RULES FOR ELECTRIC METER & SERVICE INSTALLATIONS

Approved Metering and Equipment Tables - List of Changes: 2020, 2019, 2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011
Customer Reference Specifications (CRS) - List of Changes: 2020, 2019, 2018, 2017, 2016, 2015, 2014, 2012, 2011
Definitions - List of Changes: 2011
REMSI Rules - List of Changes: 2020, 2019, 2018, 2017, 2015, 2014, 2013, 2012, 2011
Sketches - List of Changes: 2019, 2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011
Utility Reference Specifications: 2020, 2019

NOTE 1	All updated sketches have been redrawn for clarity using a new format.
NOTE 2	The 3 phase, 4 wire, 240-single phase 120/240 volts service is now referred to as 3 Phase, 4 Wire, Delta 240/120 Volts.
NOTE 3	Are changing the terms 'meter trough' to 'meter base' and 'meter mounting' to 'meter panel'.

Sketches – List of Changes - 2019	
	04/09/2019 – **Changed the title** Emergency (Stand-by) Generation Organization Map **to Emergency (Stand-by) Generation Sketch Table**
	04/09/2019 – **Changed the title** Distributed Energy Resources (DER) Sketch Organization Map **to Distributed Energy Resources (DER) Sketch Table**
	04/04/2019 **– Changed the title** Distributed (Renewable) Generation Organization Map **to Distributed Energy Resources (DER) Organization Map**

Sketches – List of Changes - 2018	
	12/11/2018 – Added CRS 6-09-200 in **Master Sketch Table-Primary Overhead 12kV.**
	12/11/2018 – Removed the wording '600A max' from **Master Sketch Table Single Phase-Overhead** on Sketch 5.
	12/11/2018 – Included Sketch 53 on **Master Sketch Table-Single Phase-Underground**
	4/13/2018 - Removed Self-Contained 480V metering organization map

Sketches - List of Changes - 2017	
60	12/29/2017 – Removed sketch – Typical arrangement of outdoor metering equipment on building, underground service lateral from OH or UG distribution, single phase, 240/480 volts self-contained, 200 ampere
61	12/29/2017 – Removed sketch – Typical arrangement of outdoor metering equipment on building, underground service lateral from OH or UG distribution, single phase, 240/480 volts self-contained, 400 ampere
70	12/29/2017 – Removed sketch – Typical arrangement of outdoor metering equipment on service and meter pole
71	12/29/2017 – Removed sketch – Underground secondary service, indoor multi-meter installation for common service with instrument cabinets and/or meter bases
72	12/29/2017 – Removed sketch – Overhead or underground secondary service, indoor/outdoor multi-meter installation for common service with instrument transformer cabinets and/or meter bases
73	12/29/2017 – Removed sketch – Typical arrangement of outdoor metering equipment on building
80	12/29/2017 – Removed sketch – Typical arrangement of outdoor metering equipment on building, underground service, lateral from OH or UG distribution, 3 phase, 277/480 volts self-contained, 200 ampere
81	12/29/2017 – Removed sketch – Typical arrangement of outdoor metering equipment on building, underground service, lateral from OH or UG distribution, 3 phase, 277/480 volts self-contained, 400 ampere
82	12/29/2017 – Removed sketch – Typical arrangement of outdoor metering equipment on building. OH distribution
83	12/29/2017 – Removed sketch – Typical arrangement of outdoor metering equipment on building, lateral from OH or UG distribution
Distributed (Renewable) Generation Organization Map – 12/18/2017: • Removed 480V Self-Contained for Sketch 57 and 57A • Changed Self-Contained Less than 480V to Self-Contained Less than 240V	
25c	12/18/2017 - Removed sketch - Secondary service meter base connections for self-contained meters overhead service
25d	12/18/2017 - Removed sketch - Secondary service meter base connections for self-contained meters underground service
57	12/18/2017 – Removed sketch – Inverter-Based Renewable generation for generator capacity up to and including 20% of the load center bus bar rating for 480V, self-contained metering installations.
57A	12/18/2017 – Removed sketch – Inverter-based renewable generation for generator capacity over 20% of the load center bus bar rating for 480V, self-contained metering installations.

Sketches - List of Changes - 2016	
3	09/19/2016: • Removed requirement for Approval of Metering Services • Updated Table A • Updated max tension to 850lbs
4	09/19/2016 – Added note that structure must be installed in an area which is not accessible to vehicular traffic.
5	09/19/2016 – Updated max tension to 850lbs.
6	09/19/2016 – Updated max tension to 850lbs.
14	09/19/2016 – Updated layout and added bonding jumper size to notes.
14A	09/19/2016 – Updated layout and added bonding jumper size to notes.
14B	09/19/2016 – Updated layout and added bonding jumper size to notes.
14C	09/19/2016 – Updated layout and added bonding jumper size to notes.
14D	09/19/2016 – Updated layout and added bonding jumper size to notes.
15	09/19/2016 – Updated layout and added bonding jumper size to notes.
15A	09/19/2016 – Updated layout and added bonding jumper size to notes.
25	09/19/2016 – Corrected diagram of 2 Wire, 1 Phase, 120V meter base
30	09/19/2016: • Updated minimum pole class from 4 to 3 • Updated Note 3 on Point of Contact requirements
31	09/19/2016: • Updated minimum pole class from 4 to 3 • Updated Note 3 on Point of Contact requirements
32	09/19/2016: • Removed metering equipment from Sketch • Removed “outdoor metering equipment” from title
33	09/19/2016: • Updated metering equipment in Sketch • Updated Note 1 on Point of Contact requirements

34	09/19/2016: • Updated metering equipment in Sketch • Updated Note 1 on Point of Contact requirements
39	09/19/2016: • Removed fused interrupter requirement in Note 3 • Added Note 6
47	09/19/2016: • Updated Sketch to include class 3, 4, and 5 poles • Updated layout
48	09/19/2016 – Minor updates to sketch
50	09/19/2016 – Updated clearance from the bus work to front of cabinet from 1" to 1.5"
54	09/19/2016 – Updated Note 5 & 6
54A	09/19/2016 – Updated Note A
56	09/19/2016: • If a neutral connection exists at the inverter, the inverter neutral shall be connected to the service neutral • Customer shall contact PPL EU prior to any new installations depicted in this sketch
56A	09/19/2016: • If a neutral connection exists at the inverter, the inverter neutral shall be connected to the service neutral • Customer shall contact PPL EU prior to any new installations depicted in this sketch
57	09/19/2016: • If a neutral connection exists at the inverter, the inverter neutral shall be connected to the service neutral • Customer shall contact PPL EU prior to any new installations depicted in this sketch
57A	09/19/2016: • If a neutral connection exists at the inverter, the inverter neutral shall be connected to the service neutral • Customer shall contact PPL EU prior to any new installations depicted in this sketch

58	09/19/2016: • If a neutral connection exists at the inverter, the inverter neutral shall be connected to the service neutral • Customer shall contact PPL EU prior to any new installations depicted in this sketch
58A	09/19/2016: • If a neutral connection exists at the inverter, the inverter neutral shall be connected to the service neutral • Customer shall contact PPL EU prior to any new installations depicted in this sketch
59	09/19/2016: • If a neutral connection exists at the inverter, the inverter neutral shall be connected to the service neutral • Customer shall contact PPL EU prior to any new installations depicted in this sketch
59A	09/19/2016: • If a neutral connection exists at the inverter, the inverter neutral shall be connected to the service neutral • Customer shall contact PPL EU prior to any new installations depicted in this sketch
59B	09/19/2016: • If a neutral connection exists at the inverter, the inverter neutral shall be connected to the service neutral • Customer shall contact PPL EU prior to any new installations depicted in this sketch
60	09/19/2016: • Updated sketch and Notes 1, 7, 8, & J • Added Note K
61	09/19/2016: • Updated sketch and Notes 2, 8, 9, & J
70	09/19/2016: • Updated sketch and Notes 2, 5, 10, 13, & D • Added Note E

71	09/19/2016: • Updated Note 1 • Added Notes J & K • Changed voltage from single phase 277/480 volts to single phase 240/480 volts
72	09/19/2016: • Updated sketch and Notes 1, E, F, & N • Added Note O
73	09/19/2016: • Updated Notes 1, 4, 5, 7, & I • Added Note J • Changed voltage from single phase 277/480 volts to single phase 240/480 volts
80	09/19/2016: • Updated sketch and Notes 1, 4, 5, 6, B, & I • Added Note J
81	09/19/2016: • Updated sketch and Notes 2, 6, 7, B, & I • Added Note J
82	09/19/2016: • Updated Notes 1, 3, 4, 6, & I • Added Note J
83	09/19/2016: • Updated sketch and Notes 1, 4, 5, B, & I • Added Note J
90	09/19/2016 – Added new Sketch on single phase outdoor metering equipment on customer-owned meter pole

Sketches - List of Changes - 2015	
3	08/11/2015 - Added note “Requires Approval from Supervisor – Metering Services.”
3B	07/15/2015 – Added note “Requires Approval from Supervisor – Metering Services.”
53	07/15/2015 – Minimum width of mounting surface changed from 16” to 36”.
7	04/10/2015 – Note 5 updated to be furnished and installed by the customer and maintained by PPLEU. This is the service lateral conduit to the 90 degree elbow.
15A	04/10/2015 – Labeled the voltage transformers on the drawing, Note 8 not needed. Note 9 was moved to Note 8.

Sketches - List of Changes - 2014	
7A	03/13/2014 – Clarified dimensions of required weep holes in Notes E and F.
23	03/7/2014 – Removed bus bar hole size requirement and clarified notes concerning CTs. Expanded the sketch to two sheets.
30	03/4/2014 – Sketch bifurcated into two sheets to separate notes from the sketch. Updated sketch to new format. New note added to drawing limiting customer fusing to 175E standard speed power fuses.
31	03/4/2014 – Sketch bifurcated into two sheets to separate notes from the sketch. Updated sketch to new format. New note added to drawing limiting customer fusing to 175E standard speed power fuses.
32	03/4/2014 – Sketch bifurcated into two sheets to separate notes from the sketch. Updated sketch to new format. New note added to drawing limiting customer fusing to 175E standard speed power fuses.
33	03/4/2014 – Sketch bifurcated into two sheets to separate notes from the sketch. Updated sketch to new format. New note added to drawing limiting customer fusing to 175E standard speed power fuses.
34	03/4/2014 – Sketch bifurcated into two sheets to separate notes from the sketch. Updated sketch to new format. New note added to drawing limiting customer fusing to 175E standard speed power fuses.
35	03/4/2014 – Sketch bifurcated into two sheets to separate notes from the sketch. Updated sketch to new format. New note added to drawing limiting customer fusing to 175E standard speed power fuses.
36	03/4/2014 – Sketch bifurcated into two sheets to separate notes from the sketch. Updated sketch to new format. New note added to drawing limiting customer fusing to 175E standard speed power fuses.
38	03/4/2014 – Sketch bifurcated into two sheets to separate notes from the sketch. Updated sketch to new format. New note added to drawing limiting customer fusing to 175E standard speed power fuses.

Sketches - List of Changes - 2013	
16	09/27/2013 – General updating for clarity, changed location of VT rack and bonding.
16A	09/27/2013 – General updating for clarity, changed location of VT rack and bonding.
16B	09/27/2013 – Sketch eliminated. Installations with sixteen conductors per phase no longer allowed.
25A	06/07/13 – Expanded the sketch to two sheets. Added a sub-sketch for two-wire 120 volt service at the bottom of sheet 2.

Sketches - List of Changes - 2012	
27	10/11/12 – Updated format and content.
28	10/11/12 – Updated format and content. Added sub-sketch for barriers in driveway areas.
47	10/11/12 – Corrected spellings and pole setting depths.
73	10/11/12 – Corrected title and note H to remove references to 240/480 volts.
35	**NOTE: Requires Approval by Supervisor of Metering Services** is now replaced with **NOT FOR NEW CONSTRUCTION--Drawing not updated!**

10/12/12 Added verbiage in **red** to **Distributed Generation Organization Map**

Customer shall contact PPL EU prior to any new installations depicted in these sketches

07/25/12 Added verbiage in **red** to Distributed Generation Organization Map below:

Distributed Generation Organization Map

If a neutral connection exists at the inverter, the inverter neutral shall be connected to the service neutral. As part of future review of all DG sketches, the above verbiage will be added to each sketch.

Metering Type	Voltage		Load Center Bus Bar Rating	Sketch #
Self-Contained	Less than 480 V		Up to and Including 20%	56
			Over 20%	56A
480V Self-Contained	480 V		Up to and Including 20%	57
			Over 20%	57A
CT/Secondary	Less than 600 V		Up to and Including 20%	58
			Over 20%	58A
12 kV	12 kV	Pole Mount	Up to and Including 20%	59
			Over 20%	59A
		Switchgear	All Options	59B

Sketches - List of Changes - 2011	
3B	03/18/11 Updated Format and Content
7	03/18/11 Updated Format and Content
7B	03/18/11 New Sketch
8C	08/12/11 Updated Format & Content
8D	08/12/11 New Sketch
Sketch 16 Series – Sketch 16A has been revised, reformatted and updated into a series of sketches: o Sketch 16 – up to and including 2000A – 8 conduits o Sketch 16A – up to and including 3000A – 12 conduits o Sketch #16B – up to and including 4000A – 16 conduits	
20	08/12/11 New Sketch
Sketch 41 Series - 07/29/11 41P1, 41P2, 41AP1, 41AP2, 41BP1, 41BP2, 41CP1, 41CP2, 41DP1, 41EP1 - Updated information on Pad Mount and Pole Top Transformer Labels.	
49	08/12/11 Updated Title & Format
54A	08/12/11 Updated Title & Format
55	08/12/11 Updated Title & Format
Distributed Generation Sketch Series have been updated, expanded and renumbered for organization. Each sheet has had content updated or in new. The new Distributed Generation Series is as follows:	

Distributed Generation Organization Map

Metering Type	Voltage		Load Center Bus Bar Rating	Sketch #
Self-Contained	Less than 480 V		Up to and Including 20%	56
			Over 20%	56A
480V Self-Contained	480 V		Up to and Including 20%	57
			Over 20%	57A
CT/Secondary	Less than 600 V		Up to and Including 20%	58
			Over 20%	58A
12 kV	12 kV	Pole Mount	Up to and Including 20%	59
			Over 20%	59A
		Switchgear	All Options	59B

Customer Reference Specifications - List of Changes – 2020

CRS 6-15-160 – Customer Installed Precast Manhole – Underground Structural
Effective 5/25/2020

CRS 6-15-180 - Customer Installed Duct System – Underground Structural
Effective 5/25/2020

- Added spare conduit rule note for new duct pack installations.
- Added note clarifying PPL's policy on the use of PPL-owned conduits by foreign utilities and third parties.

Customer Reference Specifications - List of Changes – 2019

CRS 6-22-130 – Installation Instructions for Ultra Service Park for Precast Concrete Foundation for Three-Phase Pad Mounted VCR

- Revised Figure 6-22-130C to show to slots
- Revised Figure 6-22-130D

Customer Reference Specifications - List of Changes – 2018

CRS 6-15-160 – Underground Structural Customer Reference Specification Installed Precast Manhole Specification
Effective 10/29/2018

- Updated header title to **"Underground Structural Customer Reference Specification Installed Precast Manhole Specification"**
- Updated list of approved manhole suppliers
- Updated figures:
  - 6-15-160-A - Removed page numbers
  - 6-15-160-C - Increased cut dimensions from 48" to 60." Increased throat OD to 54." Added anchors.
  - 6-15-160-D – Added concrete over pour to hold frame in place.

CRS 6-15-180 – Customer Installed Duct System – Underground Structural
Effective 10/29/2018

- Updated header title to **"Underground Structural Customer Reference Specification Customer Installed Duct System"**
- Updated figures:
  - 6-15-180 E and F moved title to top

CRS 6-22-130 – Installation Instructions for Precast Concrete Foundation for Three-Phase Pad Mounted VCR is new to REMSI Customer Reference Specification

CRS 6-22-187 – **Installation Instructions for Three-Phase, 200 A Switchgear Foundation** is updated since over-all Spec 6-22 has been revised

CRS 6-22-197 – Installation Instructions for Three-Phase, 600 A Switchgear Foundation is updated since overall Spec 6-22 has been revised

CRS 6-22-198 – Installation Instructions for Precast Concrete Foundation for Three-Phase Pad-Mounted Manual or Automatic Source Transfer Switch is updated since overall Spec 6-22 has been revised

CRS 6-22-199 – PPL EU Ultra Service Park Typical Utility Plan is updated since overall Spec 6-22 has been revised

Customer Reference Specifications - List of Changes – 2017

6-10-165 – Requirements for Service to Customer-owned Street Lighting Systems Served Under Rate Schedule SE

Effective 09/25/2017 – Identification – Added note requiring addition of number (2) and CID 323301 for 2 inch wide, yellow and black diagonal striped, pressure sensitive adhesive tape.

6-17-122 – Customer Installed Three-Phase Pad-mounted Precast Transformer Foundation

Effective 03/27/2017 – "All protective barriers must be removable bollards (constructed as or equivalent to 6-17-122G)" in Note 13. Updated 6-17-122-G as removable bollard.

6-22-187 – Install Three-Phase, 200 A Switchgear Foundation

Effective 03/27/2017 Below are the updates:

- Added "All protective barriers must be removable bollards (constructed as or equivalent to 6-22-187E-B)" in Note 10
- Revised 6-11-187E into 6-22-187E-A and 6-22-187E-B
- Updated 6-22-187E-B as removable bollard

6-22-197 – Install Three-Phase, 600 A Switchgear Foundation

Effective 03/27/2017 Below are the updates:

- Added "All protective barriers must be removable bollards (constructed as or equivalent to 6-22-197E-B)" in Note 10
- Revised 6-22-197E into 6-122-197E-A and 6-22-197E-B
- Updated 6-22-197E-B as removable bollard

6-22-198 – Ultra Service Park Precast Concrete Foundation

Effective 03/27/2017 Below are the updates:

- Added "All protective barriers must be removable bollards (constructed as or equivalent to 6-22-198E-B)" in Note 10
- Revised 6-22-198E into 6-122-198E-A and 6-22-198E-B
- Updated 6-22-198E-B as removable bollard

6-09-192 – 12kV 3-Phase Service Interrupter Switch on Customer-Owned Pole (Overhead Supply to Underground)

Effective 01/16/2017 Below are the updates:

- Renamed section from "Customer Reference Specification - 12kV 3-Phase Service Fused Interrupter Switch on Customer-Owned Pole" to "Customer Reference Specification - 12kV 3-Phase Service Interrupter Switch on Customer-Owned Pole (Overhead Supply to Underground)"
- Added statement on referring to CRS 6-09-199
- Replaced Note 9 on fuse sizing with reference to Point of Contact document
- Added Note 10 for switch handle requirements
- Added Note 11 for requirements for Customer Main Switch
- Updated BOM

6-09-194 – 12kV 3-Phase Service Interrupter Switch on Customer-Owned Pole (Overhead Supply to Overhead)

Effective 01/16/2017 Below are the updates:

- Renamed section from "Customer Reference Specification - 12kV 3-Phase Service Fused Interrupter Switch on Customer-Owned Pole" to "Customer Reference Specification - 12kV 3-Phase Service Interrupter Switch on Customer-Owned Pole (Overhead Supply to Overhead)"
- Added statement on referring to CRS 6-09-196 and 6-09-197
- Replaced Note 10 on fuse sizing with reference to Point of Contact document
- Added Note 11 for requirements for Customer Main Switch
- Updated BOM

6-09-195 – 7.2kV Single Phase Service Interrupter Switch on Customer-Owned Pole (Overhead Supply to Overhead or Underground)

Effective 01/16/2017 Below are the updates:

- Renamed section from "Customer Reference Specification - 7.2kV Single Phase Service Fused interrupter Switch & Metering on Customer-Owned Pole" to "Customer Reference Specification - 7.2kV Single Phase Service Interrupter Switch on Customer-Owned Pole"
- Added statement on referring to CRS 6-09-200
- Replaced Note 9 on fuse sizing with reference to Point of Contact document
- Added Note 10 for switch handle requirements
- Added Note 11 for requirements for Customer Main Switch
- Updated BOM

6-09-196 - 12kV 3-Phase Service Metering on Customer-Owned Pole (Overhead Supply to Overhead)

Effective 01/16/2017. Below are the updates:

- Added "(Overhead Supply to OH)" to section title
- Added statement on referring to CRS 6-09-194
- Added Note 5 on reference to Point of Contact document
- Updated phase to phase minimum clearance in Figure 6-09-196-A from 18" to 13"
- Updated metering equipment position in Figure 6-09-196-B from source side to load side
- Updated CTs and PTs position in Figure 6-09-196-C

6-09-197 - 12kV 3-Phase Service Metering on Customer-Owned Pole (Overhead Supply to Underground)

Effective 01/16/2017. Below are the updates:

- Added "(Overhead Supply to UG)" to section title
- Added statement on referring to CRS 6-09-194
- Added Note 8 on reference to Point of Contact document
- Updated BOM
- Updated Figures 6-09-1979-A, B, & C

6-09-199 - 3-Phase, 4 Wire WYE 7,200/12,470V Service Termination and Metering Compartments in Customer Owned Switchgear

Effective 01/16/2017. Below are the updates:

- Removed "Installation Instructions for" from section title
- Changed "service entrance fused disconnect to "service entrance disconnect" in Note 1
- Removed junction box from Note 10. BOM, and Figure 6-09-199-B
- Added maximum conductors per phase per bus bar in Note 7
- Corrected phase reference from "8" to "B" in Note 15
- Updated page references for Point of Contact document in Note 15
- Replaced Note 20 on fuse sizing with reference to Point of Contact document

6-09-200 - 7.2kV Single Phase Service Metering on Customer-Owned Pole (Overhead Supply to Overhead or Underground)

- 01/16/2017 Added New Section

6-10-165 – Customer-Owned Street Lighting Systems

Effective 01/02/2017 Below are the updates:

- Support and support bracket Note 1: Changed minimum Class 5 to minimum of Class 3
- General Note 1: removed NEC reference
- General Note 11: added customer owned structures
- Specific Note 4: removed #TRON- from Bussman P/N
- Customer Responsibilities Note 5: removed #TRON- from Bussman P/N
- Figure 6-10-165-C, set to “Not for New Construction”
- Figure 6-10-165-D, removed “Not for New Construction” from Figure
- Figure 6-10-165-C & D, Customer Responsibilities Note 5: removed the NEC reference
- Revised Pole to Class 3 from Class 5 in Support and Support Bracket notes
- Added Note 19 to General notes Section
- Added Note 6 to Specific Notes: Power Supply & Equipment Figures 6-10-165-A and 6-10-165-B Section

Customer Reference Specifications - List of Changes – 2016

6-15-160 – Customer Installed Precast Manhole

07/11/2016 Replaced with this spec from 10/30/2015, the one posted on site was from 11/15/2012. Below are the updates:

- Customer is responsible to install PPL Standard equipment per PPL Specification
- Pulling lines should only be used to enable installing adequate rope
- Drawings updated to include locking manhole cover
- Updated loading rating to H-25

Customer Reference Specifications - List of Changes – 2015

6-10-165 – Requirements for Service to Customer-Owned Street Lighting Systems Served Under Rate Schedule SE

11/06/2015 Replaced with this spec from 11/06/2015, the one posted on site was from October 31, 2015.

6-19-100 – Customer Low-Voltage Switchboards Service Cable Terminal Compartment Arrangements and Clearances

07/27/2015 Replaced with this spec from 3/31/2015, the one posted on site was from August of 2013.

6-09-196 – 12kV 3-Phase Service Metering on Customer-Owned Pole. Overhead Supply to Overhead

- 04/10/2015 Bill of Material item #3 moved to Material Supplied by Customer and changed to a minimum class size 3 pole. Updated items 13, 14 and 15.

6-09-197 – 12kV 3-Phase Service Metering on Customer-Owned Pole. Overhead Supply to Underground

- 04/10/2015 Bill of Material item #3 changed to a minimum class size 3 pole.

6-15-160 – Customer Installed Precast Manhole

- 04/23/2015 Revised to follow Distribution Construction Specification formatting – Effective Date: 11/15/2012. Previous update 05/02/2005.

6-15-180 – Customer Installed Duct System

- 04/23/2015 Revised to follow Distribution Construction Specification formatting – Effective Date: 11/15/2012. Previous update 03/19/2010.

6-19-133 – Installation of 120/240 Volt Single-Phase Underground Lateral Sharing a Trench with Other Utilities (Joint Trench)

- 04/10/2015 Service lateral conduit up to the 90 degree elbow is now furnished and installed by the customer and maintained by PPLEU. (This is shown in Figure 6-19-133-A and figure Notes 7 and 8.)

6-19-134 – Requirements for Trenching and Backfilling by Customer for 120/240 V Underground Service Laterals Installation in a Trench with only Electric Lines (Non-Joint Trench)

- 04/10/2015 Service lateral conduit up to the 90 degree elbow is now furnished and installed by the customer and maintained by PPLEU. (This is shown in Figure 6-19-134-A and figure Notes 6 and 7.)

Customer Reference Specifications - List of Changes – 2014

6-09-100 – 12kV 3-Phase Service-Electronic Controlled Recloser on Customer-Owned Pole. Overhead Supply to Overhead

- 03/06/2014 Updated to new document format.

6-09-192 – 12kV 3-Phase Service Interrupter Switch on Customer-Owned Pole. Overhead Supply to Underground

- 03/06/2014 Updated to new document format. Limited fuse size to 175E for customer load, (Note 9 and Bill of Material). Revised Note 8 to require 2/0 copper wire instead of #2 AWG.

6-09-193 – 12kV 3-Phase Service Fused Interrupter Switch & Metering on Customer-Owned Pole. Overhead Supply to Overhead

- 03/06/2014 Updated to new document format. Limited fuse size to 175E for customer load, (Note 6 and Bill of Material).

6-09-194 – 12kV 3-Phase Service Fused Interrupter Switch on Customer-Owned Pole. Overhead Service to Overhead

- 03/06/2014 Updated to new document format. Limited fuse size to 175E for customer load, (Note 10 and Bill of Material).

6-09-195 – 7.2kV Single Phase Service Fused Interrupter Switch & Metering on Customer-Owned Pole. Overhead Supply to Overhead or Underground

- 03/06/2014 Updated to new document format. Limited fuse size to 175E for customer load, (Note 9 and Bill of Material).

6-09-196 – 12kV 3-Phase Service Metering on Customer-Owned Pole. Overhead Supply to Overhead

- 03/06/2014 Updated to new document format. Revised for use of cluster mount bracket. Ground wire changed from #4 and #6 AWG to 2/0 copper in Bill of Material.

6-09-197 – 12kV 3-Phase Service Metering on Customer-Owned Pole. Overhead Supply to Underground

- 03/06/2014 Updated to new document format.

6-09-198 – 12kV 3-Phase Service Instrument Transformer Arrangement in Customer-Owned Transformer Vault or Enclosure. Underground Supply

- 03/06/2014 Updated to new document format.

6-09-199 – Installation Instructions For 3-Phase, 4 Wire WYE 7,200/12,470V Service Termination and Metering Compartments In Customer-Owned Switchgear. Underground Supply

- 03/06/2014 Updated to new document format. Sheet number references changed to drawing number references. Limited fuse size to 175E for customer load, (Note 20).

6-18-115 – Installation Instructions For Customer-Installed Conduit Systems on PPL Terminal Poles. Riser Attachment Location On Poles Near Roadways (With or Without Curb), Location Must Be Approved by PPL

- 03/06/2014 Updated to new document format. Sheet number references changed to drawing number references.

6-10-165 – Requirements for Service to Customer-Owned Street Lighting Systems Served Under Rate Schedule SE

- 10/31/2014 Additional Notes were added to Specific Notes: “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,” on page 88 of 98
    - Addition to Sketch 6-10-165 G a Side View perspective of Zones A - D on page 96 of 98 and
    - Addition of Sketch 6-10-165 H a Front View perspective of Zones A - D on page 97 of 98
- 01/15/2014 Additional Notes were added to sketches 6-10-165A & B for clarification.

6-19-100 – Customer Low-Voltage Switchboards Service Cable Terminal Compartment Arrangements and Clearances

- 08/30/2013 General revision and updated to new document format

6-19-133 – Installation of 120/240 Volt Single-Phase Underground Lateral Sharing a Trench with Other Utilities (Joint Trench)

- 08/30/2013 General revision and updated to new document format. Clarified wording for customer's requirements and responsibilities. Updated the drawings.

6-19-134 – Requirements for Trenching and Backfilling by Customer for 120/240 V Underground Service Laterals Installation in a Trench with only Electric Lines (Non-Joint Trench)

- 08/30/2013 General revision and updated to new document format. Clarified wording for customer's requirements and responsibilities. Updated the drawings.

Customer Reference Specifications - List of Changes - 2012

6-09-100 12kV 3-Phase Service – Electronic Controlled Recloser – On Customer Owned Pole

- 7/25/2012 Added to Customer Reference Specifications dated 6/25/2008

6-10-165 Outdoor Lighting - Requirements for Service to Customer-Owned Street Lighting Systems Served Under Rate Schedule SE

- 10/31/11 Sheet 1-16
    - Updated wordings of general notes and updated numbers in Sheets 2 and 3.
    - Updated last paragraph in Sheet 4.
    - Updated sheet numbers in Sheet 5.
    - Updated figure and sheet number in Sheet 6.
    - Updated last paragraph and figures number on Sheet 7.
    - Updated sheet numbers in Sheet 8.
    - Updated figure and sheet number in Sheet 9.
    - Updated diagram label in Sheet 10.
    - Updated diagram label in Sheet 11.
    - Updated diagram clearance in Sheet 12.
    - Updated figure number and updated diagram in Sheet 13.
    - Updated diagram label and dimensions. Updated format in Sheet 15.
    - Updated figures, number and fonts.

Customer Reference Specifications - List of Changes - 2011

6-09-194 Overhead Service to Overhead

- 09/08/11 Sheet 1
  - Made into formal title page, content now starts on Sheet 2.
  - Added statement, specifying CRS 6-09-194 is part of the Rules for Electric Meter and Service Installation (REMSI) Website.
- 09/08/11 Sheet 2
  - Split Note 1 into Note 1 and 2.
  - Re-numbered notes accordingly.
  - Updated new Note 4 - ground wire comes from the lightning arrestor cross arm.
- 09/08/11 Sheet 3
  - Updated Bill of Material to meet current requirements.
- 09/08/11 Sheet 4
  - Updated Bill of Material to meet current requirements.
- 09/08/11 Sheet 5
  - Updated drawing notes to match Bill of Material changes.
- 09/08/11 Sheet 6
  - Updated drawing notes to match Bill of Material changes.
- 09/08/11 Sheet 7
  - Metering Compartment Drawing - added references to Note 18 and Note 19.
  - Removed Detail B. Terminal block is to be attached to neutral bar; previously terminal block was attached to the side of the termination compartment.
  - Updated minimum working clear space in front of metering compartment to 9' 0" from 5' 0".

6-09-199 Installation Instructions For 3-Phase, 4 Wire WYE 7,200/12,470V Service Termination and Metering Compartments in Customer-Owned Switchgear

- 09/08/11 Sheet 5
  - Bill of Material item 3 updated.
- 09/08/11 Sheet 7
  - Updated drawing - VT's to be mounted on shelf instead of on back of metering compartment.

6-14-121 Requirements for Trenching and Backfilling by Developer/Customer for Primary and Secondary Installation in a Trench with Only Electric Lines (Non-Joint Trench)

- 09/08/11 Sheet 1
  - Updated title.
  - Made into formal title page, content now starts on Sheet 2.
  - Added statement, specifying CRS 6-14-121 is part of the Rules for Electric Meter and Service Installation (REMSI) Website.
- 09/08/11 Sheet 2
  - Added reference to CRS 6-15-180.
  - Updated information in Note 2.
- 09/08/11 Sheet 4
  - Added flow-able fill as a select backfill option
- 09/08/11 Sheet 5
  - Notes expanded to Sheet 5, all pages from this point forward were renumbered accordingly.
- 09/08/11 Sheet 6
  - Updated drawing notes and added more detail on dimensions.
- 09/08/11 Sheet 7
  - Updated drawing for content and clarity.

6-14-122 Requirements for Trenching and Backfilling by Developer/Customer for Primary and Secondary Installation in a Trench with Electric and/or Gas, Telecommunication Lines (Joint Trench)

- 09/08/11 Sheet 1
  - Updated title.
  - Made into formal title page, content now starts on Sheet 2.
  - Added statement, specifying CRS 6-14-122 is part of the Rules for Electric Meter and Service Installation (REMSI) Website.
- 09/08/11 Sheet 2
  - Added reference to CRS 6-15-180.
  - Updated information in Note 2.
- 09/08/11 Sheet 4
  - Added flow-able fills a select backfill option.
- 09/08/11 Sheet 5
  - Notes expanded to Sheet 5, all pages from this point forward were renumbered accordingly.
- 09/08/11 Sheet 6
  - Updated drawing notes and added more detail on dimensions.
- 09/08/11 Sheet 7
  - Updated drawing for content and clarity.
- 09/08/11 Sheet 8
  - Updated drawing for content and clarity.
- 09/08/11 Sheet 9
  - Updated drawing for content and clarity.

REMSI RULES - List of Changes - 2020

Rule 19 – 07/16/2020

Added the following to **b. Inspections and approvals**: meter and/or service tampering or involved in theft of service

REMSI RULES - List of Changes - 2019

Rule 28 – 4/04/2019

Throughout the rule replaced **Customer Owned Generation** with **Distributed Energy Resources (DER)** and other edits for clarity.

Rule 34 – 3/23/2019

- In the last sentence of the Fast Track Program section **'approved'** was replaced with **'specified'** and **removed the words 'provided by PPL EU.'**
- **Removed 'd. Approved Connectors'** section.

REMSI RULES - List of Changes - 2018

Rule 5 – 12/11/2018

Added last sentence under e. 'Service entrance cable or conductors shall not be concealed.'

Rule 14 – 07/20/2018

- **Removed the eighth row of the Self-Contained Meter Table--Meter: Class 320, Phase: 1, Voltage: 240/480, Service Size: 400A** in the Self-Contained Meter Table
- **Removed "480 volt self-contained an additional circuit breaker must be installed on the line side of the meter base.**" of c. Location of Meter Base and Service Disconnect

Rule 12 – 06/01/2018

- **Added the following wording under f in the second paragraph**: with the exception of a pre-approved collar device

REMSI RULES - List of Changes - 2017

Rule 14 – 12/11/2017

- **Removal of Bolt-in style and 480 voltage Self-Contained Metering.**

Rule 5 – 12/08/2017

- **Updated wording under g. Conductor(s) with Higher Voltage to Ground for 3 Phase, 4 Wire, 120/240 Volt Delta Service.** In the first paragraph "instrument transformer cabinet (CT cabinet)" was added. In the second paragraph 'self-contained' was added as well as the last sentence in the paragraph.

REMSI RULES - List of Changes - 2015

Rule 2 – 05/20/15

- **Removed 120/240V 4-wire delta from "Standard Service Voltages and placed under "Non-Standard Service Voltages."**
- **Removed 480V 3-wire delta from "Standard Service Voltages" and placed under "Non-Standard Service Voltages."**
- **Reworded notes 4 and 5.**

REMSI RULES - List of Changes - 2014

Rule 19 – 12/11/14 **Section B, added list of when an electrical inspection is required.**

Rule 15 – 02/27/14 **Section E, Switchgear, changed screen door to height door(s).**

Rule 7 – 02/10/14 **Section E, added statement about 175E fusing.**

Rule 8 – 02/10/14 **Section A (3), added statement about 175E fusing.**

REMSI RULES - List of Changes - 2013

Rule 2 – 06/26/13 – **Under note 4 removed sentence: "Delta served load shall be limited to those loads which can be provided by an open Wye-open delta transformer bank."**

Rule 3 – 06/26/13 – **Under section d, added sentence: "Customer owned transformer banks configured as grounded wye primary and closed delta secondary shall not be connected to the PPL EU system without prior approval from PPL EU".**

Rule 1 – 03/18/13 – **Replaced "h" 2nd paragraph with "The customer pays the fully allocated cost of any primary or secondary facilities needed to serve the additional points of delivery."**

Rule 19 – 03/18/13 – **Added to "b" 3rd paragraph 1st sentence "Inspection cut-in cards must be received at the local PPL EU office before any service request job can be scheduled."**

Rule 2 – 02/05/13 – **Removed wording from Note 4, "On underground residential distribution services."**

Rule 16 – 02/05/13 – **Section F – added conditions for PPL EU to waive the requirement for a termination compartment.**

REMSI RULES - List of Changes - 2012

Rule 2 – 10/11/12 – **Revised Rule 2c (residential service), requiring approval for voltages above 120/240 and requiring instrument transformers for the higher voltages.**

Rule 5 – 10/11/12 – **Revised Rule 5g, specifying where to connect high leg conductors in instrument transformer cabinets.**

REMSI RULES - List of Changes - 2011

Rule 1 - 07/29/11

- **Edited Rule 1h**
- **Added Rule 1i**
- **Re-lettered rule accordingly**

Rule 2 – 03/04/11

- **Section B added, following sections re-lettered.**
- **Sections E and F (Formerly D and E) revised**.
- **Note 6 Revised.**

Rule 6 – 10/26/11

- **Section B title updated**
- **Section C title updated and added last two paragraphs detailing rear lot service requirements**

Rule 11B – 10/26/11 **Section E added last paragraph detailing rear lot service requirements**

Rule 12

- 07/29/11 **Added Section J - Grounding**
- 03/04/11 **Section F revised.**

Rule 13 – 10/26/11

- **Section B added exception meter height in flood area**
- **Section C added exception indoor location in flood area**

Rule 15

- 08/12/11 **Updated to include Sketch 8D and** Sketch 16 Series
- 03/04/11 Corrected terminology

Rule 18 – 08/12/11 **Updated to include Sketch 8D and Sketch 16 Series**

Rule 19 - 10/26/11 **Section G added, re-lettered cut-in card Section H**

07/29/11

- **Updated Section B**
- **Inserted Section C - Inspection Exemption - Railroad Not Covered in NEC**
- **Re-lettered rule accordingly**
- **Updated Cut-In-Cards**

Rule 25A – 7/29/11 **Updated wording in 25A(a)(1) to remove requirement of installation and annual maintenance fees on demand pulse contracts.**

Definitions – List of Changes - 2011
10/26/11 **– Added / revised the following definition:** o **Roadway** 03/04/11 **– Added / revised the following definitions:** o **Current Transformer Mounting Bridge** o **Foreign Energy Source** o **Junction Box** o **Metering Equipment** o **Point of Interconnection** o **Renewable Energy Source** o **Service Termination Compartment**

Approved Metering and Equipment Tables - List of Changes - 2020	
9/04	Milbank Model Number changed from U3939 to U3939-X on **Approved Meter Service Devices-Table 2**
9/04	Added Catalog # 1008543 to Eaton, GE, Midwest, Schneider/Square D, at Mfg's request, on **Approved Meter Service Devices-Table 4**
6/10	Added NJ Sullivan (K&S/MECO are no longer in business) to **Approved Instrument Transformer Cabinets Table 3, Table 4, Table 5 and Table 6.**
5/21	Added a new list of Manufacturers and Model Numbers to the **Solar Inverters**
5/13	**Approved Switchgear Metering & Termination Compartments-Table 3** Eaton/Cutler Hammer added: • PPL MVS Metering-1 Sheet 003 NEMA 1R (indoor) • PPL MVS Metering-3 Sheet 003 NEMA 3R (outdoor)
5/13	**Approved Switchgear Metering & Termination Compartments-Table 3** Square D added the following termination compartments: • UTL-00000-00014, added per Square D request, new design • UTL-00000-00016, added per Square D request, new design Square D updated the following compartments: • UTL-00000-00001, revision update per Square D • UTL-00000-00013, revision update per Square D
04/29	Added a new list of Manufacturers and Model Numbers to the **Solar Inverters**
04/07	Added a new list of Manufacturers and Model Numbers to the **Solar Inverters**
03/30	**Approved Switchgear Metering and Termination Compartments-Table 3** Under Eaton/Cutler Hammer added: • PPL MVA Metering-1 Sheet 003, NEMA 1R (indoor) • PPL MVA Metering-3 Sheet 003, NEMA 3R (outdoor)
02/25	Added a new list of Manufacturers and Model Numbers to the **Solar Inverters**
02/20	**Approved Meter Service Devices-Table 11**—Added RS-43308C and RS-45508C under Midwest
02/04	**Added 'Referencing Sketch 16 and Sketch 16A'** to add clarity to Pad Mounted Metering and Service Termination Cabinet Table 1.
01/21	**Removed Cutler-Hammer and added Eaton / Cutler-Hammer** to Switchgear Metering & Termination Compartments Table 3

Approved Metering and Equipment Tables - List of Changes - 2019	
10/25	**Added a new list of Manufacturers and Model Numbers** to the Solar Inverters
10/23	**Added a new list of Manufacturers and Model Numbers** to the Solar Inverters
10/16	Manufacturer and Catalog U2732-XT-K7 was the replacement for S-9098 on **Approved Metering and Equipment Table 6**
09/03	**Added a new list of Manufacturers and Model Numbers** to the Solar Inverters
08/26	**Pad Mounted Metering and Service Termination Cabinet-Table 1** – Added Mfg Part No. column.
08/07	**Pad Mounted Metering and Service Termination Cabinet-Table 1** - East Coast Panelboard (first listed) - Changed drawing number from PPL-2000A-16-3R to S-0004-000029-00 and Revision number from F to G.
08/07	**Meter Service Devices-Table 2 -** Removed Catalog #1004884A-SQD under Square D
04/02	**Added a new list of Manufacturers and Model Numbers** to the Solar Inverters
02/08	**Automatic Transfer Switches Open-Transition** **Asco:** Added (4ADTS)-Delayed to the 4000 series (4ATS)

Approved Metering and Equipment Tables - List of Changes - 2018	
11/15	**Added new list of Manufacturers and Model Numbers** to the Solar Inverters
10/11	**Added new list of Manufacturers and Model Numbers** to the Solar Inverters
07/05	**Added new list of Manufacturers and Model Numbers** to the Solar Inverters
07/02	**Automatic Transfer Switches – Open Transition** – GE Zenith added series after RTS and added RXS series
07/02	**Added new list of Manufacturers and Model Numbers** to the Solar Inverters
06/29	**Automatic Transfer Switches – Open Transition** – Added 3ATS, 3ADTS, 03NTS, 3NDTS after Asco 300 series
06/26	**Added new list of Manufacturers and Model Numbers** to the Solar Inverters
06/07	**Added new list of Manufacturers and Model Numbers** to the Solar Inverters
05/01	**Approved Switchgear Metering and Termination Compartments – Table 1** - Removed Reference to Square D: 43-0036-202 APPR J and 43-0036-202 AUX F. Replaced Square D Drawing 115EE3600P0H00 Page 2 and Page 1 Rev. 0.
04/13	**Added new list of Manufacturers and Model Numbers** to the Solar Inverters
03/09	**Added new list of Manufacturers and Model Numbers** to the Solar Inverters
02/16	**Approved Automatic Transfer Switches** – Added Cummins RA Series
01/25	**Added new list of Manufacturers and Model Numbers** to the Solar Inverters

Approved Metering and Equipment Tables - List of Changes - 2017	
12/12	**Removal of Metering Types from Approved Meter Service Devices from**: Table 1 – 600 Amps (CI 480) (Bolt-in metering); Removal of Note 7 – 480 V Meter Bases Table 2 – 600 Amps (CI 480) (Bolt-in metering); Removal of Note 10 – Class 480 V Meter Bases Table 3 and 4 - 600 Amps (CI 480) (Bolt-in metering); Removal of Note 9 – Class 480 V Meter Bases Tables 8 and 9 – 600 Amps (CI 480) (Bolt-in metering)
11/16	**Approved Automatic Transfer Switches –** Added new Automatic Transfer Switches – Closed Transition Make-Before-Break
11/15	**Added new list of Manufacturers and Model Numbers** to the Solar Inverters

Approved Metering and Equipment Tables - List of Changes - 2016	
08/02	**Approved Automatic Transfer Switches –** Added Global Power Products – GenerLink (Meter Collar) descriptions for each model number
07/26	**Approved Automatic Transfer Switches –** Added 071095 (DirectPower Meter Mounted) to Briggs and Stratton. **Approved Automatic Transfer Switches –** Added Global Power Products – GenerLink (Meter Collar) MA 23-N, MA23-S, MA24-N, MA24-S
04/22	**Added new Equipment Table for 12kV Customer Main Switches**
02/21	**Added Statement to Approved Connector List for Sketch #49** Distribution Block Connectors when used for Service Drop connections to service entrance conductors shall be covered to avoid inadvertent contact. Except the neutral connection of service cable assemblies may be bare.

Approved Metering and Equipment Tables - List of Changes - 2015	
09/21	**Added new Equipment Table for Solar Inverters and Inverter Guide** is embedded link for further explanation.
09/09	**Approved Meter Services Devices – Table 10 –** Added **ONLY** to Table heading for clarity - MOBILE HOME METER PEDESTALS **ONLY**
05/11	**Approved Switchgear Metering and Termination Compartments - Table 2** Update Square D Termination Compartment drawing # 43-0036-203 AUX to Rev D
03/02	**Approved Switchgear Metering and Termination Compartments - Table 1** Update Square D Metering Compartment drawing # 43-0036-202 APPR to Rev J Update Square D Termination Compartment drawing # 43-0036-202 AUX to Rev F

Approved Metering and Equipment Tables - List of Changes - 2014	
05/28	**Approved Pad Mounted Metering and Termination Cabinets - Table 1 -** Added Manufacturer and new drawing # PPL-2000A-16-3R, Rev. F Added new Model drawing # PP-S600-16A-480 (3200A), Rev. 01
05/06	**Approved Switchgear Metering and Termination Compartments - Table 2 –** Updated Square D Switchgear Drawing # 43-0036-203 APPR to Revision H
04/28	**Approved Switchgear Metering and Termination Compartments - Table 3 –** Updated PowerCon Switchgear Drawing # D-12560 to Revision 1

Approved Metering and Equipment Tables - List of Changes - 2013	
12/10	**Approved Automatic Transfer Switches –** Added KCS series to Kohler.
11/21	**Approved Automatic Transfer Switches –** Added Briggs and Stratton.
08/15	**Approved Meter Services Devices – Table 5 –** Milbank New Approval for ALL 5th Terminal Accessories listed.
07/31	**Approved Meter Services Devices – Table 4 –** Removed Eaton/Cutler Hammer 1004138A-CH, Durham 1004138A, and Square D 1004138A-SQD. All Not useable for U.G.
05/28	**Approved Switchgear Metering & Termination Compartments - Table 3 –** Added PPL1215 revision 9 and PULL1215 revision 5.
04/16	**Approved Switchgear Metering & Termination Compartments - Table 3 –** Added PP-S466 revision 5.
03/20	**Approved Pad Mounted Metering and Termination Cabinet – Table 1** – Added PP-S600-16-480 revision 5.
03/04	**Approved Automatic Transfer Switches –** Added KCP to Kohler.
02/20	**Approved Pad Mounted Metering and Termination Cabinet – Table 1** – Added manufacturer and new drawing PP-S600-16-480.
01/25	**Approved Switchgear Metering & Termination Compartments – Table 3 –** Added Federal Pacific as a manufacturer. Added new drawing D38-2228-001.
01/17	**Approved Automatic Transfer Switches –** Added (C) to indicate a change
01/07	**Approved Meter Services Devices – Table 1, 2, 3, and 4 –** Added Talon (formerly Landis & Gyr) Name Change

Approved Metering and Equipment Tables - List of Changes - 2012	
11/12	**Approved Meter Services Devices – Table 5 –** Added Talon (formerly Landis & Gyr) New Design (Catalog# UA3B11-0PZA) **Approved Meter Services Devices – Table 7 –** Added Siemens WP and WPL Series **Approved Meter Services Devices – Table 11 –** Added Talon (formerly Landis & Gyr) New Model (Catalog# LG0816B1400RLT) and Siemens New Model (Catalog# MM0202S1200RJB)
06/28	**Approved Switchgear Metering & Termination Compartments - Table 3 -** Added Park as a manufacturer. Added new drawing PPL-1. Updated Square D Drawings UTL-00000-00001 Issued Revision D. Updated Square D Drawings UTL-00000-00004 Issued Revision C. Updated Square D Drawings UTL-00000-00005 Issued Revision C. Updated Square D Drawings UTL-00000-00007 Issued Revision C. Updated Square D Drawings UTL-00000-00010 Issued Revision C. Updated Square D Drawings UTL-00000-00001 Issued Revision C. Added new drawing to Square D UTL-00000-00013.
06/05	**Approved Switchgear Metering & Termination Compartments – Tables 1 and 2 –** Issued Revision 14 for Eaton/Cutler Hammer, Drawing # 42C1054.
05/03	**Approved Meter Services Devices – Table 9 –** Added 400 AMP Catalog # for Cutler Hammer 37MM140R1240 and 37MM240R1240
01/05	**Approved Meter Services Devices - Table 11 –** Revised Catalog # for Midwest, R-100C with MSBN1A and RS 250C with MSBN1A. Added New Model R-102CB2 with MSBN1A

Approved Metering and Equipment Tables - List of Changes - 2011	
04/13	**Approved Meter Services Devices - Table 11 -** Added Eaton to name: Eaton/Cutler Hammer. Added New Approvals Catalog #ECP511B Series, and #ECP521B Series
04/20	**Approved Switchgear Metering & Termination Compartments - Table 1 -** Added Eaton to name: Eaton/Cutler Hammer. Updated Drawing # 42C1054, Sheets 1, 2, Issued Revision 13
04/20	**Approved Switchgear Metering & Termination Compartments - Table 2 -** Added Eaton to name: Eaton/Cutler Hammer. Updated Drawing # 42C1054, Sheets 1, 2, Issued Revision 13
05/31	**Approved Instrument Transformer Cabinets - Table 6 -** Added PENN PANEL as a manufacturer. Added new catalog listing PPL-724812.
08/12	**NEW TABLE – Pad Mounted Metering and Termination Compartment Table**
08/12	**NEW TABLE – Connector Table**

Utility Reference Specifications - 2020	
05/05	**6-01-140 - Requirements for the Attachment of Communication Cable Facilities on PPL Poles** Changes for 6-01-140 Rev 12

Utility Reference Specifications - 2019	
03/26	Utility Reference Specification is a new section with the below references added: • 6-01-140 - Requirements for the Attachment of Communication Cable Facilities on PPL Poles • 6-01-145 - Requirements for the Attachment of Gas Company Facilities on PPL Company Poles • 6-01-160 – Foreign Antenna General Requirements and Installation • 6-01-170 – Foreign Banner and Non-Cable Attachment Requirements

09/2020