

PENNSYLVANIA PUBLIC UTILITY COMMISSION
Uniform Cover and Calendar Sheet

1. <u>REPORT DATE:</u> October 18, 2005	2. <u>BUREAU AGENDA NO.</u> OCT-2005-FUS-1063*
3. <u>BUREAU:</u> Fixed Utility Services	5. <u>PUBLIC MEETING DATE:</u> October 27, 2005
4. <u>SECTION(S):</u> Energy	
6. <u>APPROVED BY:</u> Director: Rosenthal 3-5242 <i>R. Gill</i> Mgr/Spvr: Rodrock 3-6185 <i>A.E.R.</i> Legal Review: <i>[Signature]</i>	
7. <u>PERSONS IN CHARGE:</u> Rodrock/Gill 3-6185	9. <u>EFFECTIVE DATE OF FILING:</u> N/A
8. <u>DOCKET NO.:</u> A-110500F0362	

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

- (a) Letter of Notification of PPL Electric Utilities Corporation ("PPL") filed pursuant to 52 Pa. Code Chapter 57 with respect to the Dorneyville 138/69 kV Tap Rearrangement in Upper Macungie Township, Lehigh County, Pennsylvania.
- (b) On August 4, 2005, PPL Electric 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.

**DOCUMENT
FOLDER**

DOCKETED
NOV 08 2005

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
November 1, 2005

REFER TO OUR FILE

A-110500 F0362

DAVID B MACGREGOR
ANTHONY C DECUSATIS
MORGAN LEWIS & BOCKIUS LLP
1701 MARKET STREET
PHILADELPHIA PA 19103

DOCUMENT
FOLDER

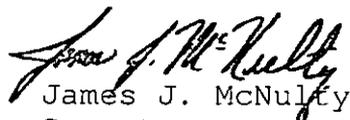
Letter of Notification of PPL Electric Utilities Corporation filed pursuant to 52 Pa. Code Chapter 57 with respect to the Dorneyville 138/69 kV Tap Rearrangement in Upper Macungie Township, Lehigh County, Pennsylvania

To Whom It May Concern:

This is to advise you that an Order has been adopted by the Commission in Public Meeting on October 27, 2005 in the above entitled proceeding.

An Order has been enclosed for your records.

Very truly yours,


James J. McNulty
Secretary

Enclosure
Certified Mail
LJM

PAUL E RUSSELL
PPL ELECTRIC UTILITIES CORPORATION
TWO NORTH NINTH STREET
ALLENTOWN PA 18101

DOCKETED
APR 24 2006

PENNSYLVANIA
PUBLIC UTILITY COMMISSION
Harrisburg, PA 17105-3265

Public Meeting held October 27, 2005

Commissioners Present:

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

DOCUMENT
FOLDER

Letter of Notification of PPL Electric Utilities
Corporation filed pursuant to 52 Pa. Code
Chapter 57 with respect to the Dorneyville 138/69
kV Tap Rearrangement in Upper Macungie
Township, Lehigh County, Pennsylvania

Docket Number:
A-110500 F0362

ORDER

DOCKETED
APR 24 2006

BY THE COMMISSION:

On August 4, 2005, PPL Electric Utilities Corporation ("PPL") 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.

PPL's Letter of Notification proposes to rearrange a section of the existing Dorneyville 138/69 kV Tap in Upper Macungie Township, Lehigh County, Pennsylvania in order to support the conversion of the Dorneyville Substation from 69-12 kV to 139-12 kV operation. PPL states the conversion is necessary to alleviate overloading two of the

69 kV transformers at PPL's Wescosville 500-230-138-69 kV Substation, which currently feed the Dorneyville Substation.

Copies of the siting application were served in accordance with Section 57.72(d)(3) on the Pennsylvania Department of Transportation, Pennsylvania Historical and Museum Commission, Department of Environmental Protection, Lehigh County, Lehigh Valley Planning Commission, Upper Macungie Township Board of Supervisors, Upper Macungie Township and the Upper Macungie Township Planning Commission.

A Notice of Transmission Line Construction was published in the newspapers of general circulation in the affected area. The required fifteen (15) day protest period ended on September 9, 2005. No protests were filed. No hearings were held.

The Dorneyville 69-12 kV Substation is presently supplied from the #1 and #2 69 kV transformers at the Wescosville 500-230-138-69 kV Substation via the double circuit Hosensack-Wescosville 69 kV Lines and the double circuit Dorneyville 138/69 kV Tap. PPL submits that there are two problems at the Wescosville Substation. First, during hot summer days, load on the #1 69 kV transformer has occasionally exceeded the normal transformer rating of 200 Mega Volt-Amperes ("MVA") which, in turn, caused the 69 kV transmission system to be operated outside of its normal configuration. Secondly, the unanticipated loss of either the #1 or the #2 transformer would interrupt service to about 65 MW of load, or approximately 10,000 customers, until repairs could be made.

To resolve the problems discussed above, PPL proposes to transfer the Dorneyville Substation load from the 69 kV transmission system to the 138 kV transmission system. The load transfer will be completed by removing one span of double circuit 69 kV transmission line, in order to isolate the Dorneyville 138/69 kV Tap

from the Hosensack-Wescosville #1 and #2 69 kV Lines. Then, approximately 500 feet of new double circuit 138 kV transmission line will be constructed to connect the Dorneyville Tap to the Siegfried-Wescosville #1 and #2 138 kV Transmission Lines. In order to accept load at 138 kV, the existing transformers at the Dorneyville Substation will be replaced with 138-12 kV units. The proposed solution will reduce the forecasted load on the Wescosville transformers by 38 MVA and, thereby, eliminate potential transformer overloading problems at the Wescosville Substation.

The proposed line arrangement will require the construction of approximately 500 feet of transmission line and the removal of approximately 250 feet of line. Three new poles will need to be installed to construct the new section of line.

PPL states that all of the proposed construction will take place on property that PPL already owns. No additional land or right-of-way is required.

PPL states that no railroads, airports, communications towers, pipelines or other utilities will be affected by the proposed modifications. Additionally, PPL states that a project review by the Pennsylvania Historical and Museum Commission has determined that this project will have no effect on archeological resources and that the project will not affect any unique geological, scenic or natural areas.

PPL states that the project will be designed, constructed, operated and maintained in accordance with National Electrical Safety Code requirements, PPL's design criteria and safety practices, and all applicable legal requirements.

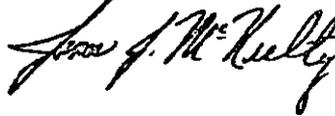
PPL states that construction of this project is scheduled to begin as soon as possible after the Commission grants siting approval in order to support the project's in-service date of May 2006.

The formal PPL 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 filed by PPL Electric Utilities Corporation with respect to the Dorneyville 138/69 kV Tap Rearrangement in Upper Macungie Township, Lehigh County, Pennsylvania is hereby approved.

BY THE COMMISSION



James J. McNulty
Secretary

(SEAL)

ORDER ADOPTED: October 27, 2005

ORDER ENTERED: **NOV 01 2005**

2. Article Number



7160 3901 9843 0731 0431

3. Service Type **CERTIFIED MAIL**

4. Restricted Delivery? (Extra Fee) Yes

1. Article Addressed to:

A-110500 F0362 ○

David B. MacGregor

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery
 11/16/05

C. Signature
 Agent
 Addressee

D. Is delivery address different from item 1?
 If YES, enter delivery address below:
 Yes
 No

PS Form 3811, February 2003¹ Domestic Return Receipt

2. Article Number



7160 3901 9843 0731 0462

3. Service Type **CERTIFIED MAIL**

4. Restricted Delivery? (Extra Fee) Yes

1. Article Addressed to:

A-110500 F0362 ○

Paul E. Russell

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature
 Agent
 Addressee

D. Is delivery address different from item 1?
 If YES, enter delivery address below:
 Yes
 No

PS Form 3811, February 2003¹ Domestic Return Receipt