

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

COMMONWEALTH EDISON COMPANY	:	
	:	
Application of COMMONWEALTH EDISON	:	No.
COMPANY, for a Certificate of Public	:	
Convenience and Necessity, pursuant to Section	:	
8-406 of the Illinois Public Utilities Act, to	:	
construct, operate and maintain a new 138,000-volt	:	
electric transmission line in DeKalb County,	:	
Illinois.	:	

PETITION

Commonwealth Edison Company (“ComEd”) by its attorneys, Foley & Lardner LLP and Richard G. Bernet, Exelon Business Services Company, petitions the Illinois Commerce Commission (the “Commission” or “ICC”), pursuant to Section 8-406 of the Public Utilities Act, 220 ILCS § 5/8-406, for a Certificate of Public Convenience and Necessity and for an Order authorizing ComEd to construct, operate and maintain a new 138 kilovolt (“kV”) electric transmission line in DeKalb County, Illinois. In support of this petition, ComEd states:

1. ComEd is a corporation organized and existing under the laws of the State of Illinois with its principal office in Chicago, Illinois. ComEd is engaged in supplying electricity to the public in the northern portion of Illinois, and is a public utility within the meaning of Section 3-105 of the Public Utilities Act. 220 ILCS § 5/3-105.

2. This Petition seeks a Certificate of Public Convenience and Necessity authorizing ComEd to construct, operate and maintain approximately 2.8 miles of new 138 kV electric transmission line. The proposed line will begin at ComEd’s existing 138 kV transmission line in Sycamore Township, approximately one-half mile south of Baseline Road, and extend eastward

approximately 2.8 miles to a new electric service station (to be designated ESS-B200 on ComEd's system) to serve a new natural gas pipeline compressor station proposed by ComEd's customer Guardian Pipeline L.L.C. ("Guardian").

3. The proposed route of the transmission line is shown on the map attached hereto as Exhibit A and made a part hereof and described in Exhibit B, also attached hereto and made a part hereof. The route is the shortest available route from the Guardian compressor station to ComEd's existing 138 kV transmission system, and will allow for rapid construction of the proposed facilities at least cost.

4. The purpose of the proposed line is to provide adequate, efficient, and reliable electric power to ComEd's customer, Guardian, without negatively affecting service to ComEd's other customers. ComEd has determined that, given the starting and operating parameters of the Guardian compressor motor, ComEd's distribution voltage system would be unable to start the Guardian motor, and ComEd's other customers would experience unacceptable service and reliability, including extremely low voltage conditions. ComEd has determined that a 138 kV line will provide adequate and reliable service to Guardian and the effect on other customers will be within acceptable limits.

5. The proposed line will consist of a row of steel poles, approximately 100 to 110 feet tall, initially supporting one three-phase 138 kV circuit. The poles will be capable of supporting a second 138 kV circuit to serve future system needs. The installed 138 kV circuit will consist of three conductors, which will be strung in vertical configuration, with all of the circuit conductors supported by arms on the same side of the pole. A representative pole is shown on Exhibit A. The 138 kV circuit will have three 1113 kcmil steel-reinforced (ACSR) conductors. Each conductor will consist of a pair of 556.5 kcmil ACSR subconductors twisted

together, having an equivalent diameter of 1.496 inches. The two static wires consists of #6 aluminum-clad (AW) strands.

6. The estimated cost of the project is \$4.5 million in 2007 dollars, not including the cost of rights-of-way acquisition or substation and distribution costs, which are expected to be minimal.

7. ComEd has conducted a review of the right-of-way alternatives in the area to find a right-of-way that minimizes impact on existing land uses, minimizes environmental impact, and is least cost. ComEd has already obtained the necessary real estate rights to complete the proposed construction, and will take advantage of a pre-existing transmission line right-of-way, and will permit construction of the transmission line at the least cost.

8. ComEd is not requesting authority to use eminent domain in this proceeding.

9. Exhibit A shows the location of railroad tracks, the name of the railroad owning those tracks, the location of any pipelines and major power or communication lines to be crossed or paralleled within one-half mile of the line and the names of the companies owning the facilities. Additional power and communication lines routinely associated with the delivery of utility services exist within one-half mile of the line, but are too numerous to show on Exhibit A. None of these facilities will interfere with the proposed line. The following railroad, utility, and pipeline corporations have facilities that are crossed or paralleled within 200 feet of the proposed new line:

- Verizon North, Inc., formerly known as Continental Telephone Service Corp., underground cable
- Existing Guardian gas pipeline
- Norlight Telecommunications fiber optic line

10. Construction of the proposed line will not result in the removal of significant areas of agricultural land from cultivation. The proposed line and substation will neither occupy, nor transit, historic property. ComEd does not anticipate that the proposed project will have a significant impact on wetlands under the jurisdiction of the United States Army Corps of Engineers.

11. There are a number of restricted landing areas within five miles of the proposed line. The following fixed wing, helicopter and seaplane restricted landing areas are within five miles of the proposed line:

- Howard Ramme
- Aero Lake Estates
- Cecil Willis
- Richard A. Anderson
- Sycamore Fire Department Heliport
- Willadae Farms
- Colonial Acres

12. ComEd is capable of efficiently managing and supervising construction of the proposed line.

13. ComEd is capable of financing the construction of the proposed line without adverse financial consequences for ComEd or its customers.

14. Pursuant to 83 Ill. Admin. Code § 305.60, "Notification Procedure for Applications," notice of the filing of this Petition has been sent to the utilities and railroad whose names and addresses are set forth on the Affidavit of Notification attached as Exhibit C. In addition, notice of the filing of this Petition has been sent to the public officials and other interested parties also identified on Exhibit C.

15. Pursuant to 83 Ill. Admin. Code § 200.150(h), a list containing the names and addresses of each record owner of privately owned tracts of land, upon or across which the proposed transmission line will be constructed, as disclosed by the records of the tax collector of DeKalb County, as of not more than thirty (30) days prior to the filing of this Petition, is attached hereto as Exhibit D and made a part hereof.

16. Pursuant to 83 Ill. Admin. Code § 200.150(f) a Notice of Hearing, suitable for publication, is attached hereto as Exhibit E and made a part hereof.

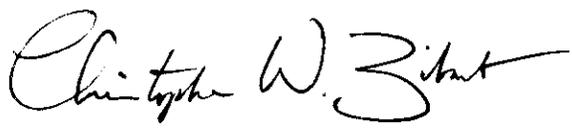
17. The construction, operation, and maintenance of the transmission line described herein and the making from time to time of all necessary additions, extensions, substitutions or repairs and improvements to said line and the transaction of an electric public utility business in connection therewith will promote the public convenience and is necessary thereto.

WHEREFORE, Commonwealth Edison Company respectfully requests that the Commission: Issue a Certificate of Public Convenience and Necessity authorizing ComEd, in accordance with the provisions of Section 8-406 of the Public Utilities Act, 220 ILCS § 5/8-406, to construct, operate, and maintain an electric transmission line on the right-of-way shown on Exhibit A and described in Exhibit B, and to transact the business of an electric public utility in connection therewith.

Dated: August 13, 2007

Respectfully submitted,

Commonwealth Edison Company

By: 
One of the attorneys for
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VERIFICATION

Michael B. McMahan, being first duly sworn, states that he is Vice President, Technical Services for Commonwealth Edison Company, that he has read the foregoing Petition, that he is knowledgeable of the facts stated therein and that the facts stated therein are true and correct to the best of his information and belief.


Michael B. McMahan, P.E.

SUBSCRIBED AND SWORN to
Before me on this 9 day of
August, 2007.

Vita D. Murchison

