

INDEX TO EXHIBITS

Docket No. C-2020-3022986

Hearing Date: January 27, 2021

PPL Electric Exhibit:

- 1 (Account Contact History)
- 2 (Bureau of Consumer Services Decision)
- 3 (Photographs taken 1/15/21)
- 4 (Right-of-Way)
- 5 (Outage List by Feeder)
- 6 (Rule 4, PPL Electric Tariffs Section I)
- 7 (EMF and Health Information Fact Sheet)
- 8 (EMF Study Report, 1/15/21, Near Mr. Mion's Property)

Account Contact History
Account: 3502128013 Customer Name: DONALD MION
 From 10/21/2016 to 1/19/2021

Contact Date	Contact Type	Remarks	User
2020-11-23	SC - PUC Formal Complaint	The customer filed PUC Formal Complaint Docket No. C-2020-3022986- WATT ID 2625004	E02623
2020-11-23	Miscellaneous	WATT FieldFormalComplaint - Service Related-ROW Work Item 2625004 Created	APRIL TOU
2020-09-04	SC - GRACE EXTENSION	BCS 3770265. DATE CLOSED 09 04 2020. CASE DISMISSED. A PPL REPRESENTATIVE WILL COORDINATE WITH THE CUSTOMER TO RELOCATE THE DEVICE TO A MUTUALLY AGREED UPON LOCATION WITHIN PPL S EASEMENT. PER PPL TARIFF 4 I 2 THE CUSTOMER WILL BE RESPONSIBLE FOR THE COST OF RELOCATION. BCS HAS LIMITED JURISDICTION OVER THIS TYPE OF SERVICE ISSUE. CASE CLOSED.	E165934
2020-08-28	Service	Caller Back Office Ratepayer. Left VM for customer reiterating company position. Smart Grid device installed on existing pole on customer property. Within existing ROW. Per Tariff 4.1.2 customer is responsible for costs associated with relocation of facilities. Rev 09 02 2020 12 43 Spoke to cust afternoon of 8 28	MARK J MUSHENO
2020-08-25	SC - PUC Informal Complaint	PUC MDIA BCS 3770265	CUCL143
2020-08-14	Service	email from a stewart call the customer and it went right to his voice mail. I left a message stating that if he would like this device relocated it would be done at his expense and if he had any questions he could call me back. I provided my cell phone number for the customer to reach me.	CHRISTINA H ROBSON
2020-08-11	Service	after it was already installed. He requested a Manager or Supervisor call him at the number below to discuss this device placement. I did not give him any numbers but said I would send an email to my management for them to call him back. He plans to get a lawyer if there is no resolution.	CHRISTINA H ROBSON
2020-08-11	Service	email resp update from M toth The customer called me back and we discussed his issues recloser control box blocking his view of the lake. I told him what the device is and why it was put in the general area. He would like it moved. I told him I do not have the authority to move this device	CHRISTINA H ROBSON
2020-08-11	Service	email resp from m toth I called the customer and it went right to his mail box. I left a message describing the device and why it was put in that location. I left my office number for him if he has any questions.	CHRISTINA H ROBSON
2020-08-10	Service	Caller DONALD MION Ratepayer. is safe and also obstructs his view of lake. is requesting to be contacted I did advise community manager calls and foreman reached back out is requesting to be contacted sent MSG to fore and reliability under	CHRISTINA H ROBSON
2020-08-10	Service	Caller DONALD MION Ratepayer User Comments sw donald mion rp filed comlaint 973 222-7633 still has not received a call back states PPL put in a new pole with industrial looking equip at his home states is not a transformer but some sort of switching equip and is directly in line of sight from his deck and only about 25 feet away is concerned if equip is	CHRISTINA H ROBSON
2020-08-10	WUR Assessment	DONALD MION Ratepayer. Caller s Concern Miscellaneous - WUR will NOT be sent. Position Stated No. Investigation reqd Yes. . WUR Required No. Provided PUC No. Interested in SO Not on Phone.	CHRISTINA H ROBSON
2020-08-10	WUR Assessment	DONALD MION Ratepayer. Caller s Concern Billing Payment - WUR will be sent. Position Stated Yes. Sat Yes. WUR Required No. Caller s Concern Call Transfer. Position Stated No. Investigation reqd No. . WUR Required No. Provided PUC No. Interested in SO Not on Phone.	AMANDA BAPTISTE
2020-08-10	Billing	Caller DONALD MION Ratepayer User Comments cci to get bill- adv he signed up for paperless- ended that- sent out dup bill- cx sat	AMANDA BAPTISTE
2020-08-10	Issued Duplicate Bill	Caller DONALD MION Ratepayer. Issued Duplicate Bill.	AMANDA BAPTISTE
2020-08-10	Maintain Bill Account	Caller DONALD MION Ratepayer updated Paperless billing from Enrolled to Not Enrolled .	AMANDA BAPTISTE
2020-07-22	Service	received e-mail back from J Gillow about the pole - I will check on this and I will call John	CHRISTINE E KONDROSKY
2020-07-22	Service	Caller john carney- lake Association general Manager. he stated there is now a 6 ft pole next to the home asking if PPL put it there is the box on it safe the 6 ft pole has a grid on it 68067N45906. question did we install this pole and if so what is the box served for pole location on the left side of the home . sent to foreman in the area	CHRISTINE E KONDROSKY
2020-07-07	Electric Choice New Customer Kit		CUBSO214
2020-07-07	Choice Inquiry	New Connect Privacy Release Default - OK to Release All	SYSTEM SYSTEM
2020-07-07	myPPL Alerts - WEB	User E154506 agreed to T Cs-Enrolled	SELF SERVICE USER
2020-07-07	Connect Completed		ALICIA WATKINS
2020-07-07	WEB Enroll in Paperless Billing	EBilling enrolled account in paperless billing	SELF SERVICE USER
2020-07-06	Miscellaneous	Donald Mion claims that we put an attachment to the pole outside of his sun porch. He claims is concerned about health issues and he now has no view of the lake. Wasn t sure when the job was done since this is a vacation home. Sent mesg to Northeast area with complaint.	ALICIA WATKINS
2020-07-06	Online Billing Account Update	E-Bill process - Caller DONALD MION Customer Satisfied Understands Yes offered paperless billing offered outage alerts via Email	ALICIA WATKINS

Contact Date	Contact Type	Remarks	User
2020-07-06	Connect Questions	TYPE OF CONNECT REQUEST METERED RATEPAYER OWNS THE PROPERTY Y RATEPAYER WILL OCCUPY THE PROPERTY N NON-RESIDENTIAL USE ASSOCIATED WITH THE PROPERTY NONE TYPE OF PROPERTY RENTAL RESIDENTIAL ELECTRIC HEAT N RESIDENTIAL USE ASSOCIATED WITH THE PROPERTY RESIDENTIAL USE WILL BE FOR THE RATEPAYERS SOLE BENEFIT	ALICIA WATKINS
2020-07-06	Connect Issued	Electric CTP-Applicant caller DONALD MION CallerRelation Ratepayer date of connect 07 07 2020 new address 1079 AQUARIUS DR WLE LAKE ARIEL PA 18436 DepositAmt 0 DepositReq No Pre Bal 0 Pre Bal Req No ID Req No Send AddName Letter No	ALICIA WATKINS

Informal Case View

General			
BCS Case No.	3770265	Case Notes	Count : 2 Detail...
CSS Account No.	3502128013	Received Date	08/25/2020
CSS Name	DONALD MION	Due Date	09/23/2020
Name	DONALD MION	Investigator Name	CASE POOL, BCS
Service Address 1	1079 AQUARIUS DR, WLE	Mailing Address 1	337 PENNINGTON AVE
Service Address 2		Mailing Address 2	
Service City, State Zip	LAKE ARIEL, PA 18436-	Mailing City, State Zip	PASSAIC, NJ 07055-
PUC Address	1079 AQUARIUS DR,,LAKE ARIEL,PA,18436-		
Service Class	RESIDENTIAL	Case Origin	TELEPHONE
Phone Number		Prior Case Number	0
Income Level		On Track	No
Reason For Contact	SERVICE (CO. FACILITIES) (# 48)		
Customer Position	CUSTOMER IS DISPUTING THAT PPL PLACED A POLE RIGHT IN FRONT OF PORCH IN HIS LINE VIEW AND HE WANTS PPL TO MOVE IT AT THEIR COST. THE CELL PHONE NUMBER (973) 222 - 7633 HAS BEEN ALLOWED TO BE SHARED. THE EMAIL ADDRESS DMION@YAHOO.COM HAS BEEN ALLOWED TO BE SHARED.		
Company Position	08/18/2020 COMPANY TOLD HIM HE CAN HAVE IT MOVED AT HIS EXPENSE WHICH WILL COST HIM 18,000.00.		
Related Information			
Misc Info	CONTACT BY EMAIL		
Heating	No	Service	On
Acct Bal Due Date	09/22/2020	Total Account Balance	41.81
Budget Bill Amount	34.00		
Arrearage	0.00	Reported Income Amount	0.00
Date of Last Customer Contact prior to Complaint	08/14/2020		

[Type Assignment](#)

Case Type	Informal
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[Category and Section](#)

Primary Category	Relocation of Facilities
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Secondary Category	
Tertiary Category	
Assign To Section	Support Field Services-East-

Ownership

Contact Person	E02623 - Spotts,Michele K
Written By	Musheno,Mark J
Written By Date	12/01/2020

Other Information

Adults	0	Children	0
Amount Needed to Update Most Recent Payment Arrangement		Universal Service Program	No

Informal Final Report

Details of the Company's Original Investigation

08/30/1971 - PPL Electric Utilities (PPL EU, PPL or the Company) recorded the Right-of-Way agreement for Wallenpaupack Lake Estates.

10/15/1972 - PPL EU installed pole number 68027N45906.

03/09/2020 - PPL EU replaced pole 68027N45906 and installed a Smart Grid recloser.

Note: The Smart Grid device was installed to improve reliability for approximately 1,000 customers in Paupack Township. The location was chosen due to design efficiencies in accordance with the Company's overall Smart Grid strategy. The device was installed at a pre-existing pole location within PPL's easement.

07/06/2020 - Donald Mion contacted the Company and expressed concerns of an attachment on the pole outside of his sun porch. The customer indicated that he was not sure when the job was completed and now he does not have a view of the lake. The customer indicated this property is a vacation home. The Customer Service Representative (CSR) sent a message to the reliability department with the customer's concerns.

07/22/2020 - John Carney, Lake Association general manager, contacted the Company on the customer's behalf regarding pole 68067N45906 and the box installed on the pole. The caller was advised that someone would get back to him.

07/22/2020 - A PPL representative contacted the Lake Association general manager to explain the device installed on pole. The community manager indicated he would relay the information to customer.

08/10/2020 - The customer contacted the Company regarding pole attachment. The CSR explained the function of the Smart Grid recloser and the customer indicated that the device obstructs his view of the lake. The customer was advised that this information would be forwarded to the reliability department and someone would get back to him.

08/11/2020 - A PPL representative contacted the customer and explained that the device is a Smart Grid recloser installed to improve reliability. The

customer requested that the device be relocated and requested a supervisor callback.

08/13/2020 - (Date of last customer contact) - A PPL representative contacted the customer and explained again that the device was installed to improve reliability. The customer was advised that the relocation of the device would be at customer's expense. An order of magnitude estimate of \$18,000 was provided.

Company's Final Position to the Customer

The Company installed the Smart Grid device to improve reliability for approximately 1,000 customers in Paupack Township.

The location was chosen due to design efficiencies in accordance with the Company's overall Smart Grid strategy.

The device was installed at a pre-existing pole location within PPL's easement.

A request to relocate PPL facilities will be at the customer's expense.

An order of magnitude estimate of \$18,000 was provided.

Details of Company's Investigation after BCS Contact

08/28/2020 - A PPL representative spoke with customer to reiterate the Company position.

Company's Final Position to BCS

The Company installed the Smart Grid device to improve reliability for approximately 1,000 customers in Paupack Township.

The location was chosen due to design efficiencies in accordance with the Company's overall Smart Grid strategy.

The pole location was pre-existing and located within PPL's easement.

A relocation of facilities will require an application to be submitted.

An order of magnitude estimate of \$18,000 was provided.

A PPL representative will coordinate with the customer to relocate the device to a mutually agreed upon location within PPL's easement.

Per PPL Tariff 4(I)(2), The customer will be responsible for the cost of relocation.

RULE 4 - SUPPLY OF SERVICE

I. RELOCATION OF FACILITIES

(2) The relocation of Company facilities, when done at the request of others, is at the applicant's expense and payment of the Company's estimated cost of the relocation is required in advance of construction. When the request is from an affected property owner and the facilities are on the customer's property, the charges for relocation of distribution system facilities are limited to estimated contractor costs, estimated direct labor and estimated material costs, less an amount equal to any estimated maintenance expense avoided as a result of the relocation.

Analysis Information

Justified	No
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No Analysis Items Found

Case History

Return to Normal View

Change State

Dismiss

Home

Decision Detail

Case Search

General			
BCS Case No.	3770265	CSS Account No.	3502128013
Customer Name	DONALD MION	Investigator Name	CASE POOL, BCS
Address 1	1079 AQUARIUS DR, WLE	Service Class	RESIDENTIAL
Address 2		Case Origin	TELEPHONE
City, State Zip	LAKE ARIEL , PA 18436	Head Date	09/04/2020
Service Restore Amount	0.00	Current Monthly Payment	0.00
Service Continue Amount	0.00	Service Continue Date	
Decision Issue	No	Ending Monthly Payment	0.00
Chapter		Oral/Written	Written
Section Rule		Violation	NO
Total Balance	41.81	Closed Date	09/04/2020
Reconnect Amount	0.00	Balance Date	09/02/2020
Special Budget Amount	0.00	Regular Budget Amount	34.00
Arrears Payment Plus	0.00	Final Monthly Payment	0.00
Resolution	DISMISSAL LETTER SENT: CASE DISMISSED. PPL REPORTED POLE LOCATION WAS PRE-EXISTING AND LOCATED WITHIN PPL'S EASEMENT. AN ORDER OF MAGNITUDE ESTIMATE OF \$18,000 WAS PROVIDED. A PPL REPRESENTATIVE WILL COORDINATE WITH THE CUSTOMER TO RELOCATE THE DEVICE TO A MUTUALLY AGREED UPON LOCATION WITHIN PPL'S EASEMENT. PER PPL TARIFF 4(I)(2), THE CUSTOMER WILL BE RESPONSIBLE FOR THE COST OF RELOCATION. BCS HAS LIMITED JURISDICTION OVER THIS TYPE OF SERVICE ISSUE. CASE CLOSED.		
Terms			
Letter Description	SHORT BLANK LETTER		

Action Required Options	
Action Required	<input type="radio"/> Yes <input checked="" type="radio"/> No
WorkQ	<input type="text" value=""/>

Category			
Sub Category	<input type="text" value=""/>		
Up Front Amount	<input type="text" value=""/>	Up Front Due Date	<input type="text" value=""/>
Bill Type	<input type="text" value=""/>		
Plus Amount	<input type="text" value=""/>		
Beginning Date	<input type="text" value=""/>		
Write-Off Amount	<input type="text" value=""/>		
Comments	BCS#3770265. DATE CLOSED: 09/04/2020. CASE DISMISSED. A PPL REPRESENTATIVE WILL COORDINATE WITH THE CUSTOMER TO RELOCATE THE DEVICE TO A MUTUALLY AGREED UPON LOCATION WITHIN PPL'S EASEMENT. PER PPL TARIFF 4(T)(2). THE CUSTOMER WILL BE RESPONSIBLE FOR THE		
Processed By	E165934	Processed Date	9/4/2020 4:11:52 PM

[Return to Case](#)



View of 1079 Aquarius Dr and pole line, taken southeast of intersection of Aquarius Dr and Mustang Rd



View of 1079 Aquarius Dr, taken from south of intersection of Aquarius Dr and Mustang Rd



View of Aquarius Dr pole line, taken from Mustang Rd



View of 1079 Aquarius Dr, taken across the street



View of poles at 1079 Aquarius and property line markers (orange)



View of 1079 Aquarius Dr, taken from west of property on Aquarius Dr



View of 1079 Aquarius Dr, taken from west of property on Aquarius Dr

9682

KNOW ALL MEN BY THESE PRESENTS, That, John R. Laurido and William F.

Smith, Trustees for Wallenpaupack Lake Estates, in consideration of the sum of One Dollar (\$1.00) to us paid at the date hereof by PENNSYLVANIA POWER & LIGHT COMPANY, the receipt whereof is hereby acknowledged, do hereby for ourselves, our heirs, executors, administrators and assigns, irrevocably grant and convey unto the said PENNSYLVANIA POWER & LIGHT COMPANY and to THE BELL TELEPHONE COMPANY OF PENNSYLVANIA and to their respective successors, assigns and lessees, the right, privilege and authority to construct, reconstruct, operate and maintain electric and telephone lines, including poles, wires, guys, stub poles, brace poles, crossarms, cables and fixtures and apparatus, upon, over, across, under and along the property which we own or in which we have any interest, known as Wallenpaupack Lake Estates, Sections I-North, I-South, 2, 3, 4, 5, 6 and 7; in the Township of Paupack, County of Wayne, Commonwealth of Pennsylvania and upon, across, over, under and along the roads, streets or highways adjoining the said property, as shown on the plan hereto attached and made a part hereof, including the service extensions from these lines to individual lots as may be from time to time necessary; together with the right of ingress and egress to and from the said lines and service extensions at all times for any of the purposes aforesaid, and also the right to cut down, trim and remove and keep cut down and trimmed by mechanical means or otherwise, any and all trees, brush or other undergrowth on said land and highways within five (5) feet from either side of said electric and telephone lines and also such other trees which, in the judgement of said Companies, may at any time interfere with the construction, reconstruction, maintenance or operation of their respective lines, including poles, wires, guys, stub poles, brace poles, crossarms, cables and fixtures and apparatus, or menace the same, and in connection therewith, the right to remove, if necessary, the root systems of said trees, brush or other undergrowth, and the right to spray said brush and undergrowth with chemicals for their removal and control.

IN WITNESS WHEREOF, We have hereunto set our hands and seals this 2nd day of June, 1971, at Greentown, Pennsylvania

WITNESS:

[Handwritten signatures]

JOHN R. LAURIDO
[Signature] (SEAL)
[Signature] (SEAL)
WILLIAM F. SMITH
Trustees of Wallenpaupack Lake Estates

ENTERED FOR RECORD
RECORDERS OFFICE

AUG 30 2 06 PM '71

WAYNE COUNTY, PA.

FEES ⁰⁰ STAMPS ⁰¹

map

PAID
REALTY TRANSFER TAX
\$.01 DATE 8/30/71
BY *[Signature]*
COLLECTOR

*map Book 16
pages 147-148-149
150-151-152*

STATE OF PENNSYLVANIA)

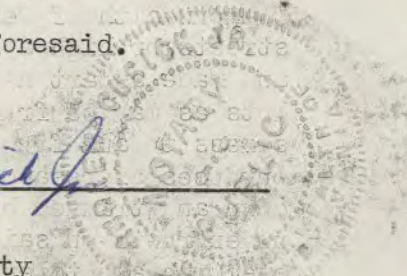
COUNTY OF WAYNE : SS

On this 2nd day of June, 1971, before me a Notary Public for the Commonwealth of aforesaid, came the above names John R. Laurido and William F. Smith, Trustees for Wallenpaupack Lake Estates acknowledged the foregoing instrument to be act and deed, and desired the same to be recorded as such.

WITNESS my hand and notarial seal the day and year aforesaid.

Andrew Cissick
Notary Public

of
Lackawanna County
My Commission expires July 31, 1973



STATE OF PENNSYLVANIA)

COUNTY OF)

On this _____ day of _____, 19____, before me a Notary Public for the Commonwealth aforesaid, came the above names

_____ and acknowledged the foregoing instrument to be act and deed, and desired the same to be recorded as such.

WITNESS my hand and notarial seal the day and year aforesaid.

Commonwealth of Pennsylvania }
County of Wayne } ss.

Recorded in the office for Recording of Deeds in _____ Notary Public

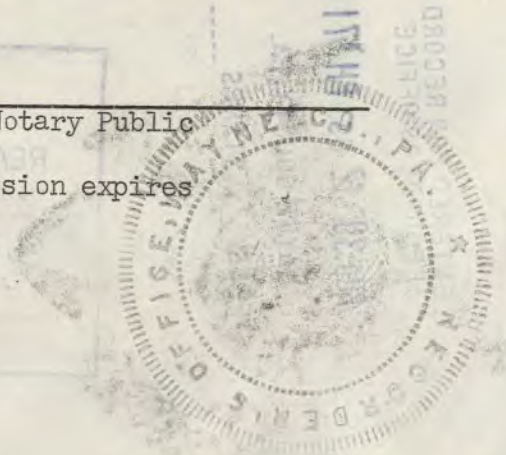
and for the County of Wayne, in Deed
book No. 270 Page 845 Given My Commission expires

under my hand and seal of Office this _____

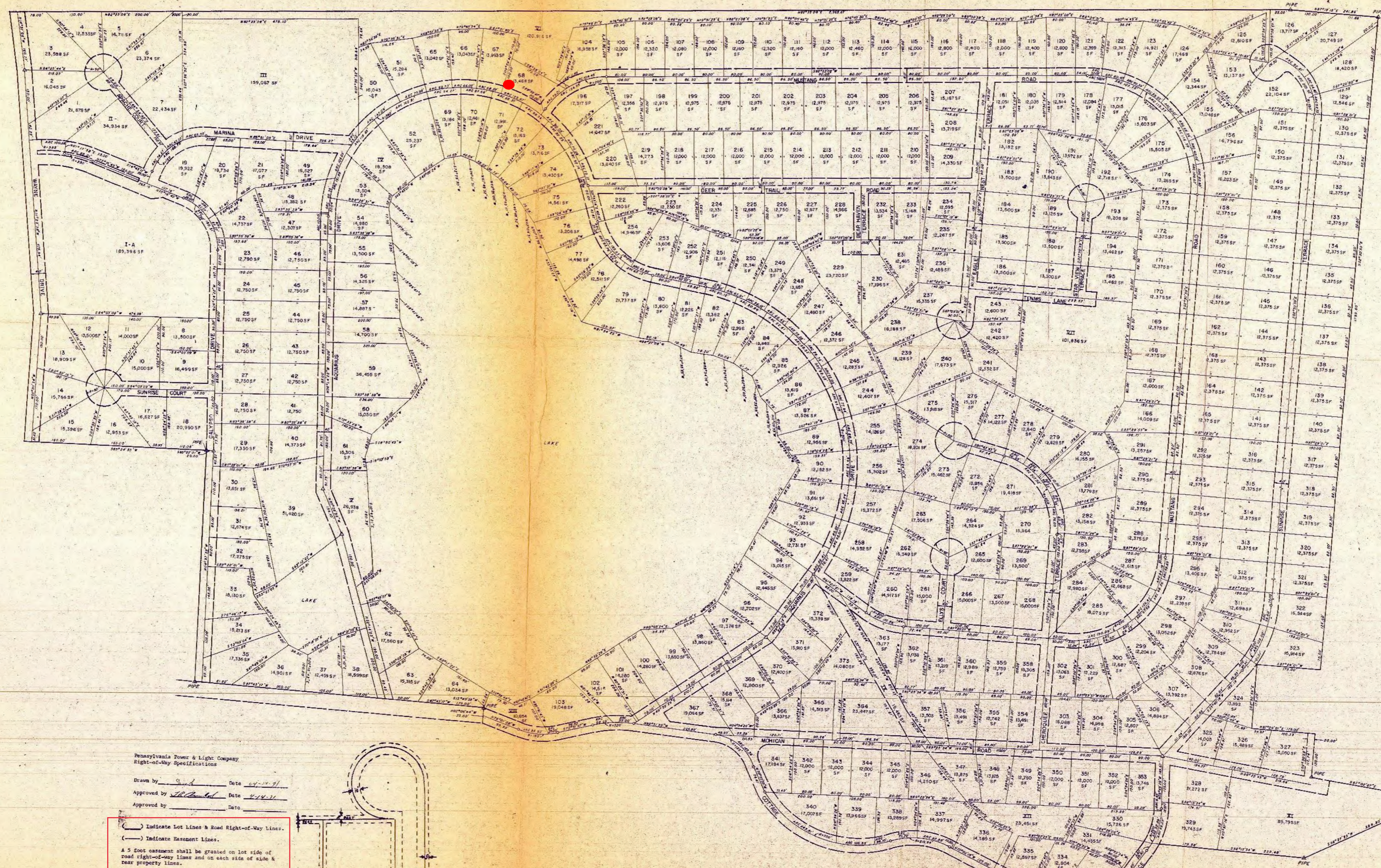
30th day of Aug. D. 1971

[Signature]
Recorder

Recorder



RES. 1
MTR TAKE E21



Pennsylvania Power & Light Company
Right-of-Way Specifications

Drawn by G. J. [Signature] Date 11-11-71

Approved by [Signature] Date 11-11-71

Approved by _____ Date _____

— Indicate Lot Lines & Road Right-of-Way Lines.

(---) Indicate Easement Lines.

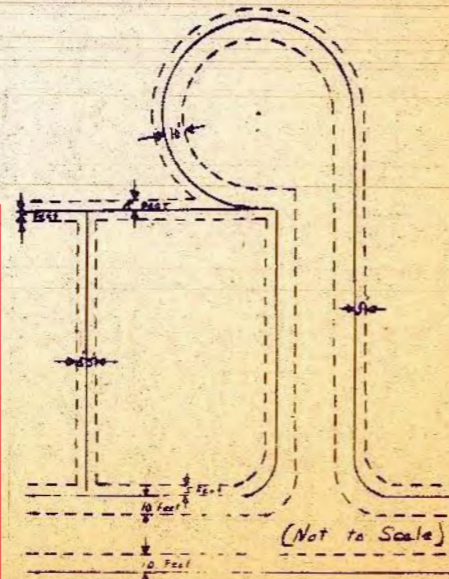
A 5 foot easement shall be granted on lot side of road right-of-way lines and on each side of side & rear property lines.

A 10 foot easement shall be granted on road side of road right-of-way lines.

A 10 foot easement shall be granted on lot side of property lines bounding any other private lands and properties of the Commonwealth of Pennsylvania.

Poles shall be located anywhere from road right-of-way line to 5 foot on road side of road right-of-way line.

The P.P.L. Co. has the right to trim and or cut any or all trees and the right to maintain all electrical facilities in the given easement.



AREA SUBDIVIDED
NUMBER OF LOTS - 373
AVERAGE LOT SIZE - 14,500 SQ. FT.
MINIMUM LOT SIZE - 12,000 SQ. FT.
MAXIMUM LOT SIZE - 36,455 SQ. FT.

WALLENPAUPACK LAKE ESTATES









TOWNSHIP OF PAUPACK,
WAYNE COUNTY, PA.

PLAN OF LOTS
SECTION 4

FEB. 1971 SCALE: 1"=100'

VEP & CO. ENGINEERS - PLANNERS

Outage List by Feeder

Feeder	Job Number	Drill to Calls	Drill to Customers	Trouble Year-Month	Trouble Date & Time	Restored Date & Time	Duration	Job Type	Device Type	Component	Cause	Grid Number	Metrics	# Customers (Momentary)	# Customers (Permanent)	CMI (Permanent)
28804	5660160-1			2020-04	4/13/2020 8:58:51 AM	4/13/2020 8:58:51 AM	0	NL	OCR	??? No Component Entered	Unknown	67487N45926		926	0	0
	5660165-1			2020-04	4/13/2020 8:58:55 AM	4/13/2020 8:58:55 AM	0	NL	OCR	??? No Component Entered	Unknown	67487N45926		926	0	0
	5660168-1			2020-04	4/13/2020 8:59:08 AM	4/13/2020 8:59:08 AM	0	NL	OCR	??? No Component Entered	Unknown	67487N45926		926	0	0
	5661057-1			2020-04	4/13/2020 10:28:00 AM	4/13/2020 7:28:00 PM	540	NL	OCR	144 OH-Primary/Neutral	Trees-Not Trimming Related	68027N45906		0	459	81,072

Outage List by Feeder

Page by:

Rows: 4

Columns: 3

Report Filter:

(Feeder = 28804) And ({{Job Type}} = NL) And ({{Trouble Year-Month}} = 2020-04)

View Filter:

{{Trouble Date & Time}} = 4/13/2020 8:58:51 AM, 4/13/2020 8:58:55 AM, 4/13/2020 8:59:08 AM, 4/13/2020 10:28:00 AM

RULE 4 - SUPPLY OF SERVICE (CONTINUED)

(C)

F. CONTINUITY

(1) The Company uses reasonable diligence to preserve continuity of service, but in the event of interruption or curtailment of service, Company shall not be subject to any liability, penalty or payment for or on account of any such interruption or curtailment nor shall the application of the rate schedule to the regular billing period be affected.

(2) The Company may temporarily suspend service for the purpose of making necessary repairs and makes every reasonable effort to notify customers in advance, except in cases of emergency.

G. EMERGENCY LOAD CONTROL

(1) A load emergency situation exists whenever:

(a) the demands for power on all or part of the utility's system exceed or threaten to exceed the capacity then actually available to supply such demands;

(b) system instability or cascading outages could result from actual or expected transmission overloads or other contingencies; or

(c) such conditions exist in the system or another public utility or power pool with which the utility's system is interconnected and cause a reduction in the capacity available to the utility from that source or threaten the integrity of the utility's system.

(2) In such case, the utility shall take such reasonable steps as the time available permits to bring the demands within the then-available capacity or to otherwise control load. Such steps shall include but shall not be limited to reduction or interruption of service to one or more customers, in accordance with the utility's procedures for controlling load.

H. EMERGENCY ENERGY CONSERVATION

An emergency energy conservation situation exists whenever events result or, in the judgment of the utility, threaten to result in a restriction of the fuel supplies available to the utility or its energy vendors, such that the amount of electric energy which the utility is able to supply is or will be adversely affected. In the event of an emergency energy conservation situation, the utility shall take such reasonable measures as it believes necessary and proper to conserve available fuel supplies. Such measures may include, but shall not be limited to reduction, interruption or suspension of service to one or more of its customers or classes of customers in accordance with the utility's procedure for emergency energy conservation.

I. RELOCATION OF FACILITIES

(1) The relocation of customer's facilities due to moving or rearranging Company's facilities at the direction of either the federal, state or local government is the customer's responsibility and expense.

(Continued)

RULE 4 - SUPPLY OF SERVICE (CONTINUED)

I. RELOCATION OF FACILITIES (Continued)

(2) The relocation of Company facilities, when done at the request of others, is at the applicant's expense and payment of the Company's estimated cost of the relocation is required in advance of construction. When the request is from an affected property owner and the facilities are on the customer's property, the charges for relocation of distribution system facilities are limited to estimated contractor costs, estimated direct labor and estimated material costs, less an amount equal to any estimated maintenance expense avoided as a result of the relocation. **(C)**

J. EMERGENCY ASSISTANCE

The Company may, upon request, assist in emergencies to correct defects in and make temporary repairs to the customer's installation. Any such assistance shall be accepted by the customer without involving responsibility on the part of the Company.

K. CHANGE IN SERVICE CONDITIONS

The Company may, upon request, make a change in service conditions provided the customer pays the estimated fully allocated cost to be incurred by the Company.

EMF and Health Information

FACT SHEET

What is EMF?

“EMF” is an abbreviation for “electric and magnetic fields” and “electromagnetic fields.” Power lines, appliances, and home wiring all produce electric and magnetic fields. “EMF” is also often used by people as shorthand for just “magnetic fields,” which some people are concerned about, so that is what “EMF” refers to here.

Is EMF “radiation” like medical X-rays or ultraviolet sunlight? No.

Radiation from medical X-rays and from the ultraviolet part of sunlight is strong enough to damage DNA. EMF from power lines, appliances, and home wiring is not.

What are the EMF levels from common sources? (in milligauss)

Examples of EMF Sources*	
Coffee makers	7
Electricity distribution line – upper level of typical average	20
Dishwashers	20
500 kV electricity transmission line -- typical average at end of right of way	30
Electricity distribution line -- typical maximum above underground line	40
Florescent lights	40
Electricity distribution line -- typical maximum under overhead line	70
Blenders	70
500 kV electricity transmission line -- typical average under line	87
Toasters	100
Hair dryers	300
Can openers	600

* People typically change activities and locations during a day, so we are exposed to a variety of sources of EMF and a wide range of field levels. In the table above, field levels are taken from the U.S. National Institute of Environmental Health Sciences (NIEHS) EMF Questions & Answers, pages 33-35 (median level at 6 inches from appliances), page 36 (distribution lines), and page 37 (transmission lines). As noted by NIEHS, field levels of transmission lines can approximately double during peak loads, which occur about 1% of the time.

What conclusions have public health authorities reached about whether EMF causes health effects?

The EMF health research has been examined by governmental public health authorities and public health organizations in over 160 reports. The World Health Organization has examined the reports on the research and says on its website:

“Based on a recent in-depth review of the scientific literature, the World Health Organization concluded that current evidence does not confirm the existence of any health consequences from exposure to low level electromagnetic fields.”

(<http://www.who.int/peh-emf/about/WhatisEMF/en/index1.html>, section 2, “Conclusions from scientific research.”)

Q. Are there any exposure limits for EMF in Pennsylvania?

A. Pennsylvania has not adopted any electric or magnetic field exposure limits.

Q. What is PPL Electric Utilities doing about EMF?

A. PPL Electric Utilities has a magnetic field management program to design and build new lines when practicable in ways that reduce magnetic fields at low or no cost to our customers. For example, the options we will consider for new lines include:

- Reversing the phases of new overhead double-circuit transmission lines, which can result in some cancellation of magnetic fields from the line and lowers the magnetic fields at the edge of the right of way.
- Building new transmission and distribution lines higher than previous designs because the level of magnetic fields at ground level will be lower.

Magnetic field management is considered in the process we use to site new facilities, balancing cost and function with land use and environmental concerns.

Q. Where can I get additional information on EMF?

A. This guide contains detailed information on EMF. More information is also available at the PPL Electric Utilities website at www.PPLElectric.com/EMF. If you would like to speak with someone at PPL Electric Utilities about EMF, please call **1-800-DIAL-PPL (1-800-342-5775)**.

Mark J. Musheno, PE
Senior Engineer – Regional Reliability
PPL Electric Utilities
827 Hausman Rd
Allentown, PA 18104
484-634-3723



January 15, 2021

Donald Mion
1079 AQUARIUS DR, WLE
LAKE ARIEL, PA 18436

Re: 1079 Aquarius Dr

Dear Donald,

On 15, January 2021, PPL conducted an EMF investigation near your property on Aquarius Dr in Lake Ariel. The EMF readings were recorded between approximately 09:30 and 10:30. Since magnetic field levels change as the amount of electrical current changes, readings taken on other days or at different times may vary.

The magnetic field strength was determined using Lutron EMF-828, and was recorded in milligauss (mG), or thousandths of a Gauss. These measurements represent the density of the invisible magnetic lines of force present at the meter for that specific location and time. Measurements were taken at the following locations near your home:

- 5.6 mG at pole 68013N45907, one span west of recloser pole
- 5 mG at recloser pole 68027N45906
- 3.6 mG midspan, at entrance of garage
- 4.1 mG at pole 68039N45903, intersection of Aquarius Dr and Mustang Rd
- 5 mG at pole 68050N45897, one span east of Mustang Rd

A diagram of the readings is enclosed. Please reference the information available on our website regarding electric and magnetic fields: <https://www.pplelectric.com/emf>

If you have any questions or need further assistance, please contact me at the number above.

Sincerely,

Mark J. Musheno, PE



EMF Readings – 1079 Aquarius Drive, Lake Ariel