application pursuant to 66 Pa. C.S. § 1102(a)(3) for the approval of a transfer by sale of certain facilities, and in support thereof states:

1.     Applicant is PPL Electric Utilities Corporation, Two North Ninth Street, Allentown, Pennsylvania 18101, a public utility incorporated in Pennsylvania for the purpose of supplying light, heat and power to the public by means of electricity in all or portions of twenty-nine counties in eastern-central Pennsylvania.

2.     The name and address of PPL Electric's attorney is Kimberly A. Klock, Two North Ninth Street, Allentown, Pennsylvania 18101.

3.     The Borough of Denver, located in Lancaster County, Pennsylvania, is not affiliated with PPL Electric.

4.     The Borough of Denver desires to purchase all of PPL Electric's rights, title and interest in the street light system located in the Borough of Denver, Lancaster County, Pennsylvania as detailed in Exhibit A of the Agreement. The

purchase of these facilities will qualify the Borough of Denver to change from Rate Schedule SHS to Rate Schedule SE for all of its street lighting service, which will result in a significant rate savings.

5. PPL Electric will recover costs for the street lighting system and will be relieved of the cost of owning and maintaining the system in the Borough of Denver, Lancaster County, Pennsylvania.

6. PPL Electric agreed to sell and the Borough of Denver agreed to purchase the facilities for \$181,793<sup>1</sup>. Attachment 1, which is attached hereto and made a part hereof, contains the Agreement of Sale and a description of the facilities.

7. The facilities' original cost, original depreciated cost, present day cost, and present day depreciated cost are as follows:

	<u>Other Facilities</u>	<u>Transformers</u>	<u>Total</u>
Original Cost Undepreciated	\$218,545	0	\$218,545
Original Cost Depreciated	\$75,665	0	\$75,665
Present Day Cost Undepreciated	\$465,707	0	\$465,707
Present Day Cost Depreciated	\$124,630	0	\$124,630

8. The sales price is the result of arms-length negotiations.

9. PPL Electric's engineering and operating representatives have reviewed the proposed sale of facilities and their relation to PPL Electric's operations. PPL Electric is satisfied as to the adequacy, continuity, safety of service, and other relevant factors regarding electrical supply to the Borough of Denver.

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<sup>1</sup> This purchase price includes the pre-inspection attachment and engineering survey, complex make ready work and simple make ready work, which was agreed to by the parties.

10. Approval of this application is necessary and proper for the Borough of Denver to take service in a manner which does not: result in uneconomic removal expenditures to PPL Electric, cause duplication of facilities, or render PPL Electric's existing facilities less valuable. The application also recognizes the Borough of Denver's right to service on the most favorable and economic basis under PPL Electric's retail tariff.

11. Attachment 2, which is attached hereto and made a part hereof, contains PPL Electric's responses to the Commission's Interrogatories regarding applications filed pursuant to 66 Pa. C.S. § 1102.

WHEREFORE, in view of the foregoing, PPL Electric respectfully requests that the Pennsylvania Public Utility Commission approve the above-captioned application for transfer of facilities by sale.

Respectfully submitted,

PPL Electric Utilities Corporation

  
\_\_\_\_\_  
Kimberly A. Klock

Dated: January 16, 2018  
at Allentown, Pennsylvania

# **ATTACHMENT 1**

## RESOLUTION NO. 844

A RESOLUTION OF BOROUGH COUNCIL OF THE BOROUGH OF DENVER, LANCASTER COUNTY, PENNSYLVANIA, AUTHORIZING THE EXECUTION AND DELIVERY OF THE PURCHASE AGREEMENT BETWEEN THE BOROUGH OF DENVER AND PPL ELECTRIC UTILITIES CORPORATION, TO AUTHORIZE THE TAKING OF NECESSARY OR APPROPRIATE ACTIONS TO PERFORM THE PURCHASE AGREEMENT TO UNDERTAKE A PROJECT TO REPURCHASE AND REMOVE EXISTING STREET LIGHTS AND INSTALL NEW STREET LIGHTS IN THE BOROUGH OF DENVER.

**WHEREAS**, the Borough of Denver, Lancaster County, Pennsylvania (the "Borough"), has determined that it is in the best interests of the Borough to undertake a project to repurchase and remove existing street lights and install new street lights (the "Project"); and

**WHEREAS**, in connection with the Project, the Borough has determined to enter into a Street Light System Purchase and Sale Agreement with PPL Electric Utilities Corporation (the "Purchase Agreement"); and

**WHEREAS**, the Borough desires by this resolution to authorize the execution and delivery of the Purchase Agreement on behalf of the Borough, and to authorize the taking of necessary or appropriate actions to perform the Purchase Agreement.

**NOW, THEREFORE, BE IT RESOLVED**, by the Borough Council of the Borough of Denver, Lancaster County, Pennsylvania, as follows:

**SECTION 1.** The Purchase Agreement shall be substantially in the form presented to this meeting, which form is approved, together with such additional changes and modifications as are approved by the officers of the Borough executing and delivering the same, which approval conclusively shall be deemed to have been given upon execution and delivery thereof.

**SECTION 2.** Proper officers of the Borough are hereby authorized and directed to execute, attest, seal, and deliver the Purchase Agreement in the form provided in Section 1 hereof. Such execution, attestation, and delivery of the Purchase Agreement shall constitute conclusive evidence of such approval.

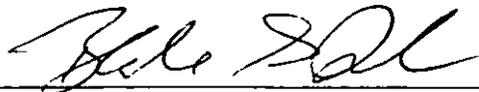
**SECTION 3.** Proper officers of this Borough are authorized and directed to execute and to deliver such documents and to do such other things as may be necessary, from time to time, to carry out the Purchase Agreement, and the intent and purpose of this resolution and of such documents.

**SECTION 4.** All resolutions or parts of resolutions insofar as the same shall be inconsistent herewith, shall be and the same hereby expressly are repealed.

**DULY ADOPTED AND APPROVED**, this 27<sup>th</sup> day of November, 2017, by the Borough Council of the Borough of Denver, Lancaster County, Pennsylvania, in lawful session duly assembled.

BOROUGH OF DENVER  
Lancaster County, Pennsylvania

Attest:   
(Assistant) Secretary

By:   
(Vice) President  
Borough Council

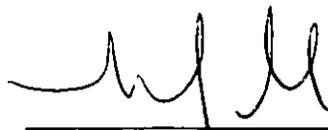
[BOROUGH SEAL]

**CERTIFICATE**

I, the undersigned, (~~Assistant~~) Secretary of the Borough of Denver, Lancaster County, Pennsylvania (the "Borough"), certify: that the foregoing is a true and correct copy of a Resolution which duly was adopted by affirmative vote of a majority of all members of the Council of the Borough at a meeting of said Council duly convened and held according to law on February 10, 2014, at which meeting a quorum was present; said Resolution duly has been recorded in the minutes of the Council of the Borough; and that said Resolution is in full force and effect, without amendment, alteration or repeal, as of the date of this Certificate.

I further certify that the Council of the Borough met the advance notice and public comment requirements of the Sunshine Act, 65 Pa.C.S. §701 et seq., of the Commonwealth of Pennsylvania, by advertising said meeting, by posting prominently a notice of said meeting at the principal office of the Borough or at the public building in which said meeting was held, and by providing a reasonable opportunity for public comment at said meeting, all in accordance with such Act.

**IN WITNESS WHEREOF**, I set my hand and affix the official seal of the Borough, this 27<sup>th</sup> day of November, 2017.



~~(Assistant)~~ Secretary

(SEAL)

## **STREET LIGHT SYSTEM PURCHASE AND SALE AGREEMENT**

This Street Light System Purchase and Sale Agreement ("Agreement") is hereby entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2017 ("Effective Date") by and between the Council of Denver Borough, Lancaster County, Pennsylvania, a Pennsylvania municipal corporation ("Borough"), and PPL ELECTRIC UTILITIES CORPORATION, a Pennsylvania corporation ("PPL"). Each of Borough and PPL may be referred to herein as a "Party," or collectively as the "Parties."

### **RECITALS:**

Borough furnishes, or is about to furnish, street lighting service in Denver Borough; and

Pursuant to the terms of this Agreement, PPL desires to sell and Borough desires to purchase PPL's Street Light System in the Borough of Denver, as hereinafter defined, in exchange for the payment by Borough to PPL of one hundred twenty-four thousand six-hundred and thirty dollars (\$124,630.00) (the "Purchase Price"); and

Certain Make Ready Work must be completed before the sale of existing street lighting facilities; and

Borough may desire, now, and in the future, to place certain of its street lighting facilities and apparatus on utility poles belonging to PPL; and

PPL, to the extent that it has a legal right to do so, will grant permission to Borough to attach certain of Borough's facilities and apparatus to PPL's poles; and

PPL agrees to perform and Borough agrees to pay for Complex Make Ready Work upon the terms and conditions hereinafter set forth; and

Borough has prepaid PPL the amount of twelve thousand and forty dollars (\$12,040.00) and forty-five thousand one hundred and twenty-three (\$45,123.00) dollars (the "Prepayment") for, among other things, the Pre-Attachment Inspection and Complex Make Ready Work; and

Upon mutual agreement of the Parties, Borough and/or Borough's contractor(s) may perform Simple Make Ready Work at Borough's expense upon the terms and conditions hereinafter set forth.

### **AGREEMENT**

NOW, THEREFORE, for and in consideration of the mutual covenants herein contained, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties, intending to be legally bound, do hereby

agree that the foregoing recitations are true and correct, and further covenant and agree as follows:

ARTICLE 1  
DEFINITIONS

For the purpose of this Agreement the following terms when used herein shall have the following meaning:

1.1 Attachment – The binding or fastening of Borough’s Facilities to PPL’s poles by means of, but not limited to, bolts, lags and screws.

1.2 Complex Make Ready Work – All Make Ready Work that is not Simple Make Ready Work, set forth in Section 1.8 below, to be done by PPL and/or its contractor.

1.3 Borough’s Facilities – The street light bracket, luminaire and cable needed to make connection to PPL’s service wire as well as underground equipment and poles owned by Borough.

1.4 Make Ready Work – All work that must be completed prior to the sale of existing street lighting facilities by PPL to Borough.

1.5 Net-Non Betterment Cost - The adjusted replacement cost, also known present day cost depreciated (PDCD). The PDCD is the estimated net book value of the asset (original cost less accumulated depreciation) restated to current dollars using the Handi-Whitman price index.

1.6 Pre-Attachment Inspection – The inspection of PPL’s facilities to validate PPL records and identify any facilities that either (a) do not meet clearance requirements or (b) may otherwise require Make Ready Work.

1.7 Post-Attachment Inspection – The inspection made by PPL of the poles to which Borough has made Attachments or performed any required Simple Make Ready work to verify that such Attachments or Simple Make Ready Work have been performed according to the terms and conditions of this Agreement.

1.8 Simple Make Ready Work – The Make Ready Work to be done by Borough and/or its contractor(s), which shall be limited to: (a) installation of fuses; (b) application of black and yellow tape and attachment of plates signifying Borough’s ownership of the street light; (c) following (i) deactivation of the applicable lines by PPL and (ii) express permission of and designation of location by PPL, the physical installation of splice boxes for any street lights fed by underground lines; and (d) any other Make Ready Work that may hereafter be mutually agreed upon in writing by the Parties.

ARTICLE 2  
PERMISSION TO ATTACH AND MAKE READY WORK

2.1 PPL, to the extent that it has a legal right to do so, hereby grants permission to Borough to maintain existing and/or make future Attachments of Borough's Facilities to PPL's poles, following performance of Make Ready Work pursuant to Section 2.2, below.

2.2 Make Ready Work shall be or has been performed as follows:

- (a) PPL shall do the Pre-Attachment Inspection.
- (b) Borough and/or its contractor shall perform Simple Make Ready Work, unless the Parties mutually agree that PPL will perform Simple Make Ready Work, at Borough's expense.
- (c) As of the Effective Date, PPL has completed all Complex Make Ready Work, at Borough's expense.
- (d) At the completion of all Make Ready Work, PPL shall conduct a Post-Attachment Inspection at Borough's expense, to verify that all Simple Make Ready Work has been completed in accordance with PPL's requirements. Borough shall make corrections and changes, if necessary, as identified by PPL in the Post-Attachment Inspection report.

2.3 Borough may make Attachments to additional poles of PPL in a manner consistent with the provisions of this Agreement and to PPL's Outdoor Lighting Borough Reference Specification document (the "Specification") then in effect. A copy of the Specification as of the Effective Date is attached hereto as Exhibit B and by this reference made a part hereof; during the term of this Agreement, PPL will provide a copy of the then-current Specification to Borough upon request. Borough shall provide at least thirty (30) days advance written notice ("Notice") to PPL of its intentions to make such Attachments, and the Notice shall be in compliance with municipal approvals deemed necessary to advise PPL to take the appropriate action and executed with proper authorization. This Notice shall include the following information: pole number, street location, wattage, lumen size, type of equipment and proposed installation date. PPL will notify Borough in writing, within reasonable period of time after receipt of Notice, of its permission (or lack thereof) to Borough to make the requested Attachment and indicate if Simple Make Ready Work is required. Borough will notify PPL of pole locations so that PPL can perform the Post-Attachment Inspection on, and energize, the facilities and add the luminaire to Borough's bill account, provided the new installation is in compliance with the requirements stated herein. If the installation is not in compliance, PPL will notify Borough of any additional requirements necessary for compliance.

2.4 Borough agrees that it shall make such Attachments within ninety (90) days from the date approval is obtained from PPL or within ninety (90) days from the date said poles are made available for Borough's use. If such Attachments are not made within the ninety (90) day period, PPL may terminate Borough's right to attach to those poles.

2.5 Nothing herein contained shall be construed as affecting (a) the rights or privileges previously conferred by PPL to others not a party to this Agreement including Blue Ridge Cable Company, by contract or otherwise, to use any PPL poles located in Borough, or (b) PPL's ongoing right to confer such rights or privileges. The Attachment privileges herein granted shall at all times be subject to such contracts and arrangements.

2.6 In the event of any conflict between the provisions of this Agreement and the provisions of the Specification or this Agreement is silent on a matter addressed in the Specification (either, a "Conflict"), Borough shall notify PPL of such Conflict in writing and PPL shall in a commercially reasonable manner resolve the Conflict and Borough shall proceed in compliance with PPL's resolution.

### ARTICLE 3 TERM OF AGREEMENT

3.1 This Agreement shall become effective on the Effective Date. The sale of the Street Light System as set forth in Article 13 shall be complete upon entry of a final order by the Pennsylvania Public Utility Commission approving such sale in form and substance acceptable to PPL ("Effective Date"). This Agreement shall continue in full force and effect thereafter until terminated in whole or in part by either Party as further set forth in this Article 3.

(a) If this Agreement is terminated pursuant to Section 3.2 below, Borough must remove Borough's Facilities from PPL's poles within ninety (90) days of written notice of termination.

(b) If Borough fails to remove Borough's Facilities pursuant to paragraph 3.1(a), above, PPL may remove Borough's Facilities and recover all direct costs of such removal from Borough.

3.2 PPL reserves the right to terminate the permission granted to Borough for attaching to any specific pole or poles by giving ninety (90) days written notice to Borough when, in PPL's reasonable judgment, such action is necessary in the conduct of PPL's business, or because of the Borough's failure to comply with any terms and conditions of this Agreement or for reasons beyond PPL's control.

3.3 Regulatory Changes. If a Party's activities hereunder become subject to regulation of any kind under any governmental law, rule, regulation, code or judicial determination thereof (a "Governmental Rule") to a greater or different extent than that existing on the Effective Date, and such Governmental Rule has a material adverse effect on the benefits or obligations of this Agreement to either Party, then the Party affected by such Governmental Rule shall have the right, upon provision of written notice, to require the other Party to enter into good faith negotiations to amend this Agreement to permit the affected Party to continue performance of this Agreement. In the event that the Parties have not agreed upon a mutually acceptable amendment to this Agreement within ninety (90) days of the date that the affected Party delivered the notice contemplated above, either Party may terminate this Agreement by giving written notice pursuant to Section 3.1 of the Agreement.

3.4 Borough reserves the right to terminate this Agreement by providing ninety (90) days written notice should PPL fail to comply with any material terms and or conditions of this Agreement, after receipt of written notice of such failure, and PPL's failure to remedy within a reasonable period of time thereafter.

ARTICLE 4  
GENERAL ADMINISTRATIVE PROVISIONS AND PROCEDURES

4.1 The general administrative provisions and procedures contained in this Article 4 shall apply to all Attachments made by Borough and all Make Ready Work performed by PPL or its contractor pursuant to this Agreement and shall remain in effect until such time as the Parties agree to a change in writing.

4.2 PPL shall make a Pre-Attachment Inspection to determine whether new Attachments contemplated by Borough can be made in accordance with the requirements of PPL as set forth in Article 5 of this Agreement.

4.3 PPL shall make a Post-Attachment Inspection of each new installation of Borough's Facilities on PPL's poles. Such Post-Attachment Inspection by PPL shall not relieve Borough of any responsibility, obligation or liability imposed on Borough by this Agreement.

4.4 PPL shall have the sole right to refuse to approve a request of Borough for the Attachment of Borough's Facilities to any pole or poles of PPL. If, however, approval is granted by PPL, Borough's Facilities shall be attached, operated, maintained, renewed, replaced and/or removed at Borough's sole cost and expense in a safe condition and in conformance with the terms and conditions set forth in this Agreement.

4.5 Borough may, at any time during the term of this Agreement or any renewal thereof, remove all or part of Borough's Facilities attached pursuant to this Agreement by giving written notice to PPL of its intentions to remove said Borough's Facilities. Borough shall provide advance written notice to PPL of its intentions to remove Borough's Facilities. Such notice shall be in compliance with municipal approvals deemed necessary to advise PPL to take the appropriate action and executed with proper authorization. This notice shall include the following information: pole number, street location, wattage, lumen size, type of equipment and proposed removal date.

4.6 Borough has paid PPL, in advance, the Prepayment for the estimated cost of the Pre-Attachment Inspection and Complex Make Ready work. Following completion of all work required of either Party under this Agreement, the Parties shall compare the Prepayment to the total amount due to PPL under this Agreement, and within sixty (60) days of completion of such Comparison, (a) any overpayment shall be

refunded by PPL to Borough, and or (b) any underpayment shall be paid by Borough to PPL.

4.7 Consistent with PPL's tariff, Borough shall pay to PPL the Net-Non Betterment cost of any pole replacement when PPL requires the location then being used by Borough to be replaced, unless the pole was previously replaced at Borough's expense pursuant to Section 4.6 hereof.

4.8 If, for any reason, PPL is required to relocate or replace its pole or make any change in the type, character or location of any of its facilities on such pole after Borough has made Attachments thereto, PPL shall use commercially reasonable efforts to perform such relocation or replacement with minimal disruption to the Borough's street light service and notify Borough of such fact and of the time when such work will be performed. Borough agrees that it will make the necessary rearrangements or transfers of its Attachments at its own expense before the time PPL makes such replacement, relocation or change in PPL's pole and/or facilities.

4.9 If Borough fails to make the necessary rearrangements or transfers of Borough's Facilities as necessary to comply with PPL's time schedule, PPL shall have the right, but not the duty, to perform such rearrangements or transfers. In such event, Borough shall pay to PPL a fixed fee of two hundred dollars (\$200) for each rearrangement or transfer. This fixed fee may be adjusted by PPL, by notification to Borough of such adjustment, at least sixty (60) days prior to the effective date of such adjustment.

4.10 PPL shall not be liable for any loss or damage to Borough's Facilities or the system of which they may be part, including the loss of, or interference with, the service or use of said Attachments or system, by reason of performing any of the work of rearranging or transferring such Attachments or the manner in which such work is performed. Borough shall not be liable to PPL for any consequential loss or damage by reason of Borough's failure to comply with its obligations under this Agreement.

4.11 If any of Borough's Facilities require splicing in order to be compliant with the final inspection of the Make Ready Work, PPL shall do the splicing at Borough's expense.

4.12 If PPL is required to return to the work site to remove the old pole as a result of Borough's failure to rearrange or transfer such apparatus at the time of the scheduled work, Borough shall pay PPL a fixed fee of five hundred ninety dollars (\$590) per pole to cover the cost of returning to the site to remove the pole or poles. This fixed fee may be adjusted by PPL, by notification to Borough of such adjustment, at least sixty (60) days prior to the effective date of such adjustment.

4.13 Section 4.12 shall be waived by PPL if Borough is at the work site with PPL but is unable to perform said rearrangements or transfers through no fault of Borough.

4.14 Except as may otherwise be set forth herein, payment of any amounts due to either Party under this Agreement shall be made within twenty (20) days after receipt of an accurate invoice. Interest shall accrue on any overdue unpaid amounts at a rate of one percent (1.0%) per month.

ARTICLE 5  
SPECIFICATIONS AND SAFETY OF ATTACHMENTS

5.1 The specifications and safety requirements contained herein shall apply to all Attachments made and all Simple Make Ready Work performed by Borough pursuant to this Agreement and shall remain in effect until such time as a change in said specifications and/or safety requirements are deemed necessary by PPL. Changes made to such specifications and/or safety requirements shall be issued by PPL and, when issued, shall be deemed a part of this Agreement.

5.2 All work undertaken under this Agreement shall be performed in accordance with the following priority:

- (a) First, the practices and specifications of this Agreement, including without limitation the Specification; then
- (b) the then-current version of the National Electric Safety Code, including all future supplements, and the National Electrical Code where applicable; and
- (c) All applicable rules and regulations of federal, state and local agencies having jurisdiction over such work.

5.3 All Attachments shall be made and maintained in good condition in a place and manner satisfactory to PPL at Borough's sole cost and expense in accordance with the specifications set forth in this Agreement.

5.4 Borough agrees that during the construction, maintenance and operation of Borough's Facilities, Borough shall take all necessary precautions to protect all persons and property from injury or damages that may result from attaching Borough's Facilities to PPL's poles. It shall be the sole responsibility of Borough to properly instruct and train its employees and/or agents as to the necessary precautions to be taken by Borough's employees and/or agents during the construction, maintenance and operation of Borough's Facilities on PPL's poles. PPL shall not be considered in any way responsible for the adequacy or inadequacy of such instruction or training nor the adequacy or inadequacy of such precautions.

5.5 Borough agrees to utilize only qualified employees and/or contractors to perform all Simple Make Ready Work and perform construction, maintenance and operation of Borough's Facilities. Borough shall provide to PPL proof that Borough's employees and/or contractors have been trained in these requirements, including an outline of the training program and a copy of the training materials. In order to be

considered qualified, employees and/or contractors must meet all of the following requirements:

- (a) Trained in and familiar with the requirements of OSHA 1926 and OSHA 1910.331 through 1910.335.
- (b) Possess the skills and techniques necessary to distinguish exposed live components from other parts of electrical equipment.
- (c) Possess the skills and techniques necessary to determine the nominal voltage of exposed live components.
- (d) Familiarity with the clearances specified in OSHA 1910.333(c), and the corresponding voltages to which the qualified person will be exposed.

5.6 Borough's construction, maintenance and operation shall be in accordance with the requirements of this Article 5. In the event that Borough's construction, maintenance and operation is found by PPL not to be in compliance with those requirements, PPL or its contractor may perform the additional work to bring said construction, maintenance and operation into compliance, and such additional work shall be at Borough's sole cost and expense.

5.7 Each Attachment shall be made, repaired, maintained and removed in a safe and workmanlike manner, preserving clear pole climbing space and sufficient clearance between all wires and cables so as not to interfere with the serviceability, maintenance, repair and replacement of PPL's wires and equipment and/or Attachments by third parties.

5.8 Following transfer of ownership and completion of all Make Ready Work, PPL shall make all connections of Borough's Facilities to PPL's general distribution system. Borough shall coil a sufficient length of wire at the base of each street light mast arm to reach PPL's general distribution system, and provide molding or conduit to cover said wire.

5.9 Upon receipt of written notice from PPL that any Attachment made pursuant to this Agreement interferes with PPL's property or endangers its employees, or conflicts with PPL's use of said poles, Borough shall, at its own cost and expense, alter, rearrange, improve, renew or repair said Attachment in such a manner as PPL may direct. In the event of an emergency or failure to comply with written notice from PPL within a specified period of time, PPL may alter, rearrange, improve, renew or repair Borough's Facilities, transfer them to substituted poles or perform any other work in connection with said Borough's Facilities as may be required in the maintenance, replacement, removal or relocation of said poles, the facilities thereon, or for the service needs of PPL, and Borough shall reimburse PPL for all expenses thereby incurred unless costs for the same work were reimbursed under other arrangements for relocation activities as a result of a third party project for which PPL has received payment or consideration.

5.10 Borough shall identify each of Borough's Facilities by affixing two adjacent wraps of 2-inch wide, yellow and black diagonal striped, pressure sensitive adhesive tape to the support bracket 2 inches behind the luminaire. Borough shall install

a service tag at each location with a telephone number and web site for maintenance of the luminaire. PPL shall provide Borough with the above-mentioned tape for each installation.

ARTICLE 6  
RIGHTS OF PROPERTY

Nothing herein contained shall be construed to confer upon Borough any property rights in PPL's poles, or the right or permission to sublet space on PPL's poles to others. Nothing herein shall be construed to compel PPL to maintain said poles longer than PPL determines, in its sole discretion.

ARTICLE 7  
ENFORCEMENT OF AGREEMENT

Failure of either Party to enforce or insist upon compliance with any of the terms and conditions of this Agreement or any other items and conditions incorporated in any permission issued hereunder shall not constitute a waiver or relinquishment by either Party of any rights under such terms or conditions.

ARTICLE 8  
INTERRUPTION TO BOROUGH'S SERVICE

PPL shall not be liable to Borough for any delay, interruption to or interference, electrical or otherwise, with Borough's business or with the operation of its facilities caused by facilities or electric phenomenon of PPL or any other cause, not within PPL's control.

ARTICLE 9  
GOVERNMENTAL, MUNICIPAL AND PRIVATE RIGHT OF WAY

Borough shall, at its own expense, secure any and all consents, franchises, certificates of approval and permits that may now or hereafter be required by any governmental agencies, federal, state or municipal, and by property owners for or in connection with the placing, maintaining, renewing, operating, replacing and removing of its Attachments on any pole or poles of PPL as set forth in this Agreement. Borough shall at all times comply with all applicable laws, ordinances, rules and regulations pertaining to the placement, maintenance, operation or removal of its Attachments. Upon the request of PPL, Borough shall submit proof satisfactory to PPL that any or all necessary permits and authorizations have been obtained or accomplished. PPL makes no representation or warranty that Borough may place its Attachments on the pole or poles covered by such permission without obtaining the consent of the property owners affected and makes no representation or warranty that any such consent is valid and sufficient. Borough agrees to indemnify and save harmless and defend PPL against any loss or expense that PPL may incur as a result of Borough's failure to comply with the provisions of this Article 9.

ARTICLE 10  
LIABILITY

Borough shall indemnify and save harmless PPL from and against any and all losses resulting from injury or damage to any persons or property whatsoever, including injuries or death to the employees of PPL or Borough or damage to the property of PPL or Borough, arising out of, resulting from or in any manner caused by the presence, use or maintenance of said Attachments on said poles, or by the acts or omissions of Borough or Borough's agents or employees while engaged in the work of placing, maintaining or renewing said Attachments on said poles or removing them therefrom, and such losses shall include all costs, charges, expenses reasonably incurred in connection with such injury or damage, and attorney's fees made by PPL to its injured employees or to their relatives or representatives in conformity with the provisions of any workers' compensation act or any act creating a liability in the employer to pay compensation for personal injury to an employee by accident in the course of employment. Borough's monetary obligations under this Article 10 shall be reduced to the extent such losses are caused by the negligence or willful misconduct of PPL.

PPL shall indemnify and save harmless Borough from and against any and all losses resulting from injury or damage to any persons or property whatsoever, including injuries or death to the employees of PPL or Borough or damage to the property of Borough, arising out of, resulting from or in any manner caused by acts or omissions of PPL or PPL's agents or employees while engaged in any work on the Borough's poles, property, or facilities, and such losses shall include all costs, charges, and expenses reasonably incurred in connection with such injury or damage. PPL's monetary obligations under this Article 10 shall be reduced to the extent such losses are caused by the negligence or willful misconduct of Borough.

Each Party also agrees to hold and save the other Party harmless from any and all legal fees and expenses incurred by each Party in defending itself concerning any matter contained in this Agreement.

ARTICLE 11  
INSURANCE

11.1 Borough shall procure and maintain, and cause any of its contractors to procure and maintain, the following insurance coverages, herein referred to as 'required coverages' on policies written with insurance carriers having an A.M. Best rating of A- or better and a financial category of VIII or higher. All coverages required of Borough shall be in full force and effect during Borough's performance of this Agreement and for a period of 3 years thereafter. Prior to the execution of this Agreement, Borough shall furnish proof of the required coverages (acquired directly and/or through an agent), using the standard insurance industry accord form, and such certificates shall provide that insurance carriers shall endeavor to give thirty (30) days written notice to PPL of any change in or cancellation of any policy.

11.2 All policies shall be written on an occurrence basis and (except workers' compensation and employer's liability policy) shall include PPL ELECTRIC UTILITIES CORPORATION as an Additional Insured. Policies shall contain endorsement (if terminology is not printed on the form) that Borough policies shall be primary in all instances regardless of what, if any, like coverages are carried by PPL ELECTRIC UTILITIES CORPORATION.

11.3 All renewal certificates of insurance for said policies shall be provided to PPL's local representative fifteen (15) days prior to the expiration date of said policies.

11.4 Borough's liability is not limited to the amount of insurance coverage required in this Article 11.

<u>TYPE OF COVERAGE</u>	<u>MINIMUM AMOUNT REQUIRED</u>
1. Workers' Compensation Employer's Liability	Statutory \$1,000,000
2. Commercial General Liability Bodily Injury and Property Damage  Including but not limited to the following with same above limit of liability for Bodily Injury and Property Damage.  a) Contractual Liability b) Products and Completed Operations c) Broad Form Property Damage d) Care, Custody and Control (if work performed on PPL property)	\$2,000,000 Per Occurrence and in the Aggregate
3. Comprehensive Vehicle Liability  Said coverage shall cover all licensed or unlicensed vehicles and/or automotive equipment owned, leased, hired or borrowed when used in connection with performance of this contract.  Bodily Injury Property Damage	\$1,000,000 Combined Single Limit

ARTICLE 12  
ASSIGNMENT OF RIGHTS

12.1 Borough shall not assign or transfer this Agreement or any rights or authorizations granted hereunder without the prior written consent of PPL, and any such transfer or attempted transfer without such consent shall be null and void.

12.2 In the event such consent is granted by PPL, this Agreement shall extend to and bind the successors and assigns of the Parties hereto.

12.3 PPL shall not assign or transfer this Agreement or any rights or authorizations granted hereunder without the prior written consent of Borough.

12.4 In the event such consent is granted by Borough, this Agreement shall extend to and bind successors and assigns of the Parties hereto.

ARTICLE 13  
SALE OF STREET LIGHT SYSTEM

13.1 For the purchase price of \$124,630 (Purchase Price) and subject to the conditions stated in this Agreement, PPL agrees to sell and Borough agrees to purchase all of PPL's right, title, and interest in certain street light facilities located in Borough of Denver, Lancaster County, Pennsylvania, as more fully described in **Exhibit A**, which is attached hereto and by this reference made a part hereof, entitled List of Street Lighting Facilities to be Conveyed to Borough by PPL Electric Utilities Corporation (collectively, the "Street Light System").

13.2 The Street Light System will be subject to a final inventory after all necessary Make Ready Work has been completed. The Street Light System and Exhibit A will be revised to include any additional street lights, poles and/or equipment ("Additional Equipment") that are to be transferred to Borough. The Additional Equipment sold by PPL and purchased by Borough under the terms of this Agreement, at a purchase price to be determined by PPL on a closing date to be determined by mutual agreement of PPL and Borough.

ARTICLE 14  
CLOSING OF THE SALE

14.1 The closing of the sale of the Street Light System shall be held no later than one business day after receipt of Public Utility Commission approvals of the sale ("Closing"), provided that all of the conditions precedent set forth in paragraph 15, below, shall have been satisfied. Closing shall be held at a time and location mutually acceptable to Borough and PPL.

14.2 At Closing, PPL shall deliver to Borough any and all documents of conveyance and transfer, as are necessary and effective to convey and vest in Borough all of PPL's right, title, and interest in the Street Light System.

14.3 At Closing, Borough shall deliver to PPL a certified or bank cashier's check payable to PPL in the amount of the Purchase Price.

ARTICLE 15  
CONDITION PRECEDENT TO CLOSING

All obligations of PPL under this Agreement are subject to the condition that all of the following events shall have occurred prior to Closing:

15.1 Borough shall have obtained all municipal approvals that Borough deems necessary.

15.2 Both Parties shall have completed their respective Make Ready Work to PPL's reasonable satisfaction.

15.3 Borough shall have made all payments due under this Agreement prior to or at Closing.

15.4 PPL shall have received all Pennsylvania Public Utility Commission approvals that PPL deems necessary. In addition, all such approvals must be fully acceptable to PPL in both form and substance.

ARTICLE 16  
REPRESENTATIONS AND WARRANTIES.

PPL represents and warrants to Borough as follows:

16.1 At Closing, PPL shall deliver good and marketable title to the Street Light System, free and clear of all mortgages, liens, pledges, security interests, claims, and other encumbrances and defects of title of any nature whatsoever. The remedy for the breach of the warranty stated in this subparagraph is limited to the replacement of any of the property covered by this Agreement.

16.2 PPL's execution, delivery, and performance of the Closing will not violate, conflict with, or result in the breach of any term, condition, or provision of any mortgage, indenture, agreement, permit authorization, or other document or understanding by which PPL or any portion of the Street Light System may be bound or affected.

16.3 PPL agrees to act in a manner consistent with its lighting sales agreements with other Pennsylvania municipalities.

ARTICLE 17  
PURCHASE "AS IS."

PPL MAKES NO REPRESENTATIONS OR GUARANTEES, EXPRESS OR IMPLIED, IN RESPECT TO THE PROPERTY COMPRISING THE STREET LIGHT SYSTEM, EXCEPT THAT IT WILL DELIVER GOOD TITLE TO THE STREET LIGHT SYSTEM FREE AND CLEAR OF ALL LIENS AND ENCUMBRANCES, AS DESCRIBED IN SECTION 16.1 ABOVE. BOROUGH SHALL RECEIVE SAID PROPERTY "AS IS." THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, THAT EXTEND BEYOND THE DESCRIPTION CONTAINED HEREIN.

ARTICLE 18  
ELECTRIC SERVICE.

No later than one business day after Closing, PPL shall provide electric service to the Street Light System under Rate Schedule SE of PPL's Tariff-Electric Pa.P.U.C. 201, or its successor, as modified from time to time by PPL. This obligation shall be subject to all terms and conditions of PPL's Tariff-Electric Pa. P.U.C. No. 201, shall continue only so long as Rate Schedule SE or its successor rate, as modified from time to time, exists and only so long as the Street Light System qualifies for service under Rate Schedule SE.

ARTICLE 19  
RISK OF LOSS PRIOR TO TRANSFER OF TITLE.

In the event that any portion of the Street Light System shall be damaged in any way or removed prior to Closing, PPL shall, at its sole cost and expense, repair or replace any facilities so damaged or removed.

ARTICLE 20  
BINDING EFFECT.

The provisions of this Agreement shall inure to and bind the successors and assigns of the respective Parties.

ARTICLE 21  
GOVERNING LAW.

This Agreement shall be governed by the laws of the Commonwealth of Pennsylvania.

ARTICLE 22  
CAPTIONS.

The Captions in this Agreement are for reference purposes only and shall not affect the interpretation of this Agreement.

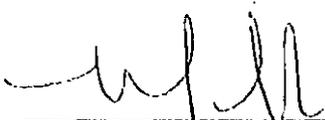
ARTICLE 23  
PRIOR AGREEMENT(S)

This Agreement and the exhibits attached hereto constitutes the entire agreement between Borough and PPL for (a) the placement or Attachment and maintenance of Borough's Facilities on PPL's poles and (b) Borough's purchase of the Street Light System. There are no other provisions, terms or conditions to this Agreement, whether written or oral, and all prior or contemporaneous agreements with respect to the subject matter herein are superseded by this Agreement. Nothing in this integration clause shall limit the Parties respective rights in law or equity concerning matters between the Parties not expressly provided for in this Agreement.

IN WITNESS HEREOF, the Parties have executed this Agreement as set forth below.

ATTEST:

BOROUGH OF DENVER, LANCASTER  
COUNTY, PENNSYLVANIA

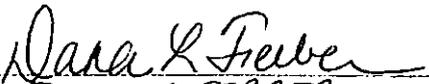
  
\_\_\_\_\_  
Borough Secretary

By:   
\_\_\_\_\_  
Name: Blake S. Dubs  
Title: (Vice) President of Council  
Date: November 27, 2017

ATTEST:

PPL ELECTRIC UTILITIES CORPORATION

\_\_\_\_\_  
Assistant Secretary

By:   
\_\_\_\_\_  
Name: DANA L FERBER  
Title: DIRECTOR OPERATIONS  
Date: November 30, 2017

**EXHIBIT A**

**LIST OF STREET LIGHTING FACILITIES TO BE CONVEYED TO THE  
BOROUGH OF DENVER BY PPL ELECTRIC UTILITIES CORPORATION**

<b><u>NO.</u></b>	<b><u>DESCRIPTION</u></b>
32	5800 Lumen high pressure sodium fixtures
88	9500 Lumen high pressure sodium fixtures
109	Fiberglass poles
58	Wood Pole
14,790 ft.	Street light wire of various sizes

 <p>PPL Electric Utilities</p>	<p><b>Outdoor Lighting Customer Reference Specification 6-10-165</b></p>	<p>0000-000-ST-6010 Custom ID: DCS 6-10 Revision: 06 Effective Date: 09/25/2017 Page 95 of 111</p>
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**6-10-165 – Customer Reference Specification**

**Requirements for Service to  
Customer-Owned Street Lighting Systems  
Served Under Rate Schedule SE**

Replaces A-190555 (6-01-141)  
A-197765 (6-10-165)  
CRS-1001

THIS CUSTOMER REFERENCE SPECIFICATION (CRS) IS PART OF THE RULES FOR  
ELECTRIC METER AND SERVICE INSTALLATION (REMSI) WEBSITE.



**Outdoor Lighting  
Customer Reference Specification  
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**Reference Notes for Drawings**

**General Notes**

1. All work shall be performed in accordance with the practices and specification in this document, the current version of the National Electrical Safety Code (NESC) and all applicable rules and regulations of federal, state and local agencies having jurisdiction over such work. Where conflict arises among such requirements, the more stringent requirements shall be adhered to.
2. Service specified in this document is unmetered according to the terms and conditions of PPL Electric Utilities Corporation (PPL EU) General Tariff, Rules and Rate Schedules for Electric Service, Rate Schedule SE – Energy Only Street Lighting Service.
3. Deviations from this specification must be approved by PPL EU in writing prior to installation.
4. Customer installations of street light attachments to utility poles must obtain approval from the regional PPL EU Distribution Design Department before an attachment is permitted.
5. All customer street light equipment will be installed, owned, operated, and maintained by the customer.
6. Replacement or rearrangement of any and all facilities (make ready work) deemed necessary by PPL EU to accommodate the attachment of customer-owned street lighting facilities must be completed prior to making the attachment.

All costs associated with the replacement or arrangement of those facilities will be paid by the customer owning the lighting facilities.

7. Customer-owned street lights shall be mounted over the roadway at 90 degrees to it. Street lights may be mounted at 45 degrees at an intersection.
8. Customer-owned street light support brackets installed on wood utility poles may be grounded, if the highest attachment point of the street light bracket is below the PPL EU neutral.

A minimum 4 inch clearance shall be maintained between the nearest metallic portion of an ungrounded bracket (or its pole attachment hardware) and any vertical pole ground wire that may be on the surface of the pole.

9. Bolt ends shall not project more than one inch beyond the nut.
10. Installation of customer-owned street lighting facilities on poles with overhead service shall be in accordance with Figures 6-10-165-A or 6-10-165-B and 6-10-165-G/H of this specification.
11. Underground service to customer-owned street lighting on customer-owned poles or customer-owned structures shall be in accordance with Figures 6-10-165-C/D/E/F of this specification.

EXHIBIT B



**Outdoor Lighting  
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**General Notes (cont'd)**

12. Compliance with Pennsylvania's One Call System, PA Act 187 for dig in protection is required.
13. Customer-owned street lights must have an accessible fused disconnect installed in the service line to protect against a short circuit and to provide a means of disconnecting the installation for maintenance. Fuse size must conform to ampacity requirements of the National Electrical Code (NEC) or any other applicable code requirements.
14. Luminaires must have an external label for field identification of the luminaires characteristics in accordance with the latest revision of ANSI C136.15.
15. Minimum clearances between power, telephone, CATV, or other communication companies and customer owned street lighting facilities shall be in accordance with the latest revision of the National Electric Safety Code (NESC).
16. Customer's underground cable and conduit systems for street lighting shall conform to the NESC, including grounding and location of facilities.
17. The PPL EU standard electric service for luminaires is 120 or 240V. However, at PPL EU's option, customer-owned luminaries may be served from other available secondary voltages, but it may involve an excess cost payable by the customer.
18. Generators or other means of emergency electric service to customer-owned street lighting facilities are prohibited, unless specifically approved in writing by PPL EU. If approved, the installation of the emergency electric supply shall conform with the latest revision of PPL EU's REMSI Website.
19. Expressed written consent must be obtained from PPL EU for any work being performed above the PPL EU system neutral.

**Purchase of Company-Owned Street Lighting Facilities**

\*Please refer to PPL EU's currently policy on purchase of company-owned street lighting facilities.



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**General Notes – Customer Equipment**

**Luminaires**

The following luminaire characteristics are strongly recommended:

1. A luminaire type designed for roadway lighting with semi-cutoff or cutoff light distribution pattern.
2. Slipfitter that accommodates 1¼ through 2 inch IPS pipe and bird guard protection for bracket assembly.
3. Ballast or driver capable of operation at both 120 and 240V, 60 cycles AC with high power factor.
4. Terminal block to accept 120 and 240V supply.
5. Mogul lamp socket for standard ANSI approved High-Intensity-Discharge (HID) lamps.
6. Igniter (starter) receptacle for ease of igniter replacement (for HID lamps requiring an igniter).

**Luminaire Control**

A standard locking-type photoelectric control receptacle shall be provided as an integral part of the luminaire housing and shall be fitted with a suitable photoelectric control to individually operate each light. Remote photoelectric control receptacles are not acceptable.

The locking type photocontrol and mating receptacle shall conform to the latest revision of ANSI C136.10. The photocontrol is to be calibrated with a turn ON at 1.5 foot candles (fc)  $\pm 0.5$ fc and a maximum turn OFF ratio of 4:1.

A relay system, with photoelectric control or timed on/off operation, can be used to operate a group of street lights. In this case, the photoelectric control at the luminaire must be replaced by a shorting cap.

**Support and Support Brackets**

The following support and support bracket characteristics are strongly recommended:

1. A minimum Class 3 wood pole. See REMSI Sketch #47 for more detail. Timber option not permitted.
2. All brackets shall meet or exceed the Class D strength requirements of the latest revision of ANSI C136.13 and shall be constructed with a continuous main pipe section.



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**General Notes – Customer Equipment (cont'd)**

**Identification**

Customer-owned street light installations shall be clearly identifiable from the ground.

Each customer-owned luminaire support bracket shall be marked by the customer with two (2) adjacent wraps of 2 inch wide, yellow and black diagonal striped, pressure sensitive adhesive tape (CID 323301)– 2 inches behind the luminaire. PPL EU will provide the customer with sufficient marking tape for each new and purchased installation.

Customer is required to clearly label every pole (PPL EU Wood Pole with ANSI Overhead Light or Customer Owned Underground Feed Light). A permanent weather resistant label shall be located below the PPL EU grid coordinate stencil.

Required information on label shall include but is not limited to the owner of the light, who to call to report a street light outage and that the pole number needs to be provided when an outage call is made.

A sample label would be as follows:

**XYZ Owned Street Light  
Call xxx-xxx-xxxx To Report Street Light Problems  
Provide The Number On This Pole When You Call**

PPL EU will provide grid coordinates for every customer-owned pole. PPL EU reserves the right to install grid coordinate stencils on each customer-owned pole with PPL EU facilities attached.

**Specific Notes: Power Supply & Equipment – Figures 6-10-165-A and 6-10-165-B**

**The customer shall provide the following for new installations:**

1. Street lighting luminaire, lamp (if applicable), control, and bracket.
2. New street light poles or standards as desired. With prior approval from PPL EU and proper clearance, customer owned street light may be attached to existing PPL EU poles.
3. A sufficient length of service leads to allow PPL EU personnel to make all connections to PPL EU's overhead secondary distribution system without splicing in additional wire.

Service leads shall consist of two stranded #10 AWG 600V XLP insulated wires with the neutral lead permanently marked and identifiable throughout its length.

Service leads shall be run from the terminal block connection in the customer-owned luminaire inside the support bracket and exiting out of the bracket at the pole.

The customer shall coil and secure the service leads, after installing the in-line fuse holder and fuse (see #2, "PPL EU Will" below), at the base of the support bracket.



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**Specific Notes: Power Supply & Equipment – Figures 6-10-165-A and 6-10-165-B (cont'd)**

4. A waterproof in-line fuse holder (Bussman HEB-AA, or equivalent), waterproof boots and an appropriate time-delay fuse (Bussman FNM, or equivalent) to protect against a short circuit and to provide a means of disconnecting the installation for maintenance.

The fuse holder shall be installed in the phase lead at the point where the service leads exit the support bracket.

5. A sufficient length of non-conductive molding or conduit to cover the service leads from the point where they exit the support bracket to PPL EU's overhead secondary wires. The size of covering shall not be larger than ¾ inch. Also, provide staples (24 inches apart) of sufficient size and number to attach the molding or conduit to the pole.

The molding or conduit can be tied to the bracket or temporarily affixed to the pole. Staples can be bagged and attached to the bracket or pole.

6. Customer may ground the luminaire bracket to their neutral leg of the 120 or 240V source which is between the fuse and the luminaire. For the grounding bracket use ILSCO P/N: BGC-2DB or equivalent. A minimum of #6 solid copper is required for grounding.

**PPL EU Will**

1. Attach molding or conduit and service leads to the pole.
2. Connect customer's service leads to PPL EU's overhead secondary distribution system.

**Street Light Facilities Purchased from PPL EU**

Electric service equipment specified above are already present in street light facilities to be purchased and PPL EU by the customer. The only exception is that a disconnect point must be established which will be the point of delivery.

PPL EU will install, at the customer's expense, the customer provided in-line fuse holder, fuse and boots in the existing energized service leads. PPL EU can provide the fuse holder, fuse and boots if desired by the customer, at customer's expense. This equipment will be the responsibility of the customer after installation.



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**Specific Notes: Power Supply & Equipment – Figure 6-10-165-C and 6-10-165-D**

Figure 6-10-165-C is not for new construction and is shown only as reference for existing installations.

Figure 6-10-165-D shows a method of providing service to a customer owned street light system with the service and disconnecting equipment on a utility pole.

**Customer Responsibilities**

1. All service equipment is installed, owned, operated and maintained by the street light customer. Customer's equipment includes all service equipment from the service leads weather head and extending through the load side.
2. All customer-owned service equipment must occupy only one side of the pole and is preferred to be installed on the side of the pole to which an installer will face oncoming traffic and will not interfere with traffic.
3. Service entrance equipment and pole-mounted cabinets shall NOT be installed on utility poles that have:
  - Junction poles – a pole where the PPL EU primary line runs in three or more directions.
  - Poles with existing underground riser conduit.
  - Poles with attachments such as PPL EU's capacitor or sectionalizing controlling boxes, line switch operating handles, or other company's control boxes or cabinets (fire alarm, police signal, traffic control, meters, switching and disconnect equipment).
  - Transformer poles that are not accessible to an aerial lift vehicle.
4. The maximum size pole-mounted fused distribution cabinet allowed is 22" wide x 16½" deep x 30" high. All cabinets or disconnecting equipment must be mounted using externally accessible hardware. Do not install more than one distribution cabinet and one disconnect on the same pole.
5. Install and ground the cabinets in accordance with the latest revision of PPL EU's REMSI Website, and any other applicable code.
6. Service disconnecting equipment and fusing must meet installation and ampacity requirements of the NEC and any other applicable code.

**PPL EU Responsibilities**

1. PPL EU will connect the service leads to the available secondary conductors and energize the customer's street lighting system.



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**Specific Notes: Power Supply & Equipment – Figure 6-10-165-E and 6-10-165-F**

Figure 6-10-165-E shows a method of providing service to a customer-owned street light system with the service and disconnecting equipment in an underground served junction box, which will be the point of delivery. This is the preferred method for fusing underground served lighting and is the required method for new installation in which two or more lights are served from a single point of delivery where the junction box will not be surrounded by concrete (i.e. installed in sidewalk, etc.). This fusepoint shall be located as close as possible to PPL EU point of service at a location designated by PPL EU.

Figure 6-10-165-F shows a method of providing service to a customer-owned street light system service and disconnecting equipment in an underground served junction box, which will be the point of delivery. This option is only for use when the junction box shall be surrounded by concrete (i.e. installed in sidewalk, etc.). This fuse point shall be located as close as possible to PPL EU point of service at a location designated by PPL EU.

**Customer Responsibilities**

1. All street light service equipment is installed, owned, operated, and maintained by the street light customer. This includes the junction box, including excavation, fuse holders, fuses, bar connectors, ground rod, ground wire, conduit and cables extending to the customer-owned lighting structures and luminaires.
2. The customer's junction box and cover shall be non-metallic and sized to minimum dimensions according to Figure 6-10-165-E and 6-10-165-F, or larger to accommodate multiple cables with a minimum bending radius for 600V cables of 8 times the cables outside diameter.

The junction box and cover shall support the minimum vertical test load as recommended by the manufacturer for the installed location. Installations in locations normally considered accessible to vehicles is prohibited.

Figure 6-10-165-F – the cover shall have a skid resistant surface.

3. Wire or cables shall be arranged to provide enough slack to pull the connectors and fuse holders out of the junction box for future maintenance and installations.
4. Bar connectors (Utilco/ILSCO type PED-SS series, Homac RAB or RXL series, or equivalent) shall be fully insulated and watertight, with adequate cable positions.
5. Waterproof in-line fuse holders (Bussman HEB, or equivalent) waterproof boots and appropriate time-delay fuses (Bussman FNM, or equivalent) connected at the load end with customer's street light cables.
6. Provide grounding at the junction box. Provide grounding at other locations along the street lighting system in accordance with the NESC.
7. Customer is responsible for any necessary trenching and back filling in compliance with PA Act 187.

EXHIBIT B

 <p>PPL Electric Utilities</p>	<p><b>Outdoor Lighting</b>  <b>Customer Reference Specification</b>  <b>6-10-165</b></p>	<p>0000-000-ST-6010                  Custom ID: DCS 6-10                  Revision: 06                  Effective Date: 09/25/2017                  Page 103 of 111</p>
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**Specific Notes: Power Supply & Equipment – Figures 6-10-165-E and 6-10-165-F (cont'd)**

**PPL EU Responsibilities**

1. Provide and connect an underground service lateral, which may include conduit, to the line side of the in-line fuses and neutral bar connector within the junction box, which will be the point of delivery.
2. Install line identification tags on the line side of the fuse holders and neutral bar connectors.
3. Install a PPL EU grid coordinate number on the outside cover of the junction box.
4. Energize the customer's street lighting system.

**Specific Notes: Figures 6-10-165-G and 6-10-165-H**

Figures 6-10-165-G and 6-10-165-H show the minimum in-span clearances from a customer-owned luminaire to the PPL EU wires attached to the same structure. The figures also show a zone cavity where the wires, of the type and voltage indicated, shall not cross in-span in order to provide room for installation, maintenance and clearances to live wires. The distances are measured at the closest point in the span to the luminaire and its bracket.

The following table shall be used to determine the sag in the wire according to the specific loading conditions with no wind displacement.

Loading Conditions	Sag
32° F, no wind displacement, ½ inch radial thickness of ice	Final
Maximum Conductor Operating Temperature (MCOT) for which the line is designed to operate, no wind displacement	Final
120° F, no wind displacement	Final

The following table only applies to open-wire secondary and open-wire primary conductor for horizontal clearances which must be calculated with wind pressure acting on the conductor, as well as attachment insulator deflection:

60° F, 6 pounds per square foot wind	Final Sag
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**(SINGLE SUPPORT BRACKET)**

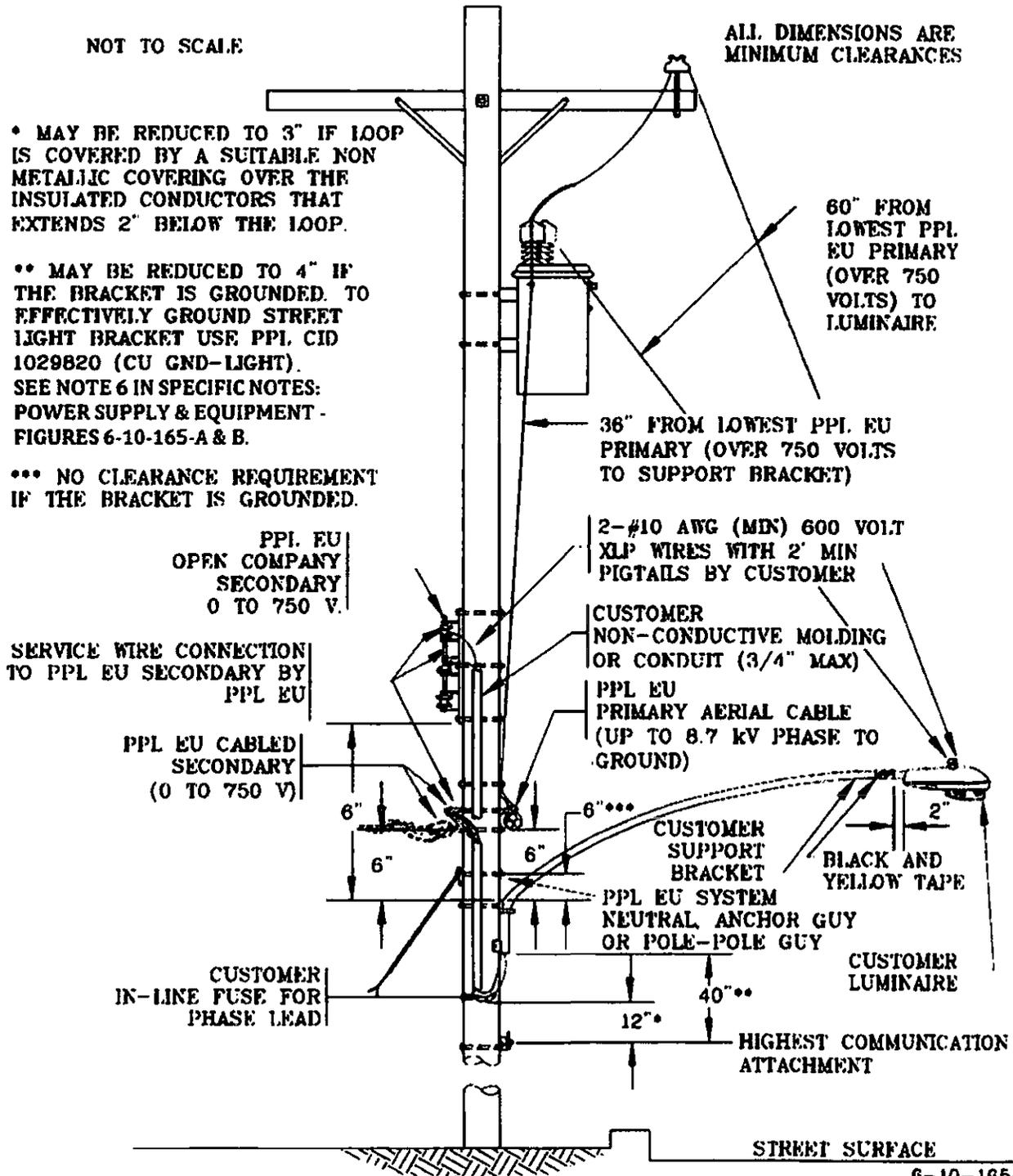
NOT TO SCALE

ALL DIMENSIONS ARE  
MINIMUM CLEARANCES

\* MAY BE REDUCED TO 3" IF LOOP IS COVERED BY A SUITABLE NON METALLIC COVERING OVER THE INSULATED CONDUCTORS THAT EXTENDS 2" BELOW THE LOOP.

\*\* MAY BE REDUCED TO 4" IF THE BRACKET IS GROUNDED TO EFFECTIVELY GROUND STREET LIGHT BRACKET USE PPL CID 1029820 (CU GND-LIGHT). SEE NOTE 6 IN SPECIFIC NOTES: POWER SUPPLY & EQUIPMENT - FIGURES 6-10-165-A & B.

\*\*\* NO CLEARANCE REQUIREMENT IF THE BRACKET IS GROUNDED.



PPL EU  
OPEN COMPANY  
SECONDARY  
0 TO 750 V.

SERVICE WIRE CONNECTION  
TO PPL EU SECONDARY BY  
PPL EU

PPL EU CABLED  
SECONDARY  
(0 TO 750 V)

CUSTOMER  
IN-LINE FUSE FOR  
PHASE LEAD

2-#10 AWG (MIN) 600 VOLT  
XLP WIRES WITH 2' MIN  
PIGTAILS BY CUSTOMER

CUSTOMER  
NON-CONDUCTIVE MOLDING  
OR CONDUIT (3/4" MAX)

PPL EU  
PRIMARY AERIAL CABLE  
(UP TO 8.7 KV PHASE TO  
GROUND)

CUSTOMER  
SUPPORT  
BRACKET

PPL EU SYSTEM  
NEUTRAL ANCHOR GUY  
OR POLE-POLE GUY

BLACK AND  
YELLOW TAPE

CUSTOMER  
LUMINAIRE

HIGHEST COMMUNICATION  
ATTACHMENT

STREET SURFACE

6-10-165-A



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**(DOUBLE SUPPORT BRACKET)**

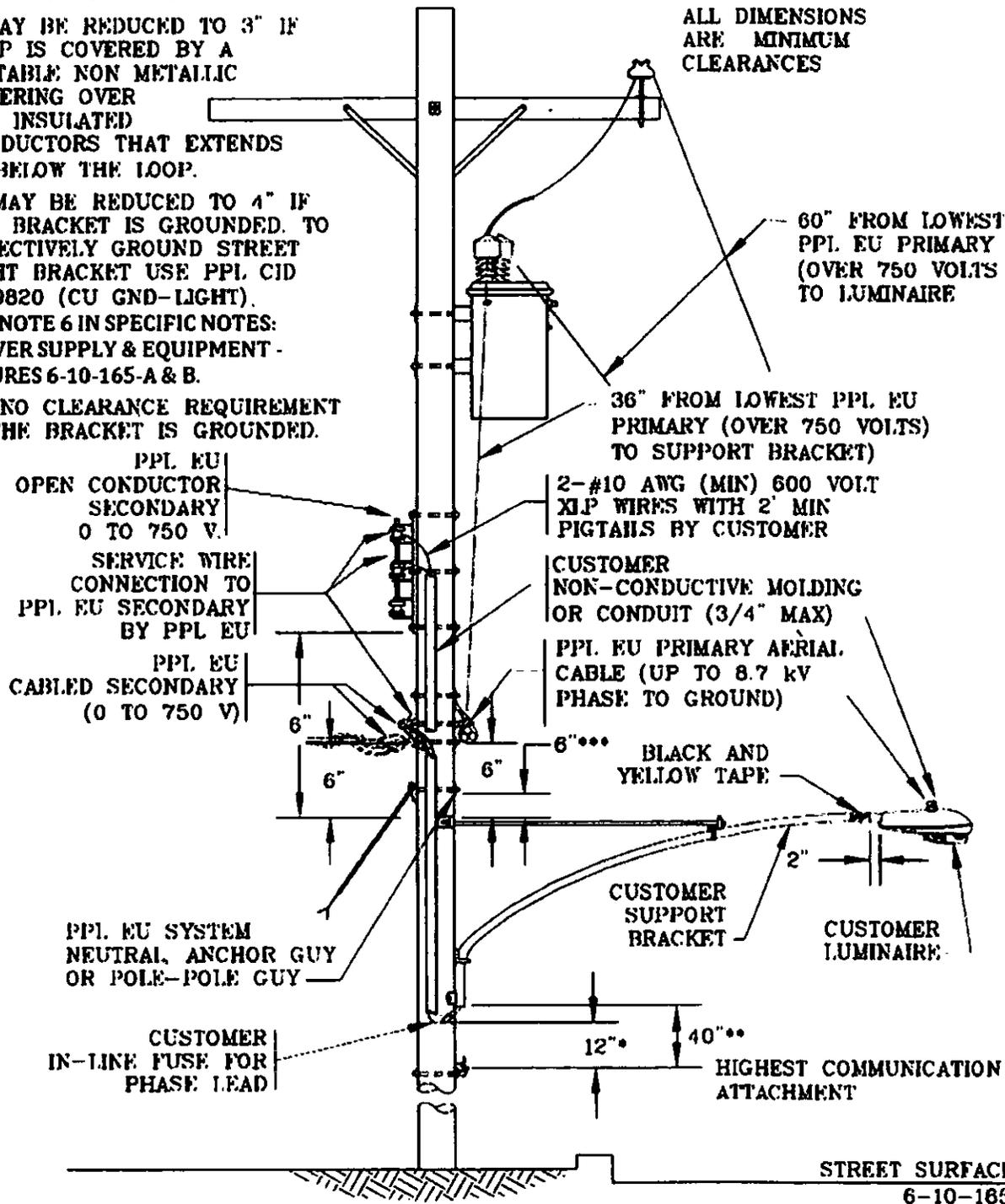
NOT TO SCALE

• MAY BE REDUCED TO 3" IF LOOP IS COVERED BY A SUITABLE NON METALLIC COVERING OVER THE INSULATED CONDUCTORS THAT EXTENDS 2" BELOW THE LOOP.

\*\* MAY BE REDUCED TO 4" IF THE BRACKET IS GROUNDED. TO EFFECTIVELY GROUND STREET LIGHT BRACKET USE PPL CID 1029820 (CU GND-LIGHT). SEE NOTE 6 IN SPECIFIC NOTES: POWER SUPPLY & EQUIPMENT - FIGURES 6-10-165-A & B.

\*\*\* NO CLEARANCE REQUIREMENT IF THE BRACKET IS GROUNDED.

ALL DIMENSIONS ARE MINIMUM CLEARANCES



6-10-165-B



PPL Electric Utilities

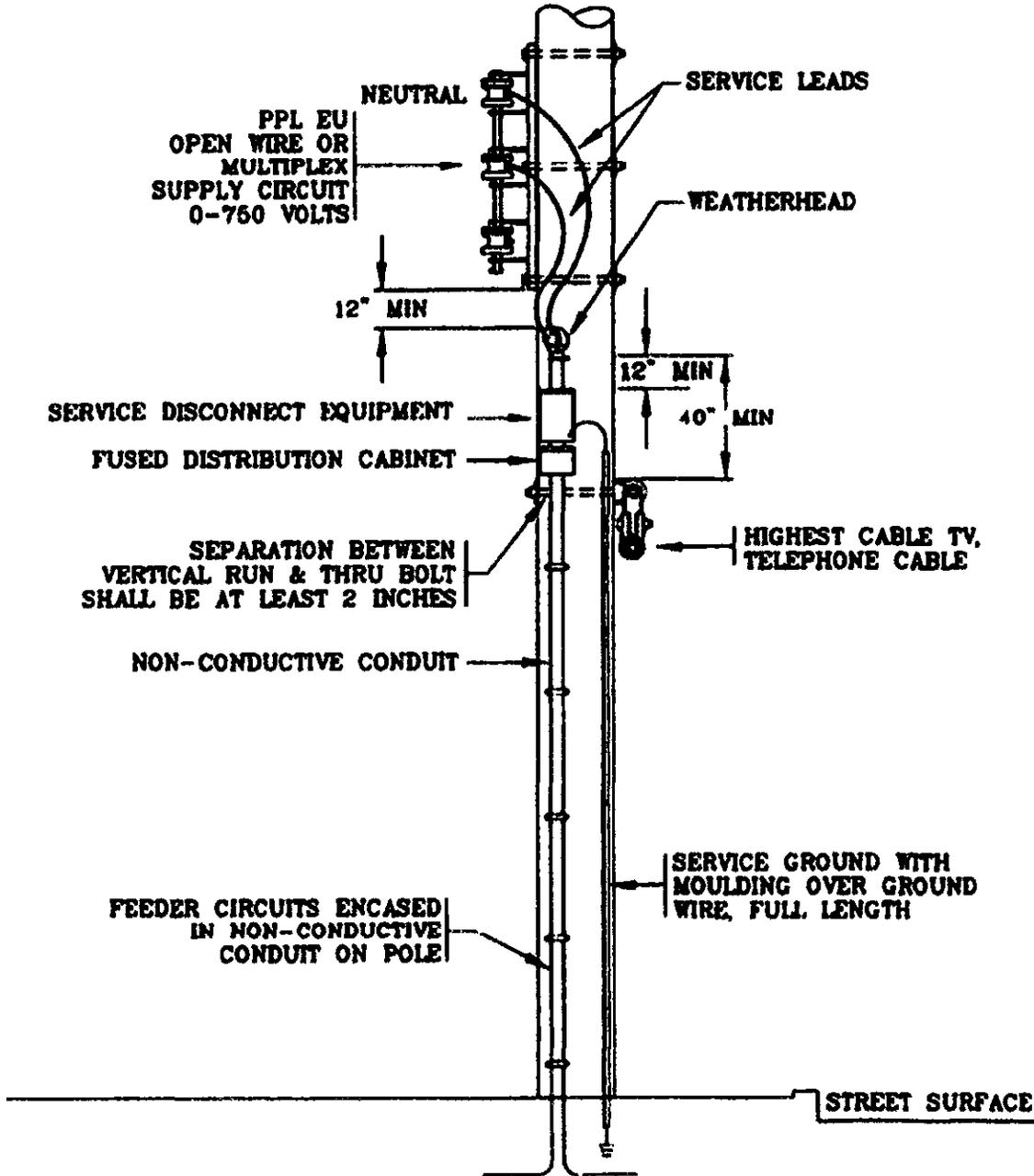
**Outdoor Lighting  
Customer Reference Specification  
6-10-165**

0000-000-ST-6010  
Custom ID: DCS 6-10  
Revision: 06  
Effective Date: 09/25/2017  
Page 106 of 111

NOT TO SCALE

**NOT FOR NEW CONSTRUCTION**

**ALL DIMENSIONS ARE  
MINIMUM CLEARANCES**



6-10-165-C



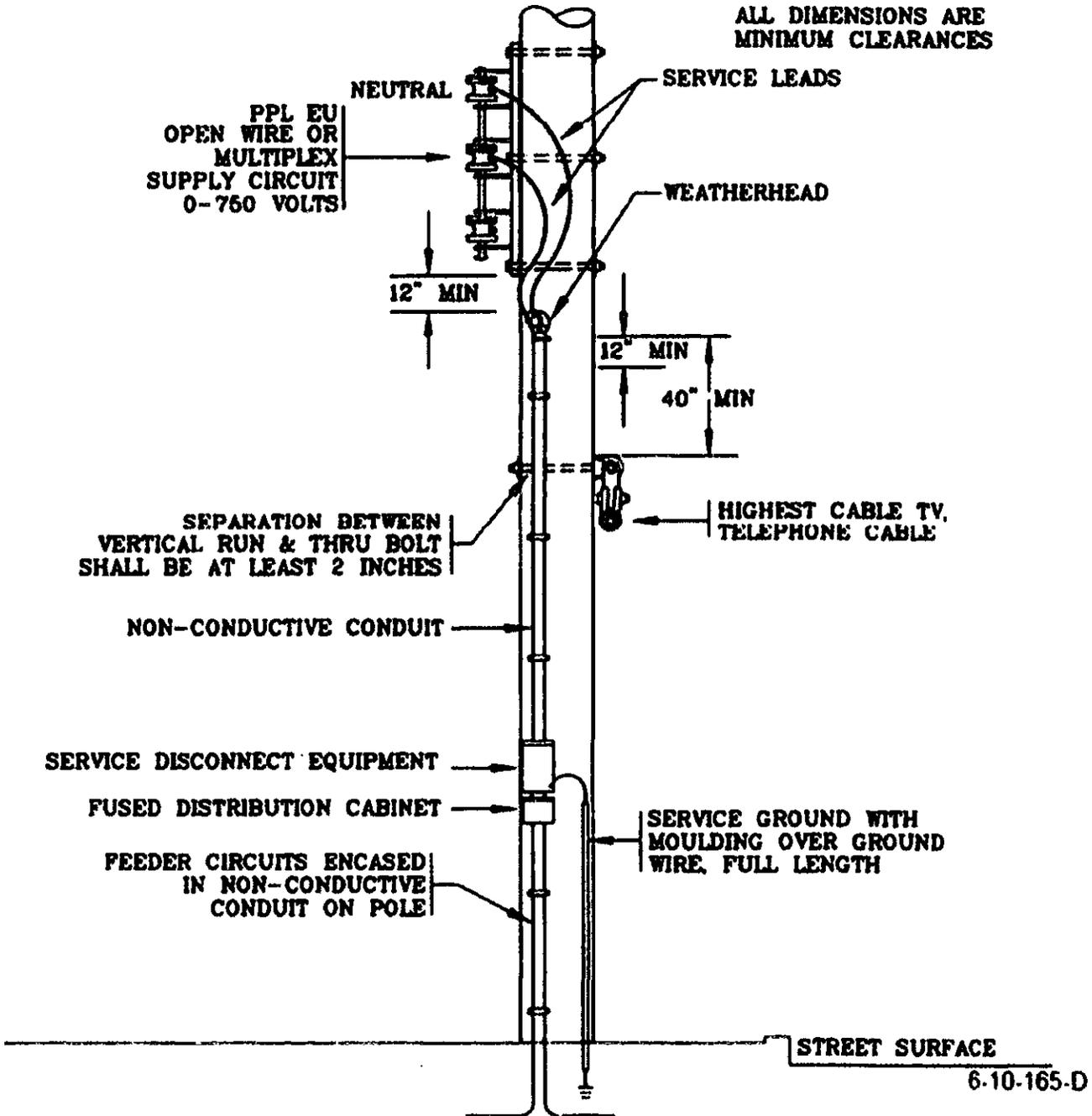
PPL Electric Utilities

**Outdoor Lighting  
Customer Reference Specification  
6-10-165**

0000-000-ST-6010  
Custom ID: DCS 6-10  
Revision: 06  
Effective Date: 09/25/2017  
Page 107 of 111

NOT TO SCALE

**ALL DIMENSIONS ARE  
MINIMUM CLEARANCES**





**Outdoor Lighting  
Customer Reference Specification  
6-10-165**

NOT TO SCALE

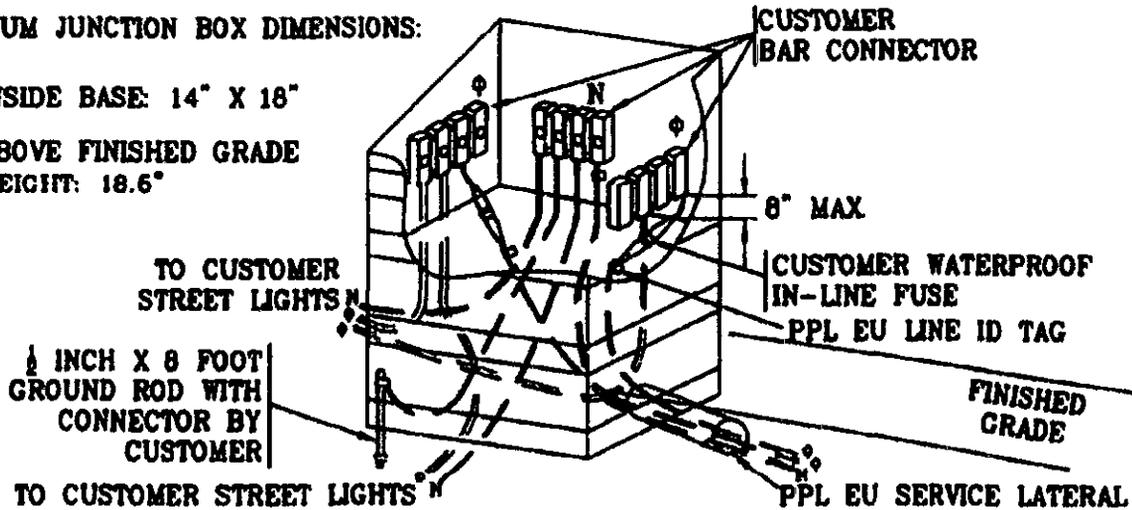
FOR NEW CONSTRUCTION

**FRONT VIEW**

MINIMUM JUNCTION BOX DIMENSIONS:

INSIDE BASE: 14" X 18"

ABOVE FINISHED GRADE  
HEIGHT: 18.6"



**SIDE VIEW**

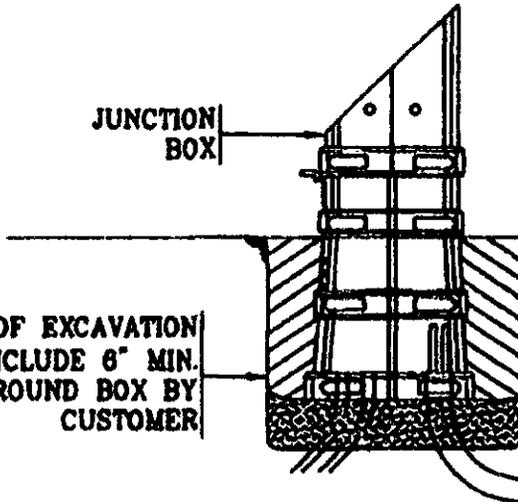
PPL EU GRID  
COORDINATE NUMBER  
AND "ELECTRIC" SHALL  
BE LABELED ON  
OUTSIDE COVER

LOCKING PROVISION



JUNCTION  
BOX

EXTENT OF EXCAVATION  
TO INCLUDE 6" MIN.  
AROUND BOX BY  
CUSTOMER



FINISHED GRADE  
CUSTOMER TO BACKFILL  
UNIFORMLY ON ALL FOUR SIDES,  
TAMP, AND FILL TO FINISHED  
GRADE LEVEL

BASE OF WELL-TAMPED  
STONE SCREENINGS OR  
SAND BY CUSTOMER

6-10-165-E



PPL Electric Utilities

**Outdoor Lighting  
Customer Reference Specification  
6-10-165**

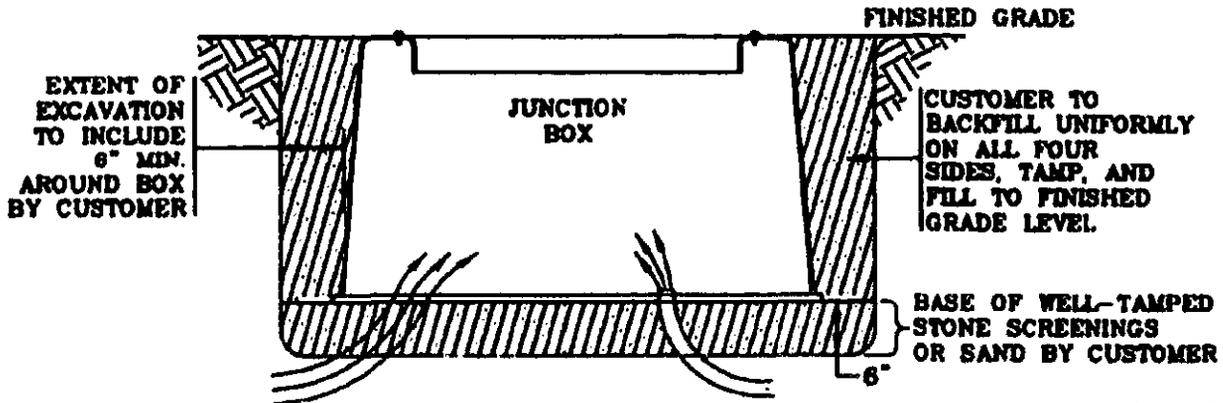
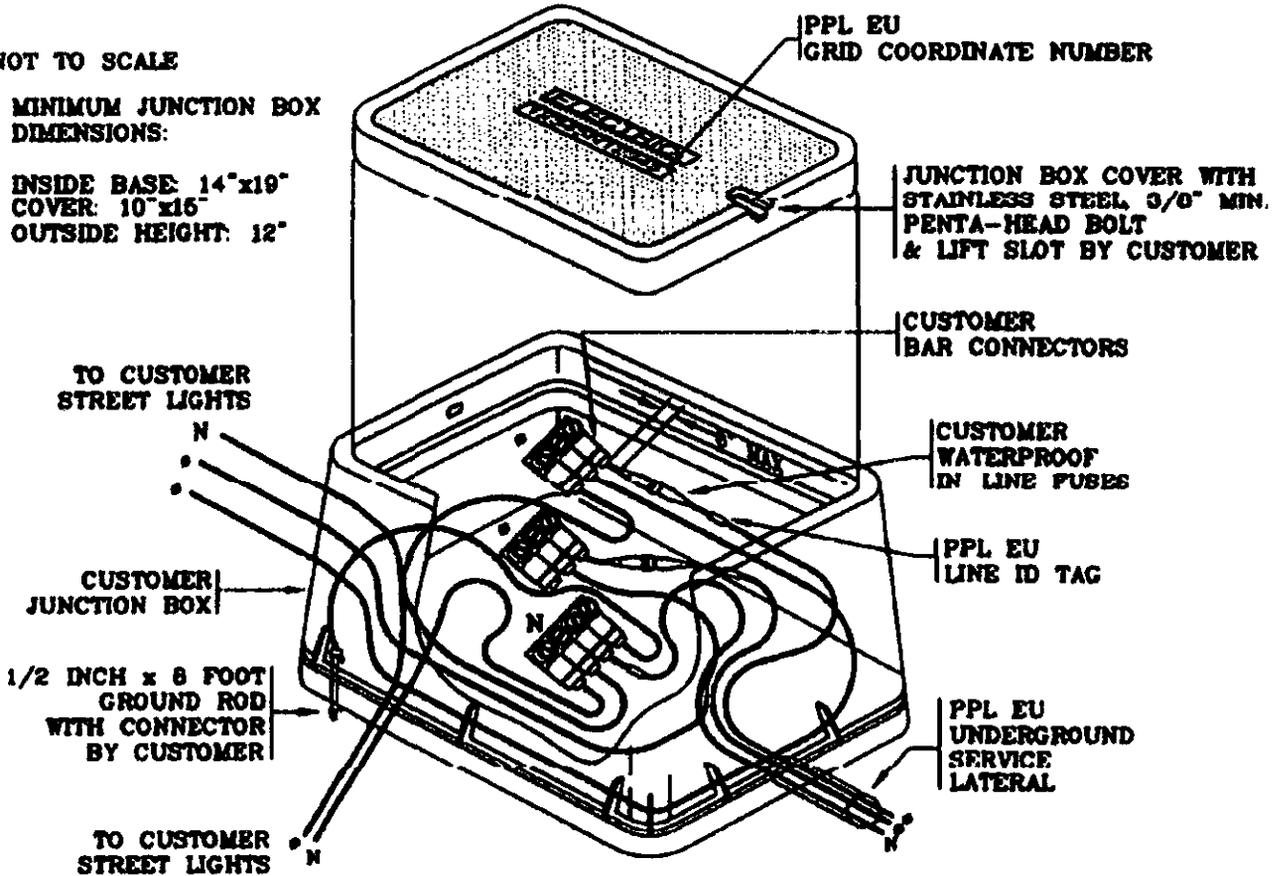
0000-000-ST-6010  
Custom ID: DCS 6-10  
Revision: 06  
Effective Date: 09/25/2017  
Page 109 of 111

**ONLY FOR USE WHEN JUNCTION BOX SHALL BE SURROUNDED BY CONCRETE**

NOT TO SCALE

**MINIMUM JUNCTION BOX  
DIMENSIONS:**

**INSIDE BASE: 14" x 19"  
COVER: 10" x 15"  
OUTSIDE HEIGHT: 12"**



6-10-165.F



**Outdoor Lighting  
Customer Reference Specification  
6-10-165**

0000-000-ST-6010  
Custom ID: DCS 6-10  
Revision: 06  
Effective Date: 09/25/2017  
Page 110 of 111

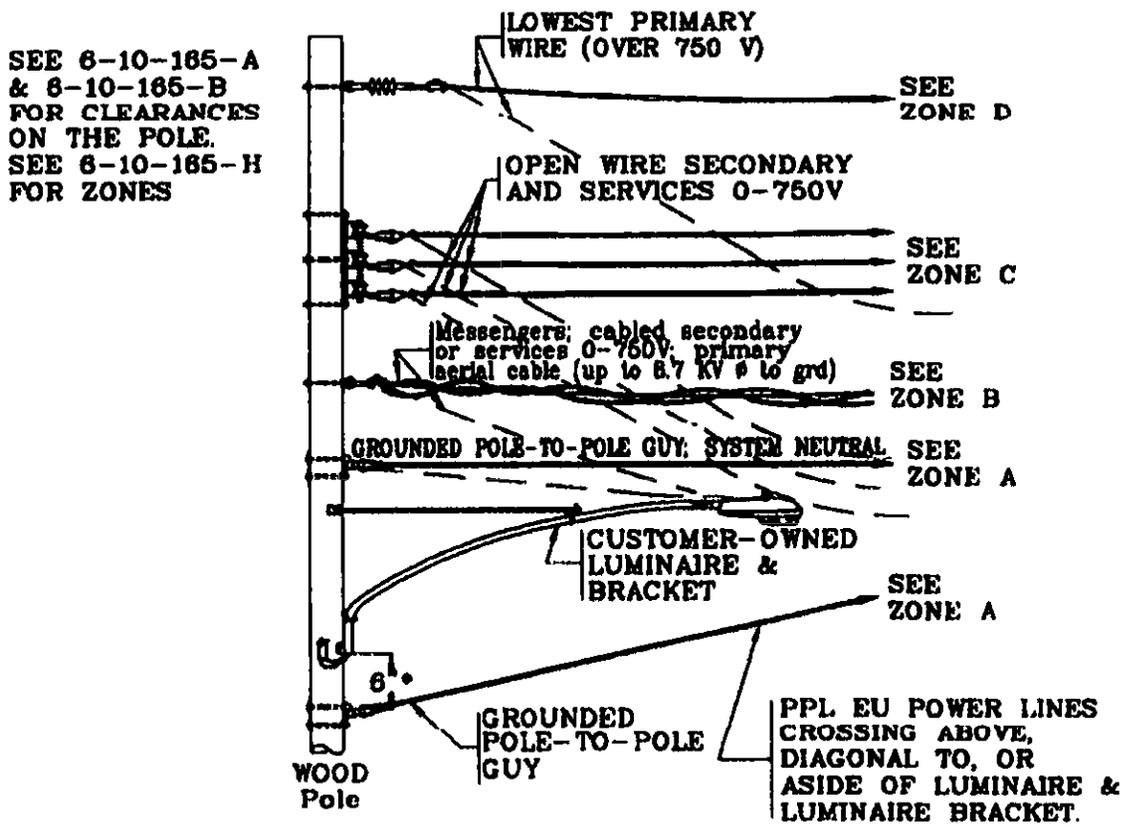
Clearance requirements from PPL EU power lines attached to the same structure and extending above a customer-owned luminaire and luminaire bracket.

Clearances are minimum dimensions and are measured at the closest point in the span to the luminaire or luminaire bracket.

See "Specific Notes: Power Supply & Equipment— Fig. 6-10-165-E and 6-10-165-F" for conductor sag information with respect to loading conditions and wind displacement.

NOT TO SCALE

DIMENSIONS SHOWN ARE MINIMUM DISTANCES.



**\*NO CLEARANCE REQUIREMENT IF THE BRACKET IS GROUNDED.**

6-10-165-G



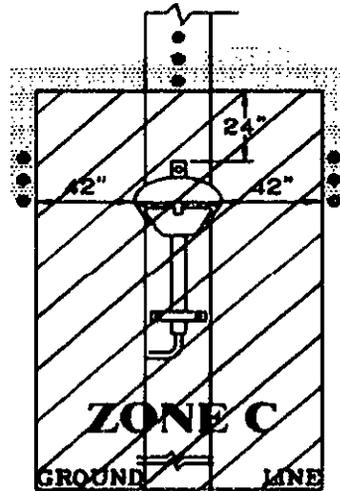
PPL Electric Utilities

**Outdoor Lighting  
Customer Reference Specification  
6-10-165**

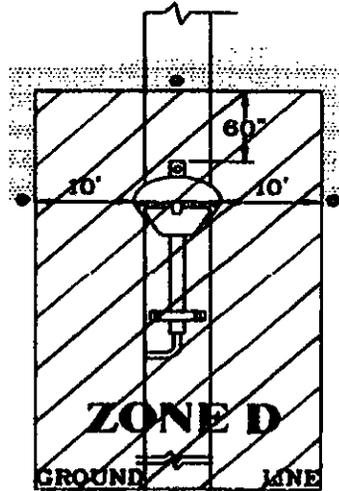
0000-000-ST-6010  
Custom ID: DCS 6-10  
Revision: 06  
Effective Date: 09/25/2017  
Page 111 of 111

NOT TO SCALE

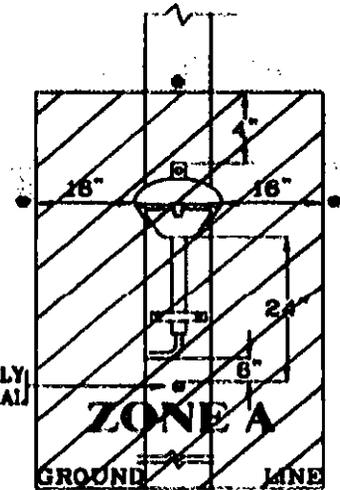
DIMENSIONS  
SHOWN ARE  
MINIMUM  
DISTANCES



• OPEN WIRE SECONDARY  
& SERVICES 0-750V

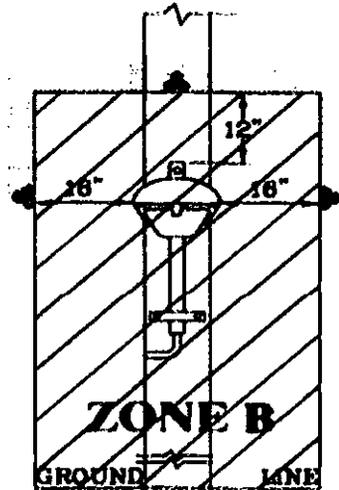


• LOWEST PRIMARY WIRE  
(OVER 750 V)



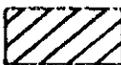
GUY ONLY  
NO NEUTRAL

• GROUNDED  
POLE-TO-POLE GUY;  
SYSTEM NEUTRAL

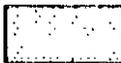


• MESSENGERS; CABLED  
SECONDARY OR SERVICES  
0-760V; PRIMARY AERIAL  
CABLE (UP TO 8.7 KV @  
TO GRD)

**LEGEND:**



ZONE WHICH CAN'T BE  
OCCUPIED BY POWER  
LINES REPRESENTED



AREA OF CLOSEST  
LOCATION OF POWER  
LINE REPRESENTED

6-10-165-H

**ATTACHMENT 2**

BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION

In re: Application of PPL Electric :  
Utilities Corporation for Approval of the :  
Transfer by Sale to the Borough of :                   Application  
Denver of Electric Facilities Located in :                   Docket No. \_\_\_\_\_  
the Borough of Denver, Lancaster :  
County, Pennsylvania. :

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**RESPONSES OF PPL ELECTRIC UTILITIES CORPORATION  
TO INTERROGATORIES PROPOUNDED BY THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

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Question:

1.       Provide an accurate legal description and location identification of the property and the interest therein to be sold, leased or transferred.

Response:

1.       See Attachment 1 to the Application.

Question:

2.       Provide, where applicable, an inventory identifying the buildings, structures, fixtures and other improvements, including appurtenant removable building equipment, which are considered to be part of the property for sale, lease or transfer.

Response:

2.       See Attachment 1 to the Application.

Question:

3. State whether or not the sale, lease or transfer of the property will affirmatively promote the service, accommodation, convenience or safety of the public in some substantial way. Explain.

Response:

3. The sale will significantly benefit the Borough of Denver, by permitting more efficient and economical operations. PPL Electric Utilities Corporation (hereafter "PPL Electric") and its customers will be benefited by no longer having to maintain the transferred facilities.

Question:

4. State the reason for the sale, lease or transfer of property.

Response:

4. The Borough of Denver requested the transfer to qualify the municipality to change from Rate Schedule SHS to Rate Schedule SE for all of its street lighting service, which will result in a significant, yearly rate savings.

Question:

5. State the alternatives that PPL Electric has considered to the prospective sale, lease or transfer.

Response:

5. PPL Electric did not consider any alternatives to the proposed sale because it is most efficient, and it is in the public interest for the municipality to receive and maintain these facilities.

Question:

6. State whether or not the sale, lease or transfer of this property will result in an interruption or curtailment of existing services to the public. Explain.

Response:

6. The proposed sale will not result in an interruption or curtailment of existing services to the public.

Question:

7. State whether or not the sale, lease or transfer of this property will result in either a staff reduction or a termination of some portion of PPL Electric's operation. Explain.

Response:

7. The sale involves a minor portion of PPL Electric's assets and will not cause a staff reduction or a termination of any of PPL Electric's operations.

Question:

8. State whether or not the sale, lease or transfer of this property will result in a physical relocation of the main office, branch office or service office of PPL Electric.

Response:

8. The sale will not result in relocation of any PPL Electric offices.

Question:

9. State whether or not the sale of this property will require the acquisition of replacement property. If replacement is required, state the cost and description of the property to be acquired.

Response:

9. PPL Electric will not have to acquire replacement property due to the sale. The transferred facilities serve only the Borough of Denver.

Question:

10. State whether or not PPL Electric anticipates or has reason to believe that it will be necessary to seek a rate increase in order to withstand the financial impact of the transaction that is the subject of these interrogatories. Explain.

Response:

10. PPL Electric does not anticipate a need to seek increased rates due to this sale.

Question:

11. State whether or not the property has been part of a rate case that has appeared before the PUC. If it has been, identify the case by Commission docket number and date.

Response:

11. The property to be transferred has been included in PPL Electric's most recently filed rate case at Docket No. R-2015-2469275, and in prior rate cases.

Question:

12. State whether or not the property is the subject of a state or federal proceeding. If it is, identify the proceeding and explain.

Response:

12. The property is not the subject of any state or federal proceedings.

Question:

13. State whether the property is to be sold at a price above or below its fair market value as determined by at least two appraisals and a third review appraisal with the three appraisals being performed by qualified independent real estate appraisers; if the property is stock, indicate the book value and current market value of the shares involved.

Response:

13. Independent real estate appraisals were not needed because the real estate is not involved in the sale. PPL Electric agreed to sell and the Borough of Denver agreed to purchase the facilities for \$181,793.

Question:

14. State the net profit or loss to be realized by PPL Electric from the sale, lease or transfer of this property after the following factors have been taken into consideration:

- a. date and cost of acquisition,
- b. cost of improvements,

- c. allowance for depreciation,
- d. brokerage fees and commissions,
- e. tax consequences of the sale,
- f. recording fees, transfer taxes, and similar expenses incidental to conveying such property,
- g. penalty costs and other charges for prepayment of any pre-existing recorded mortgage encumbering such property and
- h. net damages or benefits accruing to the remaining PPL Electric property.

Response:

14. Considering the listed factors, PPL Electric will not realize a net profit or loss from the sale.

Question:

15. State the uses to which proceeds of this sale will be applied.

Response:

15. Proceeds from the sale will be applied to general corporate purposes.

Question:

16. State the accounting entries that will be made in the sale, lease or transfer of the property.

Response:

16. The retirement of depreciable facilities sold will be recorded as follows:

Account 108 - Accumulated Provision for Depreciation of Electric Utility Plant will be debited and Account 101-Electric Plant in Service will be credited for the sale of depreciable plant other than line transformers and customer meters. Accordingly, interim retirements are not recorded for line transformers or customer meters.

The proceeds from the sale of depreciable assets will be recorded as follows:

Account 131 - Cash will be debited and Account 108 - Accumulated Provision for Depreciation of Electric Utility Plant will be credited.

Question:

17. State the effect that the sale will have on PPL Electric's short-range or long-range plans for expanding or upgrading any of the services that PPL Electric is now offering to the public.

Response:

17. The sale will not affect PPL Electric's short or long-range plans for expanding or upgrading any services now offered to the public.

Question:

18. Where an affiliated interest of a public utility is involved in the property transfer, explain fully the relationship between the affiliate and the jurisdictional utility.

Response:

18. No affiliated interests are involved in the sale.

Question:

19. State what portion of the original cost of the property being transferred represents material cost, and what portion represents installation cost.

Response:

19. Practically the entire amount of the property's original cost represents material costs.

Question:

20. State when the property was installed and/or constructed.

Response:

20. The majority of the equipment was installed in 1987.

