

**STATE OF ILLINOIS**  
**ILLINOIS COMMERCE COMMISSION**

COMMONWEALTH EDISON COMPANY	:	
	:	
Application of COMMONWEALTH EDISON	:	
COMPANY, for a Certificate of Public	:	Docket No. 05-0188
Convenience and Necessity, pursuant to Section 8-	:	
406, and an order, pursuant to Section 8-503, of the	:	
Illinois Public Utilities Act, authorizing and	:	
directing the Petitioner to construct, operate and	:	
maintain new 345,000 and 138,000 volt electric	:	
transmission lines and to expand a substation in	:	
Cook County, Illinois.	:	

**VERIFIED MOTION FOR LEAVE TO FILE AMENDED PETITION**

Petitioner Commonwealth Edison Company ("ComEd"), by its attorneys, moves pursuant to Commission Rule 200.140, 83 Ill. Admin. Code § 200.140, for leave to file an Amended Petition in this docket. In support of its motion, ComEd states as follows:

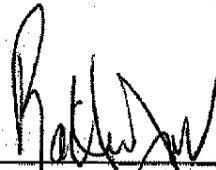
1. ComEd filed its Petition on March 17, 2005. Numbered paragraph eight of ComEd's Petition stated that ComEd had not acquired all property rights necessary to complete the proposed construction, and that ComEd reserved the right to amend its petition to seek authority for eminent domain.

2. Since the filing of its Petition, ComEd has continued to negotiate in good faith with the landowners of the parcels that ComEd needs for the construction, but has not yet obtained. With respect to all but one parcel of property, ComEd expects that negotiations will result in its acquisition of such parcels by agreement.



**VERIFICATION**

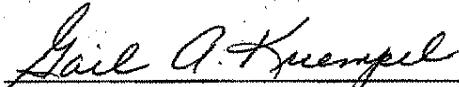
Robert M. Jones, Sr., being first duly sworn, states that he holds the position of Manager, Acquisitions of Commonwealth Edison Company, that he has read the foregoing Verified Motion For Leave to File Amended Petition, that he is knowledgeable of the facts stated therein and that the facts stated therein are true and correct to the best of his information and belief.



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Robert M. Jones, Sr.  
Manager, Acquisitions  
Commonwealth Edison Company

SUBSCRIBED AND SWORN to  
before me this 29 th day of  
April, 2005.



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Notary Public



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**ILLINOIS COMMERCE COMMISSION**

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maintain new 345,000 and 138,000 volt electric	:	
transmission lines, and to expand an existing	:	
electric substation in Cook County, Illinois.	:	

**AMENDED PETITION**

To the Illinois Commerce Commission:

Commonwealth Edison Company ("ComEd"), by its attorneys, petitions the Illinois Commerce Commission (the "Commission"), pursuant to Section 8-406 of the Public Utilities Act (220 ILCS § 8-406) for a Certificate of Public Convenience and Necessity; and for an order, pursuant to Section 8-503 of the Public Utilities Act (220 ILCS § 8-503), authorizing and directing the ComEd to construct, operate and maintain new 345 kilovolt and 138 kilovolt ("kV) electric transmission lines, and to expand an existing electric substation in Cook County, Illinois.

In support of this Amended 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), as amended (the "Act").

2. This Petition seeks a Certificate of Public Convenience and Necessity authorizing ComEd to construct, operate and maintain two new 345 kV electric transmission lines, two 138 kV transmission lines, and an expanded substation accommodating the new lines. The proposed transmission lines and substation will be located entirely within ComEd's existing service territory.

3. A proposed 345 kV circuit, approximately 9.6 miles in length, will connect ComEd's 345 kV switchyard outside the Crawford generating plant to the TSS 148 West Loop substation. A second proposed 345 kV circuit, approximately 3.4 miles in length, will connect the West Loop substation to ComEd's existing TSS 153 Taylor substation. ComEd proposes to expand its existing Crawford substation beyond its current configuration to accommodate the connection with the new 345 kV lines. One proposed 138 kV transmission line, approximately 3.3 miles in length, will connect the West Loop substation to TSS 40 Diversey. One proposed 138 kV transmission line, approximately 1.6 miles in length, will connect the West Loop substation to TSS 54 Clybourn. The proposed routes of the transmission lines are 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.

4. The overall purpose of the proposed project is to increase the electric power supply to the central business district in the City of Chicago. Electric consumption in the central business district has been growing and will continue to grow for the next several years. Based on ComEd's projections, the load in the northern business district will exceed the 138kV line

capacity in 2008, creating a capacity deficit in the northern business district. At the present time, there is no source of 138 kV power north of the central business district; 138 kV power is transmitted to the area over 138 kV transmission lines. The new 345 kV lines will supply new 345-to-138 kV transformers at the West Loop substation north of the central business district, resulting in a new source of 138 kV power in the area. The new lines are necessary to provide adequate, efficient, and reliable service to ComEd's customers. Moreover, a 345 kV connection between the Crawford, West Loop and Taylor substations will allow those substations to reinforce each other in case of an outage. The new line will thereby increase the reliability of supply to ComEd's customers in the City of Chicago. The purpose of the substation expansion at the Crawford switchyard is to accommodate the additional 345 kV lines proposed in this petition. The existing 345 kV bus must be extended beyond the boundaries of ComEd's current property to facilitate this new connection. The two new 138 kV circuits from West Loop to the Diversey and Clybourn substations will allow this power to be transmitted to these two existing 138 kV substations north of the central business district, reinforcing their supply and expanding capacity.

5. From ComEd's existing Crawford substation, which ComEd proposes to expand to the north of its current location, to the vicinity of ComEd's existing Fisk substation, the 345 kV circuit will consist of a three-phase circuit supported by steel poles. As shown on Exhibit A, a new line of double-circuit steel poles will extend from the Crawford station 1.6 miles to join an existing line of double-circuit poles. The remainder of the 345 kV circuit from Crawford to the vicinity of Fisk station will utilize an existing circuit, currently energized at 138 kV. This circuit was built to support safe and reliable operation at 345 kV, as authorized by the Commission in Docket No. 92-0186, and as modified in Docket No. 96-0388.

As shown on Exhibit A, from a new underground-overhead transition near Fisk substation to the intersection of Taylor Street and Clinton Street, the proposed 345 kV circuit will be installed underground in a new conduit bank. As further shown on Exhibit A, there will be two 345 kV circuits running from the intersection of Taylor Street and Clinton Street to West Loop TSS, installed underground in a new conduit bank. A portion of the connection to Taylor TSS will be installed underground in a new conduit bank, and a portion will be installed in new plastic conduits to be located within an existing freight tunnel. ComEd will install into these conduit banks three 345 kV power cables per circuit with copper conductor approximately 45 millimeters in diameter.

A proposed 138 kV transmission circuit will extend from West Loop TSS to Clybourn TSS. Another proposed 138 kV transmission circuit will extend from West Loop TSS to Diversey TSS. The two circuits will be placed in a new underground conduit bank, which will hold both 138 kV circuits on the same route from West Loop TSS to Clybourn TSS, with the single circuit continuing in new conduit bank to Diversey TSS. ComEd will install into these conduit banks three 138kV power cables per circuit with copper conductor approximately 45 millimeters in diameter.

6. The estimated direct cost of the proposed facilities for which the Certificate is sought is \$103 million in 2006 dollars, exclusive of right-of-way acquisition. This includes \$85 million in transmission line construction, and \$18 million for the expansion of the Crawford substation.

7. ComEd has reviewed the route alternatives in the area and proposes a route that minimizes environmental impact and restoration costs, and is least-cost. The proposed route

uses, where possible, existing overhead facilities, existing freight tunnels, and City streets to minimize the acquisition of new property rights. The proposed site of the Crawford substation expansion is onto property directly adjacent to ComEd's existing substation.

8. Portions of the proposed project will be constructed on what is currently private property. ComEd has, in accordance with the Commission's regulations, notified private landowners of the proposed project, and has engaged in good faith negotiations seeking to obtain the required property rights through voluntary purchase and sale. As to at least one parcel, ComEd has, despite offering fair value and conducting substantial good faith negotiations, been unable to reach an agreement for the purchase of the property. ComEd therefore requests, pursuant to Section 8-503 of the Public Utilities Act, that the Commission order and direct ComEd to construct the proposed facilities, thereby approving pursuant to Section 8-509 of the Public Utilities Act the use of eminent domain to obtain the necessary right-of-way.

9. Exhibit A shows the location of railroad tracks and the names of the railroads owning those tracks, to be crossed or paralleled within one-half mile of the lines. ComEd has determined the location of pipelines and major power or communication lines and the names of the utilities owning or operating such lines that are crossed or paralleled within 200 feet of the proposed new lines, but these facilities – most of which are underground and occupy the same streets as the proposed lines – are too numerous to show clearly on Exhibit A. None of these facilities will interfere with the proposed lines. A list showing the owners of railroads, electric supply lines, communication lines, or pipeline facilities that are crossed or paralleled within 200 feet of the proposed new lines is included in Exhibit C hereto.

10. Construction of proposed line and expanded substation will not result in the removal of any agricultural land from cultivation. The proposed line and expanded substation will neither occupy, nor transit, historic property. The proposed project will have no impact on wetlands under the jurisdiction of the United States Army Corps of Engineers. The line and substation will have no effect on aviation.

11. ComEd is capable of efficiently managing and supervising construction of the proposed line and expanded substation.

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

13. 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 railroads whose names and addresses are set forth on the Affidavit of Notification, attached hereto as Exhibit C and made a part hereof. 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 hereto.

14. 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 and expanded substation will be constructed, as disclosed by the records of the tax collectors of Cook 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.

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

16. The construction, operation, and maintenance of the transmission line and substation described herein and the making from time to time of all necessary additions, extensions, substitutions or repairs and improvements to said line and substation, 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 requests that the Commission issue a Certificate of Public Convenience and Necessity authorizing and directing ComEd, in accordance with the provisions of Section 8-406 and 8-503 of the Public Utilities Act, 220 ILCS §§ 5/8-406 and 5/8-503, to construct, operate, and maintain the new 345,000 and 138,000 volt electric transmission lines, and an expanded electric substation, 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 at Chicago, Illinois, this \_\_\_\_th day of April, 2005.

Respectfully submitted,

COMMONWEALTH EDISON COMPANY

By: \_\_\_\_\_  
One of the attorneys for  
Commonwealth Edison Company

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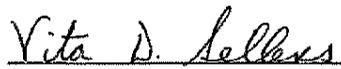
STATE OF ILLINOIS     )  
  ) SS:  
COUNTY OF DU PAGE    )

**VERIFICATION**

Mark F. Alden, being first duly sworn, states that he holds the position of Vice President, Projects and Contract Management of Commonwealth Edison Company, that he has read the foregoing Amended 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.

  
\_\_\_\_\_  
Mark F. Alden  
Vice President, Projects and Contract Management  
Commonwealth Edison Company

SUBSCRIBED AND SWORN to  
before me this 29th day of  
April, 2005.

  
\_\_\_\_\_  
Notary Public



## Route Description

### CRAWFORD – WEST LOOP 345kV LINE

ONE PROPOSED 345KV TRANSMISSION LINE TO BE LOCATED IN THE CITY OF CHICAGO, COOK COUNTY ILLINOIS:

SAID TRANSMISSION LINE TO BEGIN AT COMED'S EXISTING CRAWFORD SUBSTATION, AS EXPANDED, LOCATED ON THE WEST SIDE OF PULASKI ROAD IN SECTION 34, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN. SAID TRANSMISSION LINE TO PROCEED NORTH TO 35<sup>TH</sup> STREET. THENCE EASTERLY ALONG 35<sup>TH</sup> STREET ACROSS PULASKI ROAD APPROXIMATELY SIX HUNDRED (600) FEET. THENCE NORTHEASTERLY APPROXIMATELY SEVEN HUNDRED AND SIXTY (760) FEET. THENCE EASTERLY APPROXIMATELY FOUR THOUSAND THREE HUNDRED AND FIFTY (4,350) FEET. THENCE SOUTHEASTERLY APPROXIMATELY ONE THOUSAND THREE HUNDRED (1,300) FEET TO THE WEST SIDE OF KEDZIE AVENUE. THENCE SOUTH ALONG THE WEST SIDE OF KEDZIE AVENUE APPROXIMATELY TWO HUNDRED (200) FEET. THENCE SOUTHEASTERLY APPROXIMATELY TWO HUNDRED AND FIFTY (250) FEET TO COMED'S EXISTING TRANSMISSION LINE CERTIFIED UNDER DOCKET # 92-0186. THENCE EASTERLY ALONG SAID EXISTING TRANSMISSION LINE APPROXIMATELY FIFTEEN THOUSAND AND SIX HUNDRED (15,600) FEET TO COMED'S EXISTING FISK SUBSTATION IN SECTION 29, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN. THENCE ACROSS COMED'S EXISTING FISK SUBSTATION APPROXIMATELY ONE THOUSAND AND FOUR HUNDRED (1,400) FEET TO CERMAK ROAD. THENCE EASTERLY ALONG CERMAK ROAD APPROXIMATELY ONE THOUSAND AND FIVE HUNDRED (1,500) FEET TO SOUTH CANALPORT AVENUE. THENCE NORTHEASTERLY ALONG SOUTH CANALPORT AVENUE APPROXIMATELY TWO THOUSAND (2,000) FEET TO UNION STREET. THENCE NORTH ALONG UNION STREET APPROXIMATELY TWO THOUSAND AND SIX HUNDRED (2,600) FEET TO 14<sup>TH</sup> STREET. THENCE EAST ALONG 14<sup>TH</sup> STREET APPROXIMATELY ONE THOUSAND AND TWO HUNDRED (1,200) FEET TO CLINTON STREET. THENCE NORTH ALONG CLINTON STREET APPROXIMATELY FOUR THOUSAND AND FOUR HUNDRED (4,400) FEET TO HARRISON STREET. THENCE WEST ALONG HARRISON STREET APPROXIMATELY FOUR HUNDRED (400) FEET TO JEFFERSON STREET. THENCE NORTH ALONG JEFFERSON STREET APPROXIMATELY FIVE THOUSAND AND EIGHT HUNDRED (5,800) FEET TO HUBBARD STREET. THENCE WEST ALONG HUBBARD STREET APPROXIMATELY EIGHT HUNDRED AND THIRTY (830) FEET TO UNION AVENUE. THENCE NORTH ALONG UNION AVENUE APPROXIMATELY ONE THOUSAND AND TWO HUNDRED (1,200) FEET TO ERIE STREET. THENCE WEST ALONG ERIE STREET APPROXIMATELY ONE THOUSAND THREE HUNDRED AND FIFTY (1,350) FEET TO MILWAUKEE AVENUE. THENCE NORTHWEST ALONG MILWAUKEE AVENUE

APPROXIMATELY TWO THOUSAND AND FIFTY (2,050) FEET TO ELSTON AVENUE. THENCE NORTH ALONG ELSTON AVENUE APPROXIMATELY ONE THOUSAND FOUR HUNDRED AND FIFTY (1,450) FEET. THENCE EAST UNDER THE NORTH BRANCH OF THE CHICAGO RIVER APPROXIMATELY THREE HUNDRED AND SIXTY (360) FEET TO COMED'S WEST LOOP SUBSTATION LOCATED ON THE WEST SIDE OF BRANCH AVENUE IN SECTION 5, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN.

#### **WEST LOOP - TAYLOR 345 kV LINE**

ONE PROPOSED 345KV TRANSMISSION LINE TO BE LOCATED IN THE CITY OF CHICAGO, COOK COUNTY ILLINOIS:

SAID TRANSMISSION LINE TO BEGIN AT COMED'S WEST LOOP SUBSTATION LOCATED ON THE WEST SIDE OF BRANCH AVENUE IN SECTION 5, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN. PROCEEDING UNDERGROUND IN A SOUTHERLY DIRECTION ON THE SAME ROUTE AS THE ABOVE-REFERENCED CRAWFORD - WEST LOOP 345KV LINE TO THE INTERSECTION OF CLINTON STREET AND TAYLOR STREET IN SECTION 16, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN. THENCE EASTERLY APPROXIMATELY FOUR HUNDRED (400) FEET TO A PROPOSED VERTICAL SHAFT CONNECTED TO A PROPOSED HORIZONTAL BOX TUNNEL (UNDER EXISTING TAYLOR STREET). THENCE PROCEEDING EASTERLY IN THE BOX TUNNEL APPROXIMATELY ONE HUNDRED (100) FEET TO CONNECT WITH AN EXISTING UNDERGROUND FREIGHT TUNNEL. THENCE EASTERLY AND NORTHERLY IN THE EXISTING UNDERGROUND FREIGHT TUNNEL APPROXIMATELY SEVEN HUNDRED (700) FEET TO A VERTICAL SHAFT LOCATED IN COMED'S EXISTING TAYLOR SUBSTATION LOCATED ON THE SOUTH SIDE OF TAYLOR STREET IN SECTION 16, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN.

#### **WEST LOOP - CLYBOURN 138kV LINE**

ONE PROPOSED 138KV TRANSMISSION LINE TO BE LOCATED IN THE CITY OF CHICAGO, COOK COUNTY ILLINOIS:

SAID TRANSMISSION LINE TO BEGIN AT COMED'S WEST LOOP SUBSTATION LOCATED ON THE WEST SIDE OF BRANCH AVENUE IN SECTION 5, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN. SAID TRANSMISSION LINE WILL USE COMED'S EXISTING UNDERGROUND TRANSMISSION LINE CERTIFIED UNDER DOCKET # 01-0833 FROM WEST LOOP SUBSTATION EASTERLY TO COMED'S EXISTING CROSBY SUBSTATION LOCATED ON THE NORTHEAST SIDE OF KINGSBURY STREET IN SECTION 4, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN. THENCE

PROCEEDING NORTHWESTERLY ALONG KINGSBURY STREET APPROXIMATELY FIVE THOUSAND AND FIVE HUNDRED (5,500) FEET TO COMED'S EXISTING CLYBOURN SUBSTATION LOCATED ON THE NORTHEAST SIDE OF CLYBOURN AVENUE IN SECTION 32, TOWNSHIP 40 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN.

**WEST LOOP - DIVERSEY 138kV LINE**

ONE PROPOSED 138KV TRANSMISSION LINE TO BE LOCATED IN THE CITY OF CHICAGO, COOK COUNTY ILLINOIS:

SAID TRANSMISSION LINE TO BEGIN AT COMED'S WEST LOOP SUBSTATION LOCATED ON THE WEST SIDE OF BRANCH AVENUE IN SECTION 5, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN. SAID TRANSMISSION LINE WILL USE COMED'S EXISTING UNDERGROUND TRANSMISSION LINE CERTIFIED UNDER DOCKET # 01-0833 FROM WEST LOOP SUBSTATION EASTERLY TO COMED'S EXISTING CROSBY SUBSTATION LOCATED ON THE NORTHEAST SIDE OF KINGSBURY STREET IN SECTION 4, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN. THENCE PROCEEDING NORTHWESTERLY ALONG KINGSBURY STREET APPROXIMATELY FIVE THOUSAND AND FIVE HUNDRED (5,500) FEET TO WISCONSIN STREET. THENCE NORTHEASTERLY ALONG WISCONSIN STREET APPROXIMATELY SIX HUNDRED (600) FEET TO CLYBOURN AVENUE. THENCE NORTHWESTERLY ALONG CLYBOURN AVENUE APPROXIMATELY EIGHT THOUSAND (8,000) FEET TO COMED'S EXISTING DIVERSEY SUBSTATION LOCATED ON THE NORTHEAST SIDE OF CLYBOURN AVENUE IN SECTION 30, TOWNSHIP 40 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN.