

PENNSYLVANIA PUBLIC UTILITY COMMISSION  
Uniform Cover and Calendar Sheet

1. <b>REPORT DATE:</b> June 13, 2006	2. <b>BUREAU AGENDA NO.:</b> JUN-2006-FUS-1041*
3. <b>BUREAU:</b> Fixed Utility Services	5. <b>PUBLIC MEETING DATE:</b> June 22, 2006
4. <b>SECTION(S):</b> Energy	
6. <b>APPROVED BY:</b> Director: R. Rosenthal 3-5242 <i>RR</i> Manager: P. Diskin 4-5558 <i>PD</i> Legal Review by: <i>[Signature]</i>	9. <b>EFFECTIVE DATE OF FILING:</b> N/A
7. <b>PERSONS IN CHARGE:</b> Rodrock/Muriceak 3-6185	
8. <b>DOCKET NO.:</b> A-110150 F0034	

DOCUMENT  
FOLDER

DOCKETED  
SEP 07 2006

10. (a) CAPTION (abbreviate if more than 4 lines)  
 (b) Short summary of history & facts, documents & briefs  
 (c) Recommendation

- (a) Letter of Notification of Duquesne Light Company ("Duquesne") filed pursuant to 52 Pa. Code Chapter 57 to increase the voltage of a 5.2 mile long transmission line in West Mifflin Borough, City of Duquesne, North Versailles Township, Wilmerding Borough, and Monroeville Borough, Allegheny County, Pennsylvania.
- (b) On March 31, 2006, Duquesne filed the above-captioned Letter of Notification. Authority for this procedure is provided for at §57.72(d)(1)(vi). No protests were filed. No hearings were held.
- (c) The Bureau of Fixed Utility Services recommends that the Commission adopt the proposed Order.

11. MOTION BY: Commissioner Chm. Holland

SECONDED: Commissioner Cawley

Commissioner Shane - Yes  
Commissioner Pizzingrilli - Yes  
Commissioner Fitzpatrick - Yes

CONTENT OF MOTION: Staff recommendation adopted.



COMMONWEALTH OF PENNSYLVANIA  
PENNSYLVANIA PUBLIC UTILITY COMMISSION  
P.O. BOX 3265, HARRISBURG, PA 17105-3265

June 26, 2006

REFER TO OUR FILE

A-110150 F-0034

REGINA M SESTAK  
ASSISTANT GENERAL COUNSEL  
DUQUESNE LIGHT COMPANY  
411 SEVENTH AVENUE  
PITTSBURGH PA 15219

DOCUMENT  
FOLDER

Letter of Notification of Duquesne Light Company  
Filed pursuant to 52 Code Chapter 57 to increase  
The voltage of a 5.2 mile long transmission line in  
West Mifflin Borough, City of Duquesne, North  
Versailles Township, Wilmerding Borough, and  
Monroeville Borough, Allegheny County,  
Pennsylvania.

To Whom It May Concern:

This is to advise you that an Order has been adopted by the  
Commission in Public Meeting on June 22, 2006 in the above entitled  
proceeding.

An Order has been enclosed for your records

Very truly yours,

James J. McNulty  
Secretary

Enclosure  
Certified Mail  
Jeh

RJP

**PENNSYLVANIA  
PUBLIC UTILITY COMMISSION  
Harrisburg, PA 17105-3265**

Public Meeting held June 22, 2006

Commissioners Present:

Wendell F. Holland, Chairman  
James H. Cawley, Vice Chairman  
Bill Shane  
Kim Pizzingrilli  
Terrance J. Fitzpatrick

Letter of Notification of Duquesne Light Company filed pursuant to 52 Pa. Code Chapter 57 to increase the voltage of a 5.2 mile long transmission line in West Mifflin Borough, City of Duquesne, North Versailles Township, Wilmerding Borough, and Monroeville Borough, Allegheny County, Pennsylvania.

Docket Number:  
A-110150 F0034

**ORDER**

**BY THE COMMISSION:**

On March 31, 2006, Duquesne Light Company ("Duquesne") filed a Letter of Notification pursuant to 52 Pa. Code §57.72 (d)(1)(vi) of the Commission's transmission line siting regulations. Section 57.72 authorizes the abbreviated "Letter of Notification" siting application process when approval is being requested to construct a transmission line where the voltage is proposed to be increased above present levels, where a line is to be reconstructed, or where the line has a proposed length of two miles or less.

The Letter of Notification proposes to increase the voltage of an existing 5.2 mile transmission line (“the Line”) from 69 kilovolts (kV) to 138 kV. The Line is one circuit of a double-circuit transmission line identified as the Dravosburg-Wilmerding line (“Dravosburg-Wilmerding “). The second circuit on Dravosburg-Wilmerding presently operates at the 138 kV level. Dravosburg-Wilmerding connects the Duquesne Dravosburg Substation to the Duquesne Wilmerding Substation.

The existing 69 kV Dravosburg-Wilmerding line was upgraded for operation at 138 kV in 1958 and 1966. The upgrade consisted of replacing the steel crossarms with bowed laminated wood crossarms, modifying each tower with a single steel peak to accommodate one common shield wire for both circuits, tower and foundation reinforcement, replacing and relocating towers, and replacing the conductors and insulators. Duquesne states that the height of the structures and the span lengths will remain the same.

The Line will continue to be three-phase alternating current transmission line. Each circuit of Dravosburg-Wilmerding (including the Line) consists of three phase conductors with one shield wire common to both circuits. Each phase conductor is 24/13 Aluminum Conductor Alloy Reinforced (“ACAR”) conductor. The shield wire is a 7#8 Alumoweld conductor. No new construction, reconstruction, or modifications, except for routine maintenance items, will be required to increase the voltage from 69 kV to 138 kV on the Line.

Duquesne states that concerns have arisen regarding the limited transmission resources supplying the northeastern areas of Duquesne’s service territory. Increasing the transmission supply from 69 kV to 138 kV will increase the capacity of the transmission system, decrease the number of transformations to 69 kV and consequently

reduce losses and investment in 69 kV autotransformers, while addressing the need for extensive rehabilitation of aging substations.

Duquesne avers that increasing the voltage of the Line will support the proposed distribution rehabilitation at Wilmerding Substation. The upgrades planned to Wilmerding Substation are part of Duquesne's overall strategy to establish the eastern area source and eliminate 69 kV as a transmission supply voltage because:

- (1) Duquesne's aging 69 kV substation equipment requires increased maintenance on obsolete equipment with limited parts availability.
- (2) Conversion from 69 kV to 138 kV will reduce transmission system losses by eliminating double transformations resulting from the use of numerous 138 – 69 kV autotransformers to serve islands of 69 kV and by reducing current flow on the transmission line conductors due to the increased voltage level.
- (3) There is a need to improve voltage on the existing 69 kV system, which typically experiences the lowest system voltage following certain transmission system contingencies.

In 1966, the Line was modified and upgraded to increase the voltage from 69 kV to 138 kV. Although the Line has continued to operate at 69 kV since that time, the modifications were designed and constructed, and the Line has been operated and maintained, to meet or exceed the requirements of the National Electrical Safety Code ("NESC"). The operation and maintenance procedures for these Lines conform to

Duquesne's procedures for line clearance and vegetation management on rights-of-way. These standards meet or exceed all relevant NESC standards and all standards of the Federal Occupational Safety and Health Administrations.

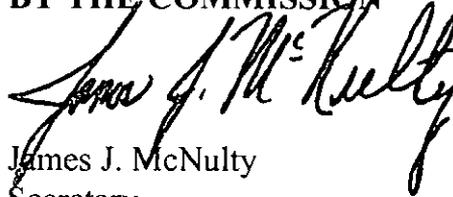
Duquesne states that in accordance with the provisions of 52 Pa. Code §57.72 (d)(3), a copy of this Letter of Notification was served by certified mail upon those who would have otherwise been entitled to receive a copy of an application or notice of filing an application as set forth in §57.74 (52 Pa. Code §57.74). No protests were filed. No hearings were held.

The formal Duquesne Letter of Notification and the manner in which it was filed conforms with the requirements of 52 Pa. Code §57.72. Moreover, the Commission has reviewed the filing and does not find it to be inconsistent with applicable law or Commission policy regarding transmission line siting; **THEREFORE,**

**IT IS ORDERED:**

That the Letter of Notification of Duquesne Light Company filed pursuant to 52 Pa. Code Chapter 57 to increase the voltage of an existing 5.2 mile long transmission line in West Mifflin Borough, City of Duquesne, North Versailles Township, Wilmerding Borough, and Monroeville Borough, Allegheny County, Pennsylvania, is hereby approved.

**BY THE COMMISSION**

  
James J. McNulty  
Secretary

(SEAL)

ORDER ADOPTED: June 22, 2006

ORDER ENTERED: JUN 26 2006

2. Article Number



7160 3901 9843 1135 5589

3. Service Type **CERTIFIED MAIL**

4. Restricted Delivery? (Extra Fee)  Yes

A-110150 F0034  
REGINA M SESTAK  
ASSISTANT GENERAL COUNSEL  
DUQUESNE LIGHT COMPANY  
41 SEVENTH AVENUE  
PITTSBURGH PA 15219

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

*John Allen*

B. Date of Delivery

*6-28-06*

C. Signature

*John Allen*

Agent  
 Addressee

D. Is delivery address different from item 1?

*X* YES, enter delivery address below:

Yes  
 No