



PENNSYLVANIA PUBLIC UTILITY COMMISSION
Uniform Cover and Calendar Sheet

1. <u>REPORT DATE:</u> July 30, 2007	2. <u>BUREAU AGENDA NO.</u> AUG-2007-FUS-1041*
3. <u>BUREAU:</u> Fixed Utility Services	
4. <u>SECTION(S):</u> Energy	5. <u>PUBLIC MEETING DATE:</u>
6. <u>APPROVED BY:</u> Director: Mgr/Spvr: Diskin  214-5558 Legal Review: 	August 8, 2007
7. <u>PERSONS IN CHARGE:</u> Okoro 2-0613	9. <u>EFFECTIVE DATE OF FILING:</u> N/A
8. <u>DOCKET NO.:</u> A-110150F0037	

DOCUMENT FOLDER

DOCKETED
 AUG 28 2007

- 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 Light) filed pursuant to 52 Pa. Code Chapter 57 for increasing the voltage to 138kV on a 6.4 mile long double circuit transmission line located in Indiana Township, Harmar Township, Springdale Township, and Springdale Borough, all in Allegheny County.
- (b) On June 18, 2007, Duquesne Light filed the above-captioned Letter of Notification. Authority for this procedure is provided for at §57.72(d)(1). No protests were filed and 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 Fitzpatrick - Yes
 Commissioner Christy - Yes
 Commissioner Pizzigrilli - Yes

RJP

CONTENT OF MOTION: Staff recommendation adopted.



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

IN REPLY PLEASE
REFER TO OUR FILE

August 13, 2007

A-110150F0037

REGINA M SESTAK ASS'T GENERAL COUNSEL
DUQUESNE LIGHT
411 SEVENTH AVENUE 8-2
PITTSBURGH PA 15219

Letter of Notification of Duquesne Light Company filed pursuant to 52 Pa. Code Chapter 57 for increasing the voltage to 138kV on a 6.4 mile long double circuit transmission line located in Indiana Township, Harmar Township, Springdale Township, and Springdale Borough, all in Allegheny County.

**DOCUMENT
FOLDER**

To Whom It May Concern:

This is to advise you that the Commission in Public Meeting on August 8, 2007 adopted an Order in the above entitled proceeding.

An Order has been enclosed for your records.

Very truly yours,

James J. McNulty
Secretary

Encls
Cert. Mail
JF

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

Public Meeting held August 8, 2007

Commissioners Present:

Wendell F. Holland, Chairman
James H. Cawley, Vice Chairman
Terrance J. Fitzpatrick
Tyrone J. Christy
Kim Pizzingrilli

**DOCUMENT
FOLDER**

Letter of Notification of Duquesne Light Company filed pursuant to 52 Pa. Code Chapter 57 for increasing the voltage to 138kV on a 6.4 mile long double circuit transmission line located in Indiana Township, Harmar Township, Springdale Township, and Springdale Borough, all in Allegheny County. A-110150 F0037

DOCKETED
SEP 22 2007

ORDER

BY THE COMMISSION:

On June 18, 2007, Duquesne Light Company (Duquesne Light) filed a Letter of Notification pursuant to 52 Pa. Code §57.72(d) (1) of the Commission's transmission line siting regulation. Section 57.72 authorizes the abbreviated "Letter of Notification" siting application process in lieu of an application for the following:

- i) An HV line which is proposed to be located entirely on an existing transmission line right-of-way, so long as the size, character design, or configuration of the proposed HV line does not substantially alter the right-of-way.

- ii) An HV line which is proposed to be located entirely within a public road.
- iii) An HV line which is proposed to be located entirely within applicant's existing transmission line right-of-way and the property of the sole customer to be served by the line, so long as the size, character, design, or configuration of the proposed HV line does not substantially alter the right-of-way.
- iv) A line for which the voltage is proposed to be increased above its present levels, so long as the size, character, design, or configuration of the proposed HV line does not substantially alter the right-of-way.
- v) An HV line having a proposed route of 2 miles or less.

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, Indiana Township Board of Supervisors, Municipal Authority of Harmar Township, Allegheny County Council, and other interested parties. No protests were filed. No hearings were held.

Duquesne Light's Letter of Notification seeks approval to increase the voltage of each circuit of an existing double circuit transmission line (Colfax-Pine Creek) from 69 kV to 138 kV. These circuits are presently identified as Colfax-Pine Creek No. 1 (66112) and Colfax-Pine Creek No. 2 (66113). A 1.2-mile segment of 66113 (now known as Z-66) is operating at 138 kV by approval granted by the Commission Order at Docket No. A-1 10150 F0036 entered December 5, 2006. The remaining 5.2 miles of circuit 66113, from Tower 1836 to Colfax Substation, is one circuit of Colfax-Pine Creek. The second circuit, 66112, is 6.4 miles in length and

presently operates at the 69kV level. Colfax-Pine Creek presently connects the Duquesne Light Colfax Substation to the Duquesne Light Pine Creek Substation.

Colfax-Pine Creek consists primarily of lattice steel towers constructed in the 1920s. In 1968, Colfax-Pine Creek was upgraded for operation at 138kV. After the upgrade, both circuits remained at 69kV until December 2006 when Z-66, the 1.2 mile portion of 66113 between Pine Creek Substation and Tower 1836, began operating at 138kv.

Duquesne Light states that the height of the structures and the span lengths on Colfax-Pine Creek will remain the same. The height of the existing structures ranges between 84 feet and 124 feet above the ground. Existing span lengths range from 65 to 1492 feet, with typical span lengths varying between 300 and 900 feet. The maximum span length on Colfax-Pine Creek is 1492 feet where it crosses the Pennsylvania Turnpike.

Duquesne Light states that Colfax-Pine Creek will continue to be a three-phase alternating current transmission line. Each circuit of Colfax Pine Creek consists of three phase conductors with one shield wire common to both circuits. Each phase conductor is 853.7 kcmil 24/13 Aluminum Conductor Alloy Reinforced (ACAR) conductor and the shield wire is a 7#8 Alumoweld conductor.

Duquesne Light states that the only new construction required to facilitate the proposed voltage upgrade to Colfax-Pine Creek consists of approximately 175 feet of new conductor on each circuit and one double circuit steel structure. This construction will take place within Duquesne Light's right-of-way located on property of Reliant Energy at the Cheswick generating station and will relocate the termination of Colfax-Pine Creek from Colfax Substation to the area known as the Cheswick East Yard. No

other new construction, reconstruction, or modifications, except for routine maintenance items, will be required to increase the voltage from 69kV to 138kV on this line.

Duquesne Light states that the conversion will improve low voltage conditions and overloading on area buses and lines under contingency situations, while extending the life of the transmission yard at Pine Creek Substation. Also, the conversion of Pine Creek Substation, including the Colfax-Pine Creek 69 kV lines, has been identified as a baseline upgrade through PJM's Regional Transmission Expansion Plan (RTEP). PJM has determined that this project will contribute to the mitigation of potential overload conditions

According to Duquesne Light, the 1968 modifications were designed and constructed, and the Line has been operated and maintained, to conform to Duquesne Light's transmission and distribution construction standards and Duquesne Light's procedures for line clearance and vegetation management on rights-of-way. These standards meet or exceed all relevant National Electrical Safety Code standards and all standards of the Federal Occupational Safety and Health Administration.

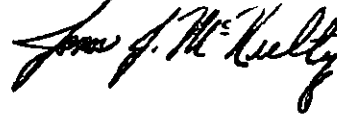
Duquesne Light states that the proposed in-service date for the remaining portion of Colfax-Pine Creek circuit 66113 at 138kV is September 2007 and the proposed in service date for circuit 66112 is December 2007.

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

IT IS ORDERED:

That the Letter of Notification filed by Duquesne Light to increase the voltage of each circuit of an existing double circuit transmission line (Colfax-Pine Creek) from 69 kV to 138 kV in Indiana Township, Harmar Township, Springdale Township, and Springdale Borough, all in Allegheny County, Pennsylvania, is hereby approved.

BY THE COMMISSION,



James J. McNulty
Secretary

(SEAL)

ORDER ADOPTED: August 8, 2007

ORDER ENTERED: **AUG 13 2007**

2. Article Number



7160 3901 9843 1292 0168

3. Service Type **CERTIFIED MAIL**

4. Restricted Delivery? (Extra Fee) Yes

1. Article Addressed to:

REGINA M SESTAK ASS'T GENERAL COUNSEL

A-110150F0037

O.

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

John Hill

B. Date of Delivery

15 AUG 2007

C. Signature

Agent
 Addressee

D. Is delivery address different from Item 1?
If YES, enter delivery address below:

Yes
 No

BTL