

COMMONWEALTH OF PENNSYLVANIA
PUBLIC UTILITY COMMISSION

Scott Sidle,
v.
PPL Electric Utilities
Corporation

Docket No.:
C-2022-3032338

Initial Call-In
Telephonic Hearing

Pages 1 - 114

Judge's Chambers
State Office Building
801 Market Street
Philadelphia, PA

Wednesday, August 24, 2022
Commencing at 10:02 a.m.

BEFORE:

CHRISTOPHER P. PELL, Administrative Law Judge

APPEARANCES:

SCOTT W. SIDLE, PRO SE

NICHOLAS STOBBE, Esquire
Post & Schell, P.C.
17 North Second Street
12th Floor
Harrisburg, PA 17101-1601
For the Respondent

REPORTER: MICHELE ANN MCGINNIS

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INDEX TO WITNESSES

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

	<u>DIRECT</u>	<u>CROSS</u>	<u>REDIRECT</u>	<u>RECROSS</u>	<u>FURTHER REDIRECT</u>	<u>FURTHER RECROSS</u>
Scott Sidle	13	38	--	--	--	--
Stephen Dahl	45	58	59	--	--	--
April Markley	61	99	--	--	--	--

 Scott Sidle,
 v.
 PPL Electric Utilities
 Corporation

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 C-2022-3032338

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 Telephonic Hearing

Pages 1 - 114

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INDEX TO EXHIBITS

Docket No. C-2022-3032338

Hearing Date: August 24, 2022

<u>NUMBER</u>	<u>FOR IDENTIFICATION</u>	<u>IN EVIDENCE</u>
Respondent's Exhibit SD-1	47	106
Single Phase Project		
Respondent's Exhibit SD-2	53	106
Herbicide		
Respondent's Exhibit AM-1	63	106
Diagram of Line		
Respondent's Exhibit AM-2	69	106
Aerial Photograph		
Respondent's Exhibit AM-3	79	106
Construction Order		

 Scott Sidle,
 v.
 PPL Electric Utilities
 Corporation

Docket No.:
 C-2022-3032338

Initial Call-In
 Telephonic Hearing

Pages 1 - 114

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INDEX TO EXHIBITS (cont.)

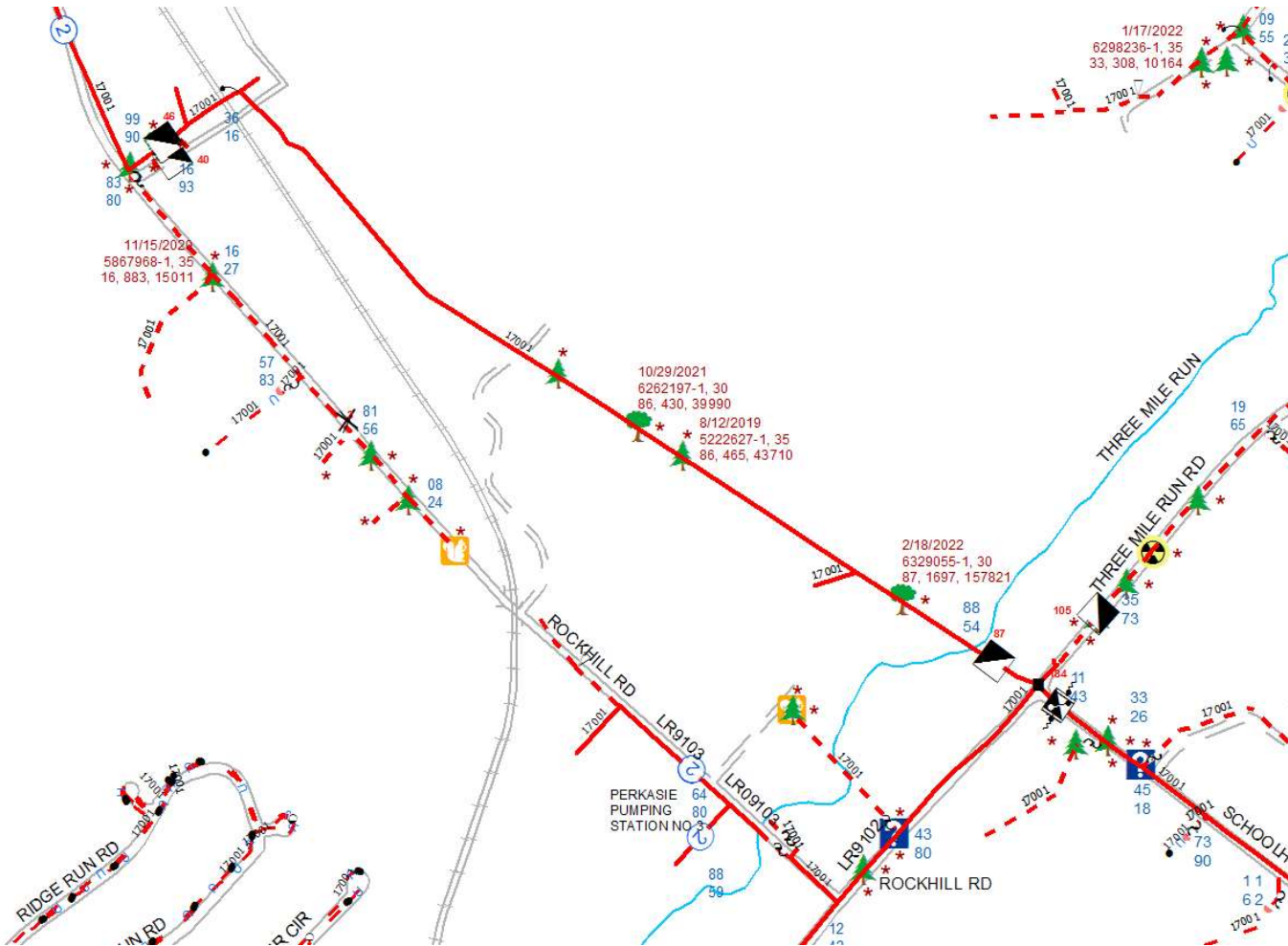
Docket No. C-2022-3032338

Hearing Date: August 24, 2022

<u>NUMBER</u>	<u>FOR IDENTIFICATION</u>	<u>IN EVIDENCE</u>
Respondent's Exhibit AM-4	81	107
Outages Report		
Respondent's Exhibit AM-5	87	107
Reliability Project		
Respondent's Exhibit AM-6	89	107
Account		
Complainant's Exhibit 1	32	38
Five Photographs		

PPL ELECTRIC EXHIBIT AM-1





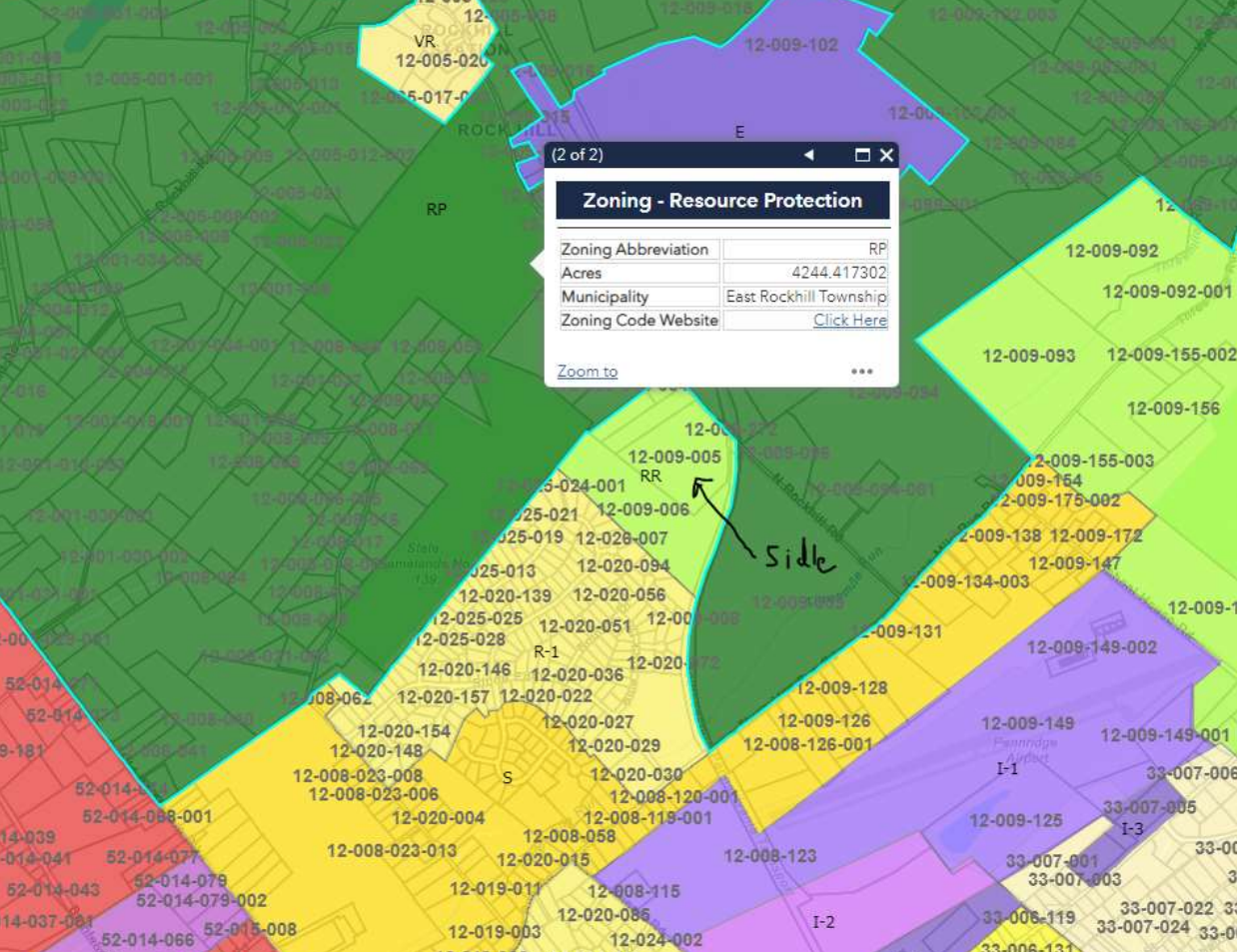
PPL ELECTRIC EXHIBIT AM-2





PPL Electric Exhibit AM-2

2 of 2 Search Map



(2 of 2)

Zoning - Resource Protection

Zoning Abbreviation	RP
Acres	4244.417302
Municipality	East Rockhill Township
Zoning Code Website	Click Here

Zoom to ...

Side

PPL ELECTRIC EXHIBIT AM-3





Designer: DAVE ENGELMAN

CELL: 610-417-2823

DESK:

Design Area: BUXMONT

WO: 58569378

Required Date: JULY 2022

TITLE: REPLACE FUSE LBC WITH TRIPSAVER

Address/Grid: THREE MILE RUN RD & HILL RD, PERKASIE/68073S39221

Site Contact:

Construction Safety Alerts:	Safety Memo
<input type="checkbox"/> ENERGY CONTROL REQUIRED <input type="checkbox"/> REVIEW ONE CALL MARKINGS <input type="checkbox"/> FOREIGN UTILITIES NEARBY <input type="checkbox"/> SPECIAL ACCESS/LIMITED ACCESS <input type="checkbox"/> ABNORMAL EQUIPMENT CONFIGURATION <input type="checkbox"/> ABNORMAL CIRCUIT CONFIGURATON <input type="checkbox"/> AGGRESSIVE WILDLIFE/PETS <input checked="" type="checkbox"/> VERTICAL CONSTRUCTION PRESENT <input type="checkbox"/> OTHER	<p>WEAR PROPER PPE</p>

Job Scope / Construction Notes:

REPLACE FUSE WITH TRIPSAVER AND INSTALL 2 FUSES DOWNSTREAM - SEE CONSTRUCTION DRAWING WITH NOTE

Design Completion Checklist (select those that apply)		
<input type="checkbox"/> Right-of-Way	<input type="checkbox"/> PA-1 Call	<input checked="" type="checkbox"/> Field Review Added
<input type="checkbox"/> Highway Permit	<input type="checkbox"/> Foreign Utility Work	
<input type="checkbox"/> Customer Payment	<input type="checkbox"/> Tree Work	<input type="checkbox"/> Pole Loading Modeled

Construction Order

Description DSPP-68073S39221-17001-1PH-TRIPSAVER
Job address POLE 68073S39221 POLE - 68073S39221
 LEH BUX Buxmont

Date printed 06/02/2022
Scheduled date 06/27/2022
Required in-service 07/31/2022
Contact name

Job Safety Analysis Documents for this Work Request
 STAR: STOP-THINK-ACT-REVIEW

JSA #	Description
-------	-------------

LEH/BUX
Grid #: 68073S39221 Point: 01.00

Action	Hot?	Qty	Span	Acct	CU Code	CU Description	Const Spec #
INSTALL	Y	1	0	C	CAN	ALUM CANNISTER 20IN LG-8IN 0D	6-11-23S3
INSTALL	Y	1	0	C	GW3-8SPL	SPLICE GUY WIRE 3-8 FOR ANCH GUY	
INSTALL	Y	1	0	C	LBCTS337	BYPASS CUTOFF FOR TRIPSAVER	6-11-11
INSTALL	Y	1	0	C	PREP-POLE-C	PREPARE POLE-CONGESTED	
INSTALL	Y	1	0	C	PSI3-8-7	7FT STR INS-PL ATT-FOR 3-8IN GUY	6-02-34 S5
INSTALL	Y	2	0	C	QW-1PH	QUALIFIED WATCHMAN - 1PH	
INSTALL	Y	2	0	C	QW-3PH	QUALIFIED WATCHMAN - 3PH	
INSTALL	Y	1	0	C	REAR-P-SL3A	REARR PRI-STR LN-3 CONDR-ACCESS	
INSTALL	Y	1	0	C	REARR-SEC	REARRANGE SECONDARY AT POLE	
INSTALL	Y	1	0	C	RRB-3PH	RESTRICTIVE RECLOSING BLOCKING FOR WORK ON 3PH LINES	
INSTALL	Y	1	0	C	SDB139334	SOLID DISCONNECT BLADE -LBU II	
INSTALL	Y	1	0	C	TRIPSVR	SINGLE-PHASE VCR; 15KV, 100A, 6.3KA INTERUPT	6-11-11
INSTALL	Y	1	0	C	TSLEAD	TRIPSAVER LEADS, SINGLE-PHASE VCR; 15KV, 100A, 6.3KA INTERRUPT	6-11-11
INSTALL	Y	1	0	C	WCB-AL-2-1-0-1	WEDGE CONNECTORS W/ BAIL (1X) ALUMINUM OH #2 - #1/0	DCS 6-06
INSTALL	Y	1	0	C	WCB-CU-2-0-1	WEDGE CONNECTORS W/ BAIL (1X) COPPER OH #2/0	DCS 6-06
INSTALL	Y	1	0	M	STENCIL	STENCIL FACILITY WITH GRID NO.	
REMOVE	Y	1	0	C	100K	100K FUSE LINK	
REMOVE	Y	1	0	C	LBC140337P	LD BRK CO-7.8KV 100A-10000A-POLE	6-11-07+9
TRANSFER	Y	1	0	C	GW	GUY WIRE	
TRANSFER	Y	1	0	C	NCONDR	OH NEUTRAL WIRE	

LEH/BUX
Grid #: 68025S39304 Point: 03.00

Action	Hot?	Qty	Span	Acct	CU Code	CU Description	Const Spec #
INSTALL	Y	1	0	C	100K	100K FUSE LINK	
INSTALL	Y	1	0	C	DEI-FLTNG-C	PRI DE INS-FLTNG-CLAMP C-12KV	6-13-18-B
INSTALL	Y	1	0	C	LBC140337P	LD BRK CO-7.8KV 100A-10000A-POLE	6-11-07+9
INSTALL	Y	1	0	C	PREP-POLE	PREPARE POLE-AVERAGE	
INSTALL	Y	2	0	C	PRI-CONN	PRIMARY CONNECTION	
INSTALL	Y	1	0	C	PTI-P-C	POST TYPE INSUL-POLE-CLAMP C	6-13-10-F
INSTALL	Y	3	0	C	QW-1PH	QUALIFIED WATCHMAN - 1PH	
INSTALL	Y	1	0	C	REAR-P-DE1A	REARR PRI-DEAD END-1 CONDR-ACCES	
INSTALL	Y	1	0	C	RRB-1PH	RESTRICTIVE RECLOSING BLOCKING FOR WORK ON 1PH LINES	
INSTALL	Y	3	0	C	TC-C	TRAFFIC CONTROL-COMPLEX - 1 HR/UNIT	
INSTALL	Y	1	0	M	STENCIL	STENCIL FACILITY WITH GRID NO.	
REMOVE	Y	1	0	C	RP	RIDGE PIN + PIN INSUL-12KV	6-13-10-A
TRANSFER	Y	1	0	C	PCONDR-SL1A	PRI WIRE-STR LINE-1 CONDR-ACCESS	

LEH/BUX

Grid #: 67918S39390 Point: 04.00

Action	Hot?	Qty	Span	Acct	CU Code	CU Description	Const Spec #
INSTALL	Y	1	0	C	100K	100K FUSE LINK	
INSTALL	Y	1	0	C	DEI-FLTNG-C	PRI DE INS-FLTNG-CLAMP C-12KV	6-13-18-B
INSTALL	Y	1	0	C	GW3-8SPL	SPLICE GUY WIRE 3-8 FOR ANCH GUY	
INSTALL	Y	1	0	C	LBC140337P	LD BRK CO-7.8KV 100A-10000A-POLE	6-11-07+9
INSTALL	Y	1	0	C	PREP-POLE	PREPARE POLE-AVERAGE	
INSTALL	Y	2	0	C	PRI-CONN	PRIMARY CONNECTION	
INSTALL	Y	1	0	C	PSI3-8-7	7FT STR INS-PL ATT-FOR 3-8IN GUY	6-02-34 S5
INSTALL	Y	1	0	C	PTI-P-C	POST TYPE INSUL-POLE-CLAMP C	6-13-10-F
INSTALL	Y	4	0	C	QW-1PH	QUALIFIED WATCHMAN - 1PH	
INSTALL	Y	1	0	C	REAR-P-DE1A	REARR PRI-DEAD END-1 CONDR-ACCES	
INSTALL	Y	1	0	C	RRB-1PH	RESTRICTIVE RECLOSING BLOCKING FOR WORK ON 1PH LINES	
INSTALL	Y	4	0	C	TC-C	TRAFFIC CONTROL-COMPLEX - 1 HR/UNIT	
INSTALL	Y	1	0	M	STENCIL	STENCIL FACILITY WITH GRID NO.	
REMOVE	Y	1	0	C	RP	RIDGE PIN + PIN INSUL-12KV	6-13-10-A
TRANSFER	Y	1	0	C	GW	GUY WIRE	
TRANSFER	Y	1	0	C	PCONDR-SL1A	PRI WIRE-STR LINE-1 CONDR-ACCESS	
TRANSFER	Y	1	0	M	LWR-ACNC	LOWER AERIAL CBL + NEUTRAL CLMP	6-13-10-K

Completion Details

Crew ID _____ Signature _____ Name _____
 Date _____

Sectionalizing Device - Inventory
Form for all OCRs, oil switched, air breaks

1. Devices removed

Type device OCR OS AB SECT

Serial number _____

2. Devices installed

Substation / Line _____

Device name _____

Device location _____

Type device OCR OS AB SECT

Phase 3 A B C

Size _____

Serial number _____

Manufacturer _____

Type / Model _____

Bypass fuse size (if OCR) _____

New trip center voltage (if OCR) A (or 3 phase) _____ B _____ C _____

Old trip center voltage (if OCR) A (or 3 phase) _____ B _____ C _____

Elec control type _____ Trip resistor size _____

Load check A _____ B _____ C _____

Status Normally open Normally closed

Reclosing blocking device Yes No

Designation sign installed Yes No

Construction Order

Description DSPP-68073S39221-17001-1PH-TRIPSAVER
Job address POLE 68073S39221 POLE - 68073S39221
LEH BUX Buxmont

Date printed 06/02/2022
Scheduled date 06/27/2022
Required in-service 07/31/2022
Contact name

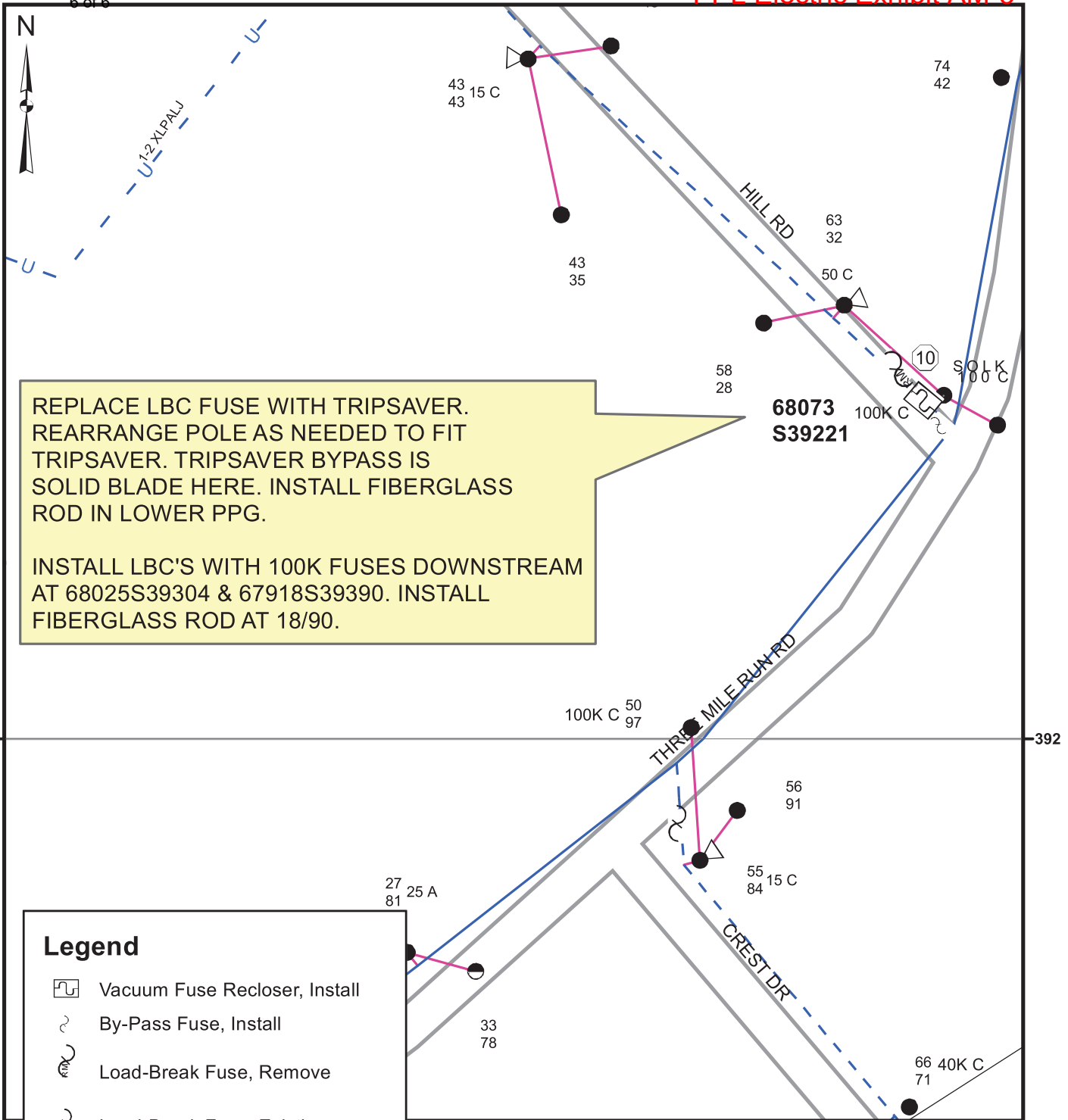
Job Safety Analysis Documents for this Work Request	
STAR: STOP-THINK-ACT-REVIEW	
JSA #	Description

LEH/BUX
Grid #: 68073S39221 Point: 02.00

Action	Hot?	Qty	Span	Acct	CU Code	CU Description	Const Spec #
INSTALL	Y	5	0	C	TC-F-C	TRAFFIC CONTROL-FLAG-CONTRACTOR ONLY - 3 HRS/UNIT	

Completion Details

Crew ID _____ Signature _____ Name _____
Date _____



REPLACE LBC FUSE WITH TRIPSAVER. REARRANGE POLE AS NEEDED TO FIT TRIPSAVER. TRIPSAVER BYPASS IS SOLID BLADE HERE. INSTALL FIBERGLASS ROD IN LOWER PPG.

INSTALL LBC'S WITH 100K FUSES DOWNSTREAM AT 68025S39304 & 67918S39390. INSTALL FIBERGLASS ROD AT 18/90.

Legend

- Vacuum Fuse Recloser, Install
- By-Pass Fuse, Install
- Load-Break Fuse, Remove
- Load-Break Fuse, Existing
- Foreign Owned Pole, Existing
- Wood Pole, Existing
- OH Transformer, Existing
- Primary OH, 1, Install
- Primary OH, 1, Existing
- Primary OH, 3, Existing
- Primary Development, 1, Existing
- Secondary OH, Existing

FEEDER ID: 70 01 - RIDGE ROAD

WO/Design: 58569378/151187	PPL Electric Utilities Corporation Allentown, PA Scope of Work / Construction Details For:	
ER: 288134	EAST ROCKHILL TWP	BUCKS COUNTY
FEEDER# / NAME:	REPLACE FUSE WITH TRIPSAVER	
REGION: LEHIGH	Send copy to System Operator : YES \ NO	
DATE: 6/2/2022	APPROVAL:	DATE:
ENGR: Engelman, David A.	SIGNATURE:	
	DWG. NO.: 58569378C-0	SCALE: NONE

PPL ELECTRIC EXHIBIT AM-4



Trouble Date & Time	Restored Date & Time	Duration	Job Number	Order Description	Cause	Weather Type	Avoidable	Comments
	1/2/2017 17:25	0	3774958-1	NL Order	Momentary	Momentary	Momentary	
	1/23/2017 10:09	187	3780616-1	NL Order	Trees-Trimming Related	2017AA Non-Reportable (Wind)	NO (on Rockhill)	68083S39880, Reclose/Refuse, Limb On Wire
	8/14/2017 16:48	52	3912355-1	NL Order	Trees-Not Trimming Related	Not a Factor	NO (on Rockhill)	Intentional to remove trees at 68101s39855 and 68189s39745
	9/16/2017 1:25	0	3993589-1	NL Order	Momentary	Momentary	Momentary	
	2/17/2018 22:59	522	4109543-1	NL Order	Equipment Failures	Ice/Sleet/Snow	No (Upstream Quarry Tap)	Phase down between 68412s39542 and 68388s39559
	2/17/2018 22:59	0	4109542-1	NL Order	Momentary	Momentary	Momentary	
	3/2/2018 12:04	0	4117063-1	NL Order	Momentary	Momentary	Momentary	
	5/5/2018 6:40	0	4198110-1	NL Order	Momentary	Momentary	Momentary	
	6/28/2018 4:47	0	4232178-1	NL Order	Momentary	Momentary	Momentary	
	7/5/2018 19:22	0	4236402-1	NL Order	Momentary	Momentary	Momentary	
	8/14/2018 1:58	129	4336855-1	NL Order	Trees-Trimming Related	Not a Factor	NO* (rolled up to rockhill OCR)	68099S39890, Reclose/Refuse, Limb On Wire
	11/16/2018 6:18	364	4432603-1	NL Order	Trees-Not Trimming Related	2018AV PUC Reportable (Wind)	Probably (inaccessible)	DMS fault prediction from 68443s39688 or downstream.
	5/19/2019 21:37	0	4630361-1	NL Order	Momentary	Momentary	Momentary	
	5/29/2019 17:15	1030	4637595-1	NL Order	Equipment Failures	2019AJ PUC Reportable	NO* (rolled up to rockhill OCR)	Tree on line near pole 67856S40117 (Rich Hill Rd).
	5/30/2019 19:38	220	4639441-1	NL Order	Animals	2019AJ PUC Reportable		
	8/12/2019 21:17	465	5222627-1	NL Order	Trees-Not Trimming Related	Wind	Probably (inaccessible)	Manual tree crew to remove tree and put wire back up at 68376s39737.
	10/31/2019 22:26	1054	5393254-1	NL Order	Trees-Trimming Related	2019AX PUC Reportable (Wind)	NO* (rolled up to rockhill OCR)	68099S39890, Likely tree on wire on west side of RockHill Rd.
	1/16/2020 18:08	0	5431806-1	NL Order	Momentary	Momentary	Momentary	
5/23/2020 13:45	5/23/2020 13:45	0	5679819-1	NL Order	Momentary	Momentary	Momentary	
8/4/2020 14:06	8/5/2020 15:00	1494	5819036-1	NL Order	Trees-Not Trimming Related	2020-08-04 PUC TRP ISAIAS	NO (on Rockhill)	Vegetation falling on primary. Location respective to Right-of-Way is unknown.
11/15/2020 19:42	11/16/2020 10:25	883	5867968-1	NL Order	Trees-Not Trimming Related	2020-12-16 NRP SNW	NO (on Rockhill)	Vegetation falling on primary from outside Right-of-Way
11/22/2020 23:36	11/22/2020 23:36	0	5913730-1	NL Order	Momentary	Momentary	Momentary	
5/31/2021 5:26	5/31/2021 5:26	0	6158213-1	NL Order	Momentary	Momentary	Momentary	
10/29/2021 12:56	10/29/2021 14:30	94	6261965-1	NL Order	Trees-Not Trimming Related	2021-10-29 PUC WND	NO* (rolled up to rockhill OCR)	Vegetation falling on primary from outside Right-of-Way
10/29/2021 14:48	10/29/2021 21:58	430	6262197-1	NL Order	Trees-Not Trimming Related	2021-10-29 PUC WND	Probably (inaccessible)	Vegetation falling on primary from outside Right-of-Way
11/13/2021 13:23	11/13/2021 23:00	577	6270412-1	NL Order	Trees-Not Trimming Related	2021-11-13 NRP WND	NO* (rolled up to rockhill OCR)	Vegetation falling on primary from outside Right-of-Way Damage at 67904S40125 - crew to open loops at 67814S40108 - will call back with times 2 PH OCR energized at 68099S39890. broken crossarm, 3 spans of neutral down, and tree on wire on primary both phases at 67094s40125. broken cross arm, primary & 3 spans neutral down
12/7/2021 17:11	12/7/2021 18:23	72	6281418-1	NL Order	Trees-Not Trimming Related	2021-12-06 PUC WND	NO* (rolled up to rockhill OCR)	Intentional outage to remove vegetation falling on primary from outside Right-of-Way
2/18/2022 6:20	2/18/2022 6:20	0	6329049-1	NL Order	Momentary	Momentary	Momentary	
2/18/2022 6:22	2/19/2022 10:39	1697	6329055-1	NL Order	Trees-Not Trimming Related	2022-02-19 NRP WND	Probably (inaccessible)	Vegetation falling on primary. Location respective to Right-of-Way is unknown.

PPL ELECTRIC EXHIBIT AM-5





Reliability Project Scoping

Custom ID: SOP-00**

Revision: 01

Effective Date: 08/01/2021

Page 1 of 5

1.0 PURPOSE

- 1.0 To define a standard procedure for scoping reliability improvement projects.
- 1.1 Reliability improvement project is a capital investment in our distribution facilities to improve the reliability in terms of customer minutes interrupted (CMI).

2.0 RESPONSIBILITY

- 2.0 Regional Reliability is responsible for identifying projects, determining magnitude estimates, performing CMI analysis, drafting purpose and necessity (P&N) document, and presenting the projects greater than \$400,000 at distribution planning challenge session.
- 2.1 Distribution Planning is responsible for sponsoring projects of magnitude estimates greater than \$400,000 through the project challenge sessions. Once approved, distribution planning is responsible for finalizing P&N document, opening accounting, budgeting, and ongoing support during execution.

3.0 APPLICABILITY

- 3.0 This procedure applies to all reliability improvement projects greater than \$50,000.

4.0 TERMS AND DEFINITIONS

- 4.0 CMI – Customer Minutes Interrupted
- 4.1 WPC – Worst Performing Circuit
- 4.2 DAIS – Distribution Asset and Investment Strategy
- 4.3 PCA – Proactive Circuit Analysis
- 4.4 P&N – Purpose and Necessity scope document
- 4.5 CWPC – Chronic Worst Performing Circuit
- 4.6 CEMI – Customer Experiencing Multiple Interruptions
- 4.7 CCEMI – Chronic CEMI
- 4.8 C(M)I – Customer (Momentary) Interruptions
- 4.9 CMAIFI – Chronic momentary circuit



Reliability Project Scoping

Custom ID: SOP-00**

Revision: 01

Effective Date: 08/01/2021

Page 2 of 5

4.10 CI – Customer Interruption

5.0 RELIABILITY PROJECT SCOPING

5.0 Reliability improvement project idea originates by Proactive Circuit Analysis, outage analysis, Worst Performing Circuit analysis, crew suggestions, MAIFI analysis, CEMI analysis, etc.

5.0.1 Reliability Engineering is responsible for determining the magnitude cost estimate for reliability improvement idea.

5.0.2 Reliability Engineering determines CMI savings per year based on 5-year outage history (or projected future failures) to determine validity for projects. The magnitude estimate is divided by the projected CMI savings to determine the project's \$/CMI value. For projects to be considered for CMAIFI reduction, the C(M)I savings based on all available history up to 5 years in length shall be used to determine validity, with the magnitude estimate divided by the projected C(M)I savings to determine the project's \$/C(M)I value. For projects to be considered for CCEMI reduction, the CCEMI CI savings will be determined by determining the projected outage reduction per year multiplied by the number of CCEMI customers it would impact, multiplied by the average R12 number of outages for those customers (minus six outages). The magnitude estimate is divided by the projected outage reduction calculation to determine the projects \$/CCEMI CI value.

5.0.2.1 \$2/CMI or under or \$250/CI or under is a strong reliability project for non-WPC circuits

5.0.2.2 \$3/CMI or under or \$375/CI or under is a strong reliability project for WPC circuits.

5.0.2.3 \$5/CMI or under or \$625/CI or under is a strong reliability project for chronic WPC circuits.

5.0.2.4 Projects not meeting \$/CMI threshold should be documented with PCA/WPC information for the circuit.

5.0.2.5 \$15/C(M)I or under is a strong reliability project for CMAIFI circuits.



Reliability Project Scoping

Custom ID: SOP-00**

Revision: 01

Effective Date: 08/01/2021

Page 3 of 5

- 5.0.2.6 \$2,000/CCEMI CI or under is a strong reliability project for CCEMI circuits.
- 5.0.3 Reliability Engineering creates a P&N document for all projects greater than \$50,000 that have met the \$/CMI thresholds as delineated above.
 - 5.0.3.1 Projects will be reviewed by the Reliability Team for alternatives and validation. The final project decision needs approval by the Reliability Supervisor.
 - 5.0.3.1.1 Projects greater than \$50,000 and less than \$400,000 approved by the Reliability Supervisor will be recommended to Distribution Asset Investment Strategy for construction year.
 - 5.0.3.1.2 Projects greater than \$400,000 require a Distribution Planning sponsor once approved by the Reliability Supervisor. Reliability Engineer and Distribution Planning Sponsor will present the project and alternatives with associated costs and justification to the Distribution Planning Challenge Session for budget determination, construction year, and approval.
- 5.0.4 Reliability Preservation Overall Budget Process – the Reliability Preservation SP (B81004) is designated for projects that improve overall permanent outage reliability, CEMI and CCEMI customer mitigation, and MAIFI and CMAIFI reduction. Additionally, the super project is split between planned work and discretionary funds, which are used to respond in a targeted, timely fashion to MAIFI and CEMI customers.
 - 5.0.4.1 If a project meets the criteria for funding as defined in 5.0.2, and it is not responding to a critical, emergent need, then it will be ranked against other projects in a scoping meeting for the appropriate required in service year.
 - 5.0.4.2 If a project meets the criteria for funding as defined in 5.0.2, and is responding to a critical, emergent need, then it will be funded

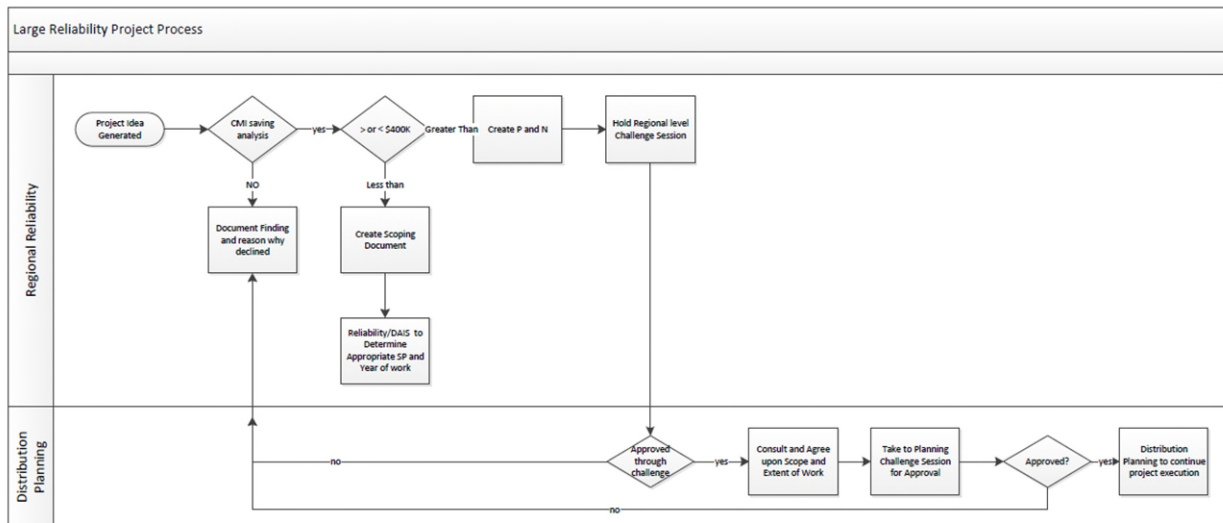


Reliability Project Scoping

through the discretionary funds for Reliability Preservation in the first available scheduled year.

5.0.4.3 While scoping planned work in Reliability Preservation, 70% of the available funding shall be applied to planned work at a maximum, with a minimum of 30% of the projected funding for the year to be held as discretionary funding, up to a maximum of \$1.5M.

6.0 RELIABILITY PROJECT PROCESS FLOW



7.0 PROCESS REVIEW

7.1 Reliability Supervisors and Asset Planning Supervisor to review the procedure annually by January 31.

8.0 REFERENCES

- 8.1 PCA – Proactive Circuit Analysis Procedure
- 8.2 WPC – Worst Performing Circuit Procedure
- 8.3 Regional Reliability Project P&N Template



Reliability Project Scoping

Custom ID: SOP-00**

Revision: 01

Effective Date: 08/01/2021

Page 5 of 5

Prepared by:	Jim Warrenfeltz – Business Operations Analyst, DAIS
Reviewed by:	TK
Approved by:	TK

9.0 REVISION HISTORY

Revision	Date	Revision Comments
1	8/1/2021	Expanded the scoping to encompass all of Reliability Preservation

PPL ELECTRIC EXHIBIT AM-6



Sidle v. PPL Electric Complaint matter at Docket No. c-2022-3032338
 ACCOUNT NUMBER: 75750-21016

CUSTOMER NAME: Scott W. Sidle
 Gap to close 600 ft
 Length (current distance to sub) 17057 ft
 Customer XFMR 68233S39699
 Upstream XFMR (Rock Hill) 68324S39616 acct 7417020017
 Perkasio Water 68287S39611
 Customers Dstream Quarry Tap: 68488S39654 87
 Customers Dstream Paletown Tap: 68099S39890 86
 Customers Dstream Rockhill Spur: 68083S39880 17
 Customers on 17001 886
 Transmission Line Ridge Raod Tap 01-02
 5 year 8/1/2017

Circuit length 76 miles - tending to be longer, length determined by loading. Rural locations tend towards residential, as is the case here where the overwhelming majority are residential accounts.

Circuit terrain Distribution in rural area with high vegetation, dense forestation particularly where it is adjacent to State Game Land 139 (265 acres in 3 separate sections)

Benefits of proximity to substation Reduced exposure to faults, particularly those downstream of protective devices just past customer tap (~300 customers fed of the Haycock tap and Pennridge tap). This is typical of PPL protective device philosophy in which we break feeders up in half geographically. The device installed at this midpoint would limit the upstream customers from seeing faults occurring on the downstream half. increased tree contact and increased animal activity

Fault A physical condition causing an electrical component or system to operate in an unexpeded manner.
 CAIDI Index **System vs circuit (crew area vs circuit, region vs circuit, super region vs circuit)**

*costs estimate for Contractor per DISTRIBUTION PER MILE 2021

Customer Request - 3P close-the-gap w/ viper	Item	qty	Install	Material	extended cost
	Customers affected by work	86			
	CMI (preventable R5Y avg)	591.2			
	50' Steel Pole-Dist Use (50 ST DIST)	4	5.49	2,518	\$ 21,052.00
	Wood Pole-50ft Class 1 (50-1)	2	5.01	586	\$ 6,182.00
	RR permit	1	0	0	\$ -
	ROW (ft)	600	0	0	\$ -
	2 phase conductor 1/0 ACSR	0.114	1	289387.00	\$ 32,990.12
	3 phase reconductor	0.548674	1	556691	\$ 305,442.01
	3PH VCR	1			\$ 85,764.00
					\$ 451,430.13
					\$ 145,988.12
5.0.2.1 - \$2/CMI or under or \$250/CI or under is a strong reliability project for non-WPC circuits	\$/CMI	\$ 8.88	DOES NOT MEET MINIMUM	RELIABILITY IMPROVEMENT	Original scope
5.0.2.1 - \$2/CMI or under or \$250/CI or under is a strong reliability project for non-WPC circuits	\$/CMI	\$ 2.87	DOES NOT MEET MINIMUM	RELIABILITY IMPROVEMENT	Customer request

Option 1 - 1P close-the-gap w/ tripsaver	Item	qty	Install	Material	extended cost
	Customers affected by work	17			
	CMI (preventable R5Y avg)	1232.4			
	50' Steel Pole-Dist Use (50 ST DIST)	4	5.49	2,518	\$ 21,052.00
	Wood Pole-50ft Class 1 (50-1)	2	5.01	586	\$ 6,182.00
	RR permit	1	0	0	\$ -
	ROW (ft)	600	0	0	\$ -
	tripsaver	1	1	11000	\$ 11,000.00
	conductor 1/0 ACSR	0.114	1	181265.37	\$ 20,664.25
					\$ 58,898.25
5.0.2.1 - \$2/CMI or under or \$250/CI or under is a strong reliability project for non-WPC circuits	\$/CMI	\$ 2.81	DOES NOT MEET MINIMUM	RELIABILITY IMPROVEMENT	

Option 2 - 2P close-the-gap w/ viper	Item	qty	Install	Material	extended cost
	Customers affected by work	86			
	CMI (preventable R5Y avg)	591.2			
	50' Steel Pole-Dist Use (50 ST DIST)	4	5.49	2,518	\$ 21,052.00
	Wood Pole-50ft Class 1 (50-1)	2	5.01	586	\$ 6,182.00
	RR permit	1	0	0	\$ -
	ROW (ft)	600	0	0	\$ -
	tripsaver (cost per Eff. Review)	2	1	11000	\$ 22,000.00
	2 phase conductor 1/0 ACSR	0.114	1	181265.37	\$ 20,664.25
	2 phase reconductor	0.548674	1	365560	\$ 200,573.36
					\$270,471.61
5.0.2.1 - \$2/CMI or under or \$250/CI or under is a strong reliability project for non-WPC circuits	\$/CMI	\$ 5.32	DOES NOT MEET MINIMUM RELIABILITY IMPROVEMENT		

Option 3 - Transfer Feeder	Item	qty	Install	Material	extended cost
	Customers affected by work	86			
	CMI (preventable R5Y)	15.69			
	3PH VCR	1			\$ 85,764.00
					\$ 85,764.00
5.0.2.1 \$2/CMI or under or \$250/CI or under is a strong reliability project for non-WPC circuits	\$/CMI	\$ 63.56	DOES NOT MEET MINIMUM RELIABILITY IMPROVEMENT CRITERIA (\$/CMI)		

PPL ELECTRIC EXHIBIT SD-1



Region	Work Order	Scope Year	Ext	Circuit	Station Name	Unit	Removal Category	Assessed By	Assessed Date	Permission Status	Completed By	Completed Date	# of days from Assessed to Completed	Contractor	Trees	Length (ft)	Acres	From Str	To Str	Unit Name	Added Work	Added Work User	Added Work Date	Work Audit Fail Histor	Audit Date	Audited By	Audit Work User	Species	Voltage	SSUNITS OBJECTID	Audit Work Pass
- Region : Lehigh						38							203.5789474		17	972.3897189	0.072533														
- Program Type : Cycle Maintenance - Trim						38							203.5789474		17	972.3897189	0.072533														
- Unit : Hand Cut Brush/Mowing						6							310			0.072533															
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	1130	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/05/2019	Approved	Yusseff Delvalle	08/26/2020		387 Asplundh	0		.0158 68286539649	68280539662	BRUSH	False					True	11/30/2020	Matt Kuntzman	ECI\Matt eci	Walnut	7.2	{1C05680	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	1140	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/05/2019	Approved	Yusseff Delvalle	08/26/2020		387 Asplundh	0		.0048 68280539662	68270539675	BRUSH	False					True	11/30/2020	Matt Kuntzman	ECI\Matt eci	Walnut	7.2	{767F171	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	1140	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/05/2019	Approved	Yusseff Delvalle	08/26/2020		387 Asplundh	0		.0100 68280539662	68270539675	BRUSH	False					True	11/30/2020	Matt Kuntzman	ECI\Matt eci	Walnut	7.2	{2BBD7D	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2020	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	08/26/2020		377 Asplundh	0		.0151 68127539816	68116539827	BRUSH	False					True	11/30/2020	Matt Kuntzman	ECI\Matt eci		7.2	{AB14A22	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2090	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/23/2020		161 Asplundh	0		.0242 68173539765	68157539783	BRUSH	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Walnut	7.2	{8BCFFFA	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2100	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/23/2020		161 Asplundh	0		.0026 68173539765	68181539756	BRUSH	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Walnut	7.2	{F0543B0	True
- Unit : Removal 12.1-18"						8							229.25		8																
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2000	Removal 12.1-18"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/21/2020		159 Asplundh	1		.0000 68101539855	68092539866	REM1218	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Ash	7.2	{BAC194F	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2010	Removal 12.1-18"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/22/2020		160 Asplundh	1		.0000 68101539855	68116539827	REM1218	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Maple	7.2	{656E1CD	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2010	Removal 12.1-18"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/22/2020		160 Asplundh	1		.0000 68101539855	68116539827	REM1218	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Ash	7.2	{D36D54	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2010	Removal 12.1-18"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	08/26/2020		377 Asplundh	1		.0000 68101539855	68116539827	REM1218	False					True	11/30/2020	Matt Kuntzman	ECI\Matt eci	Ash	7.2	{DAAA3E	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2010	Removal 12.1-18"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	09/23/2020		405 Asplundh	1		.0000 68101539855	68116539827	REM1218	False					True	11/30/2020	Matt Kuntzman	ECI\Matt eci	Ash	7.2	{AB94175	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2130	Removal 12.1-18"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/27/2020		165 Asplundh	1		.0000 68189539745	68181539756	REM1218	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Maple	7.2	{A540A4C	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2140	Removal 12.1-18"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	06/03/2020		293 Asplundh	1		.0000 68189539745	68208539724	REM1218	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Ash	7.2	{E0090CC	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2160	Removal 12.1-18"	Non-Maintained	William Shuffett	10/04/2019	Approved	Yusseff Delvalle	01/27/2020		115 Asplundh	1		.0000 68233539699	68208539724	REM1218	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Ash	7.2	{D0B6716	True
- Unit : Removal 18.1 -24"						1							165		1																
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2010	Removal 18.1 -24"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/27/2020		165 Asplundh	1		.0000 68101539855	68116539827	REM1824	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Ash	7.2	{CAE1C56	True
- Unit : Removal 6-12"						5							160.2		5																
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2000	Removal 6-12"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/22/2020		160 Asplundh	1		.0000 68101539855	68092539866	REM612	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Ash	7.2	{B4E8E41	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2010	Removal 6-12"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/22/2020		160 Asplundh	1		.0000 68101539855	68116539827	REM612	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Ash	7.2	{A7AE01E	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2010	Removal 6-12"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/22/2020		160 Asplundh	1		.0000 68101539855	68116539827	REM612	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Ash	7.2	{E1221E4	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2020	Removal 6-12"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/22/2020		160 Asplundh	1		.0000 68127539816	68116539827	REM612	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Ash	7.2	{EE45DAF	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2090	Removal 6-12"	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/23/2020		161 Asplundh	1		.0000 68173539765	68157539783	REM612	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci	Ash	7.2	{4058331	True
- Unit : Single Phase - Bucket						13							162.3076923			895.1534054															
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	1120	Single Phase - Bucket	Non-Maintained	William Shuffett	08/05/2019	Approved	Yusseff Delvalle	01/27/2020		175 Asplundh	0		.311 .0000 68286539649	68306539631	SPB	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci		7.2	{4AAC310	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	1990	Single Phase - Bucket	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/22/2020		160 Asplundh	0		173.5 .0000 68092539866	68083539880	SPB	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci		7.2	{FE86B17	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2000	Single Phase - Bucket	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/22/2020		160 Asplundh	0		36.06 .0000 68101539855	68092539866	SPB	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci		7.2	{942F4D2	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2020	Single Phase - Bucket	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/22/2020		160 Asplundh	0		32.68 .0000 68127539816	68116539827	SPB	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci		7.2	{FB07132	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2020	Single Phase - Bucket	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/22/2020		160 Asplundh	0		28.93 .0000 68127539816	68116539827	SPB	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci		7.2	{1B8D80B	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2060	Single Phase - Bucket	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/22/2020		160 Asplundh	0		30.9 .0000 68116539827	68112539823	SPB	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci		7.2	{F4724CB	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2070	Single Phase - Bucket	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/27/2020		165 Asplundh	0		.35 .0000 68127539816	68142539800	SPB	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci		7.2	{9B887B2	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2070	Single Phase - Bucket	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/27/2020		165 Asplundh	0		15.34 .0000 68127539816	68142539800	SPB	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci		7.2	{C0C2AFE	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2080	Single Phase - Bucket	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/23/2020		161 Asplundh	0		36.82 .0000 68157539783	68149539791	SPB	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci		7.2	{3B18437	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2080	Single Phase - Bucket	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/23/2020		161 Asplundh	0		95.72 .0000 68157539783	68149539791	SPB	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci		7.2	{49B0080	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2090	Single Phase - Bucket	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	01/23/2020		161 Asplundh	0		30.41 .0000 68173539765	68157539783	SPB	False					False	11/30/2020	Matt Kuntzman	ECI\Matt eci		7.2	{0B9D909	True
Fal CL 2019-2020	2020	1_1	RIDGE ROAD 69/12	2160	Single Phase - Bucket	Non-Maintained	William Shuffett	08/15/2019	Approved	Yusseff Delvalle	0																				

	Work Order	Scope Year	Ext	Circuit	Station Name	Unit	Removal Category	Assessed By	Assessed Date	Permission Status	Completed By	Completed Date	# of days from Assessed to Completed	Contractor	Trees	Length (ft)	Acres	From Str	To Str	Unit Name	Added Work	Added Work User	Added Work Date	Work Audit Fail History	Audit Date	Audited By	Audit Work User	Species	Voltage	SSUNITS OBJECTID	Audit Work Pas		
-	Region :					13							179		1	517.1795853	0.054579																
-	Program Type : Cycle Maintenance - Trim					13							179		1	517.1795853	0.054579																
-	Unit : Hand Cut Brush/Mowing					4							179			0.054579																	
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2030	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	0		.0027	68091S39810	68112S39823	BRUSH	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci	Walnut	7.2	{C7325DF	Tru		
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2040	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	0		.0133	68091S39810	68075S39790	BRUSH	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci	Walnut	7.2	{9D5A07A	Tru		
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2040	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	0		.0207	68091S39810	68075S39790	BRUSH	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci	Walnut	7.2	{7FBCB15	Tru		
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2050	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	0		.0179	68075S39790	68077S39774	BRUSH	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci	Walnut	7.2	{C177528	Tru		
-	Unit : Removal 12.1-18"					1							179		1																		
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2030	Removal 12.1-18"	Non-Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	1		.0000	68091S39810	68112S39823	REM1218	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci		7.2	{59A8C2C	Tru		
-	Unit : Single Phase - Manual					8							179			517.1795853																	
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2030	Single Phase - Manual	Non-Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	0	75.46	.0000	68091S39810	68112S39823	SPM	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci		7.2	{3E41F2F	Tru		
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2030	Single Phase - Manual	Non-Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	0	42.33	.0000	68091S39810	68112S39823	SPM	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci		7.2	{7887758	Tru		
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2030	Single Phase - Manual	Non-Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	0	118.79	.0000	68091S39810	68112S39823	SPM	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci		7.2	{CD7ACF7	Tru		
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2040	Single Phase - Manual	Non-Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	0	21.65	.0000	68091S39810	68075S39790	SPM	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci		7.2	{4E37FC9	Tru		
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2040	Single Phase - Manual	Non-Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	0	40.96	.0000	68091S39810	68075S39790	SPM	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci		7.2	{9A375CD	Tru		
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2040	Single Phase - Manual	Non-Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	0	21.5	.0000	68091S39810	68075S39790	SPM	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci		7.2	{6234557	Tru		
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2050	Single Phase - Manual	Non-Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	0	35.82	.0000	68075S39790	68077S39774	SPM	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci		7.2	{6AC07CA	Tru		
Fal	CL	2019-	2020	1_3	RIDGE ROAD 69/12	2050	Single Phase - Manual	Non-Maintained	William Shuffett	08/15/2019	Approved	William Rogers	02/10/2020	179 Asplundh	0	160.67	.0000	68075S39790	68077S39774	SPM	False			False	12/22/2020	Matt Kuntzman	ECI\Matt eci		7.2	{15955B6	Tru		

	Work Order	Scope Year	Ext	Circuit	Station Name	Unit	Removal Category	Assessed By	Assessed Date	Permission Status	Completed By	Completed Date	# of days from Assessed to Completed	Contractor	Trees	Length (ft)	Acres	From Str	To Str	Unit Name	Added Work	Added Work User	Added Work Date	Work Audit Fail	Audit Date	Audited By	Audit Work User	Species	Voltage	SSUNITS.OBJECTID	Audit Work Pass	
- Region : Lehigh						10							252.3		3	105.1066867	0.015694															
- Program Type : Cycle Maintenance - Trim						10							252.3		3	105.1066867	0.015694															
- Unit : Hand Cut Brush/Mowing						4							265.25				0.015694															
Fal	CL	2019-	2020	1_5	RIDGE ROAD 69/12	1070	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/05/2019	Approved	Richard Burger	03/17/2020	225 Asplundh	0		.0032	68337S39558	68351S39570	BRUSH	False			False	12/18/2020	Matt	ECI\Matt eci	Ash	12.4	{635FF25C-A0F1-401E-	True	
Fal	CL	2019-	2020	1_5	RIDGE ROAD 69/12	1070	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/05/2019	Approved	Richard Burger	03/17/2020	225 Asplundh	0		.0024	68337S39558	68351S39570	BRUSH	False			False	12/18/2020	Matt	ECI\Matt eci	Ash	12.4	{FF36253B-F715-412E-	True	
Fal	CL	2019-	2020	1_5	RIDGE ROAD 69/12	1110	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/05/2019	Approved	Richard Burger	03/17/2020	225 Asplundh	0		.0056	68287S39611	68306S39631	BRUSH	False			False	12/18/2020	Matt	ECI\Matt eci	Ash	12.4	{1511C986-7A40-4400-	True	
Fal	CL	2019-	2020	1_5	RIDGE ROAD 69/12	1110	Hand Cut Brush/Mowing	Maintained	William Shuffett	08/06/2019	Approved	Richard Burger	08/26/2020	386 Asplundh	0		.0044	68287S39611	68306S39631	BRUSH	False			True	12/18/2020	Matt	ECI\Matt eci	Ash	12.4	{345BD443-933E-438B-	True	
- Unit : Mult-Phase - Bucket						3							240.6666667			105.1066867																
Fal	CL	2019-	2020	1_5	RIDGE ROAD 69/12	1070	Mult-Phase - Bucket	Non-Maintained	William Shuffett	08/05/2019	Approved	Richard Burger	04/02/2020	241 Asplundh	0	22.71	.0000	68337S39558	68351S39570	MPB	False			False	12/18/2020	Matt	ECI\Matt eci	Ash	12.4	{61C82BEF-D3C3-4CED-	True	
Fal	CL	2019-	2020	1_5	RIDGE ROAD 69/12	1070	Mult-Phase - Bucket	Non-Maintained	William Shuffett	08/05/2019	Approved	Richard Burger	04/02/2020	241 Asplundh	0	57.39	.0000	68337S39558	68351S39570	MPB	False			False	12/18/2020	Matt	ECI\Matt eci	Ash	12.4	{DD5E526A-DECF-4CE6-	True	
Fal	CL	2019-	2020	1_5	RIDGE ROAD 69/12	1110	Mult-Phase - Bucket	Non-Maintained	William Shuffett	08/06/2019	Approved	Richard Burger	04/02/2020	240 Asplundh	0	25	.0000	68287S39611	68306S39631	MPB	False			False	12/18/2020	Matt	ECI\Matt eci	Ash	12.4	{CE7C7AAC-B2BB-4627-	True	
- Unit : Removal 12.1-18"						2							250		2																	
Fal	CL	2019-	2020	1_5	RIDGE ROAD 69/12	1070	Removal 12.1-18"	Non-Maintained	William Shuffett	08/05/2019	Approved	Richard Burger	04/02/2020	241 Asplundh	1		.0000	68337S39558	68351S39570	REM1218	False			False	12/18/2020	Matt	ECI\Matt eci	Ash	12.4	{8BDD84F1-99EA-402A-	True	
Fal	CL	2019-	2020	1_5	RIDGE ROAD 69/12	1110	Removal 12.1-18"	Non-Maintained	William Shuffett	08/05/2019	Approved	Richard Burger	04/20/2020	259 Asplundh	1		.0000	68287S39611	68306S39631	REM1218	False			False	12/18/2020	Matt	ECI\Matt eci	Ash	12.4	{F80D8A7E-9417-4CFF-	True	
- Unit : Removal 6-12"						1							240		1																	
Fal	CL	2019-	2020	1_5	RIDGE ROAD 69/12	1110	Removal 6-12"	Non-Maintained	William Shuffett	08/06/2019	Approved	Richard Burger	04/02/2020	240 Asplundh	1		.0000	68287S39611	68306S39631	REM612	False			False	12/18/2020	Matt	ECI\Matt eci	Ash	12.4	{8E15CB56-D3EE-48EB-	True	

PPL ELECTRIC EXHIBIT SD-2



	Work Order	Scope Year	Ext	Circuit	Station Name	Unit	Removal Category	Assessed By	Assessed Date	Permission Status	Completed By	Completed Date	# of days from Assessed to Completed	Contractor	Trees	Length (ft)	Acres	From Str	To Str	Unit Name	Added Work	Added Work User	Added Work Date	Work Audit Fail History	Audit Date	Audited By	Audit Work User	Species	Voltage	SSUNITS.OBJECTID	Audit Work Pass	
Region : Lehigh						7							504				0.02687															
- Program Type : Cycle Maintenance - Trim						7							504				0.02687															
- Unit : Herbicide - Non Aquatic						7							504				0.02687															
Fals	CL	2019-	2020	1_5	RIDGE ROAD 69/12	2040	Herbicide - Non Aquatic	Maintained	William Shuffett	08/15/2019	Approved	Joshua Canouse	12/31/2020	504 Asplundh	0		.0030	68091539810	68075539790	HERBNA	False		False	02/11/2021	Derek Cinicola	ECI\Derek eci		7.2	{622C2005-508B-4500-	True		
Fals	CL	2019-	2020	1_5	RIDGE ROAD 69/12	2090	Herbicide - Non Aquatic	Maintained	William Shuffett	08/15/2019	Approved	Joshua Canouse	12/31/2020	504 Asplundh	0		.0034	68173539765	68157539783	HERBNA	False		False	02/11/2021	Derek Cinicola	ECI\Derek eci		7.2	{8AFF808D-9E8C-45CE-	True		
Fals	CL	2019-	2020	1_5	RIDGE ROAD 69/12	2150	Herbicide - Non Aquatic	Maintained	William Shuffett	08/15/2019	Approved	Joshua Canouse	12/31/2020	504 Asplundh	0		.0044	68194539710	68208539724	HERBNA	False		False	02/11/2021	Derek Cinicola	ECI\Derek eci		7.2	{A3A1FCE1-5423-4E5F-	True		
Fals	CL	2019-	2020	1_5	RIDGE ROAD 69/12	2150	Herbicide - Non Aquatic	Maintained	William Shuffett	08/15/2019	Approved	Joshua Canouse	12/31/2020	504 Asplundh	0		.0058	68194539710	68208539724	HERBNA	False		False	02/11/2021	Derek Cinicola	ECI\Derek eci		7.2	{CDB2D038-A721-4763-	True		
Fals	CL	2019-	2020	1_5	RIDGE ROAD 69/12	2160	Herbicide - Non Aquatic	Maintained	William Shuffett	08/15/2019	Approved	Joshua Canouse	12/31/2020	504 Asplundh	0		.0052	68233539699	68208539724	HERBNA	False		False	02/11/2021	Derek Cinicola	ECI\Derek eci		7.2	{2B96C2A1-FAF1-48FD-	True		
Fals	CL	2019-	2020	1_5	RIDGE ROAD 69/12	2160	Herbicide - Non Aquatic	Maintained	William Shuffett	08/15/2019	Approved	Joshua Canouse	12/31/2020	504 Asplundh	0		.0026	68233539699	68208539724	HERBNA	False		False	02/11/2021	Derek Cinicola	ECI\Derek eci		7.2	{FACB2F4F-D907-47CD-	True		
Fals	CL	2019-	2020	1_5	RIDGE ROAD 69/12	2160	Herbicide - Non Aquatic	Maintained	William Shuffett	08/15/2019	Approved	Joshua Canouse	12/31/2020	504 Asplundh	0		.0024	68233539699	68208539724	HERBNA	False		False	02/11/2021	Derek Cinicola	ECI\Derek eci		7.2	{38EB53DB-21E0-4EC5-	True		

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sidlez55@gmail.com

June 24, 2022

Rosemary Chiavetta
Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

Re: Scott W. Sidle v. PPL Electric Utilities Corporation
Docket No. C-2022-3032338

Dear Secretary Chiavetta:

I am submitting 5 pictures which show the Right-of-way vegetation conditions, where long term outages occur, and the tie-in project discussed in the above referenced proceeding. Copies will be provided as indicated on the Certificate of Service.

Respectfully submitted,



Scott W. Sidle

cc: Certificate of Service



CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing has been served upon the following persons, in the manner indicated, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

VIA E-MAIL ONLY

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Date: June 24, 2022



Scott W. Sidle









