

331 Shady Ridge Drive
Monroeville, PA 15146

January 24, 2017

Via Paper Filing

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17105-3265

RE: Michele Hriadil and Francis Hriadil v. Duquesne Light Company
Docket No. C-2016-2571726

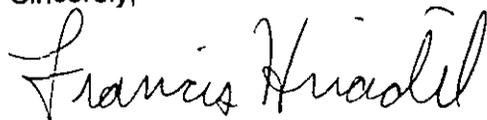
Dear Secretary Chiavetta:

Enclosed please find Complainants Correction to Pulse Transmission Table presented in our January 9, 2017 Response to Respondent's Answer and New Matter to Formal Complaint.

A copy of this document has been served upon the Respondent's Counsel, Jeremy V Farrell, Esquire, in accordance with Commission regulations.

Please feel free to contact me if you have any questions.

Sincerely,



Francis Hriadil
Complainant
(412) 779-3314
hriadil@attglobal.net

Enclosure

Cc: Jeremy V Farrell, Esquire, Counsel for Duquesne Light Company (with enclosure)

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

MICHELE HRIADIL and
FRANCIS HRIADIL,

Complainant,

vs.

DUQUESNE LIGHT COMPANY,

Respondent.

No: C-2016-2571726

**Correction to Pulse Transmission Table
in Complainants Response to
ANSWER AND NEW MATTER TO
FORMAL COMPLAINT**

Filed by Michele and Francis Hriadil

hriadil@attglobal.net
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331 Shady Ridge Drive
Monroeville, PA 15146

**CORRECTION to PULSE TRANSMISSION TABLE in COMPLAINANTS RESPONSE
to ANSWER AND NEW MATTER TO FORMAL COMPLAINT**

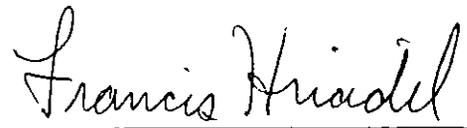
TO: RESPONDENT'S GENERAL COUNSEL, JEREMY V FARRELL, ESQUIRE, AND LAUREN N
RULLI, ESQUIRE .

ECLOSED IS A CORRECTION TO the PULSE TRANSMISSION TABLE PRESENTED IN OUR
WRITTEN RESPONSE TO THE ANSWER AND NEW MATTER OF RESPONDENT DUQUESNE
LIGHT COMPANY.

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU



Francis Hriadil
January 24, 2017

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

MICHELE HRIADIL and
FRANCIS HRIADIL,

Complainant,

vs.

DUQUESNE LIGHT COMPANY,

Respondent.

No: C-2016-2571726

**Correction to Pulse Transmission Table in Complainants Response to
ANSWER AND NEW MATTER TO FORMAL COMPLAINT**

TO THE HONORABLE COMMISSION:

Complainants (we) caught a slight mathematical error in the pulse transmission table of numbers that we presented in Complainants Response 4 (3) (a). on page 11 of Complainants January 9, 2017 Response to Respondent's Answer and New Matter to Formal Complaint.

This confusion and error occurred because DR. SHKOLNIKOV, Affirmed FortisBC Inc. (an EDC) expert incorrectly answered a question before the British Columbia Utilities Commission concerning the average pulse transmissions per day of the Itron SK9AMI7 OpenWay Centron Smart Meter. Initially, DR. SHKOLNIKOV stated that

"the average is approx I believe 1,286 per bursts of transmission per day."

He was subsequently corrected, and it was stated that the true average pulse transmissions per day is 1,268, not 1,286. The incorrect number of 1,286 was used to calculate the numbers in our pulse transmission table.

We redid the calculation with the correct average pulse transmissions per day of 1,268.

The information presented there in 4 (3) (a).stated

“These 2 pieces of information establish that the Mean/Average Duty Cycle of 0.06% equates to the quoted average of 1,286 pulse transmissions per day, which further establishes that the actual Transmission Burst Time Interval is closer to 41 millisecc = 0.041 sec, than the 150 millisecc quoted in the Itron White Paper.

With this piece of data, the pulse transmission table on page 10 becomes

	Duty Cycle	Time in 24 hr	Number of Pulse Transmissions in 24 hr
Minimum	0.02%	18.31 sec	429 (once every 3.36 min)
Mean	0.06%	53.14 sec	1,286 (once every 1.12 min)
Maximum	0.58%	497.80 sec	12,431 (once every 7.0 sec)
Abs Max	5.0%	~ 4,291 sec	107,167 (once every 0.81 sec)
“Expected” Max	1.0%	~ 858 sec	21,433 (once every 4.0 sec)

In either case, the evidence is clear that the SK9MIA7 Smart Meters broadcast 100s to 1000s of pulse transmissions, like a pulsating strobe, on a regular basis throughout the day, 24 hrs a day, 7 days a week.”

The corrected information that should replace it is presented below.

“These 2 pieces of information establish that the Mean/Average Duty Cycle of 0.06% equates to the quoted average of **1,268 pulse transmissions per day**, which further establishes that the actual Transmission Burst Time Interval is closer to **42 millisecc = 0.042 sec**, than the 150 millisecc quoted in the Itron White Paper.

With this piece of data, the pulse transmission table on page 10 becomes

	Duty Cycle	Time in 24 hr	Number of Pulse Transmissions in 24 hr
Minimum	0.02%	18.31 sec	423 (once every 3.40 min)
Mean	0.06%	53.14 sec	1,268 (once every 1.14 min)
Maximum	0.58%	497.80 sec	12,257 (once every 7.0 sec)
Abs Max	5.0%	~ 4,291 sec	105,667 (once every 0.82 sec)
“Expected” Max	1.0%	~ 858 sec	21,133 (once every 4.1 sec)

In either case, the evidence is clear that the SK9MIA7 Smart Meters broadcast 100s to 1000s of pulse transmissions, like a pulsating strobe, on a regular basis throughout the day, 24 hrs a day, 7 days a week.”

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

MICHELE HRIADIL and
FRANCIS HRIADIL,

Complainant,

vs.

DUQUESNE LIGHT COMPANY,

Respondent.

No: C-2016-2571726

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true copy of the foregoing document upon the participant listed below in accordance with the requirements of 52 PA. Code § 1.54 (relating to service by a participant):

Jeremy V Farrell, Esquire
Lauren N. Rulli, Esquire
1500 One PPG Place
Pittsburgh, PA 15222
(412) 594-5619 (Fax)

Counsel for Respondent, Duquesne Light Company

Dated this 24th day of January, 2017



Michele and Francis Hriadil
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Monroeville, PA 15146

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