

FOREWORD

(1) This book is issued by the Company (Commonwealth Edison Company and its Public Service Company Division) as a reference and guide to its regulations and practices for the connection and supply of electric service. It is intended for the use of customers, architects, engineers, contractors, journeymen, and other persons engaged in the planning or construction of buildings, or the installing or replacing of equipment that is to be connected to and served from the Company's electrical distribution system.

(2) The information and requirements as referred to in the Company's rate schedules and herein contained, set forth the general conditions under which electric service will be supplied. In the event a condition arises which is not specifically covered in this book, the Company should be consulted in order to determine the applicable requirements.

(3) It is recommended that customers' electrical installations should conform with applicable State and local regulations and the standards of the National Fire Protection Association contained in the "National Electrical Code" and also that contracts for such installations should include the requirement that all electrical wiring and apparatus conform with the requirements of applicable governmental codes, as well as the standards of the National Fire Protection Association.

(4) The Company has representatives who will meet with the Customer and discuss any problem that may arise concerning his use of electric service.

(5) The term "Customer" as used herein includes a contractor, agent, or other representative acting for the Customer or the owner of the premises. Each requirement for specific equipment, facilities, or work to be done in connection with providing electric service to the Customer, shall

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I.C.C. DOCKET NO. 10-0051

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Date 8/12/10 Reporter TO

be the Customer's responsibility unless otherwise stated.

(6) The book on "Information and Requirements for the Supply of Electric Service" issued by the Commonwealth Edison Company, effective January 2, 1951, revised January 1, 1955 and March 30, 1955, is hereby superseded. As of the effective date shown on this sheet this book also applies in the territory served by the Public Service Company Division of Commonwealth Edison Company. The Public Service Company Division of Commonwealth Edison Company book "Information and Requirements for the Supply of Electric Service" effective January 15, 1949, revised September 18, 1952, January 1, 1955, and March 30, 1955, is hereby cancelled. Certain paragraphs of this book, pertaining to ownership and installation of pole lines and related facilities, do not apply to service under Rate 52 in the area formerly served by the Illinois Northern Utilities Company. The information and requirements in this book shall apply to installations on and after the effective date shown on each individual sheet. However, installations may be completed in accordance with previous requirements provided the installation had been started prior to the effective date of the revised requirements.

SECTION II

TRANSFORMER INSTALLATIONS ON CUSTOMER'S PROPERTY

General

(2.01) Where line voltage (2160 volts or higher) is reduced on the Customer's property to the service voltage required by the Customer, the facilities necessary to accommodate the transformer or transformers will be either (1) an Electric Service Station, if furnished, installed, owned, and maintained by the Company, or (2) a Customer Transformer Station, if furnished, installed, owned, and maintained by the Customer. Such facilities may be of the pole-mounted, ground-, or vault-type.

Electric Service Station

(2.02) An Electric Service Station may include, in addition to the facilities to accommodate the transformer or transformers, facilities to accommodate primary metering equipment at the same location or within one span thereof furnished by the Company in accordance with Section VI. Where the Customer's utilization requires electricity to be distributed on the premises at line voltage (2160 volts or higher), the facilities to accommodate the primary metering equipment may of themselves constitute the Electric Service Station.

(2.03) The Company will install at its expense, where consistent with good engineering practice, a normal pole-mounted or ground-type Electric Service Station for non-residential customers, except that when the supply is from an underground system a vault-type installation may be considered normal. When Electric Service Station facilities in excess of normal are required, the Company will furnish, install, own, and maintain such facilities

in accordance with the provisions for furnishing "Excess Facilities".

(2.04) The Customer shall provide an acceptable Electric Service Station location and shall further provide in the case of a vault- or ground-type installation the concrete foundations, fences, fireproof enclosures, and ventilating, lighting, cooling water, and drainage facilities, and the like, as required, all in accordance with the Company's specifications.

Customer Transformer Station

(2.05) A Customer Transformer Station comprises customer-owned facilities to accommodate transformers used to reduce the line voltage to the Customer's service voltage.

(2.06) Non-residential customers shall provide a Customer Transformer Station if the Customer elects to own the transformers necessary to reduce the line voltage or if the transformers are connected to primary lines which extend beyond an Electric Service Station at which there is primary metering. Standard transformers and protective devices installed in conjunction with a Customer Transformer Station provided by a non-residential customer may be furnished and owned by the Company, in accordance with the provisions for furnishing "Excess Facilities", but shall be installed or removed by the Customer at his expense.

(2.07) If a residential customer does not desire to take secondary service from the Company's distribution system, he shall provide a Customer Transformer Station. Standard transformers and protective devices installed in conjunction with a Customer Transformer Station provided by a residential customer shall be furnished by the Company, at its expense, and shall be installed initially by the Customer at his expense. Where it is necessary to replace the transformers, such replacement will be made by the Company at its

expense, if it is not necessary to alter or replace the Customer Transformer Station. Where the Customer Transformer Station requires alteration or replacement, such alteration or replacement and the reinstallation of the transformers will be made by the Customer, at his expense.

Transportation of Transformers

(2.08) Where an Electric Service Station or Customer Transformer Station is accessible to the Company's truck, transformers will be transported to the station location. Where such station is not accessible any additional moving which may be necessary to place transformers in position for installation will be the Customer's responsibility. The transformers will be installed by the Company in an Electric Service Station and by the Customer in a Customer Transformer Station.

Facilities Furnished by the Customer

(2.09) All electric service facilities located on the premises on the load side of an Electric Service Station, except secondary metering equipment and standard transformers, shall generally be furnished, installed, owned, and maintained by the Customer. In those cases where the Customer installs bus bars to a vault-type Electric Service Station, the Company, in accordance with the provisions for furnishing "Excess Facilities", will furnish, install, own, and maintain bus bars within the vault and extending through the vault wall.

SECTION III

OVERHEAD SERVICE CONNECTIONS

PRIMARY SERVICE CONNECTIONS

Definition

(3.01) An overhead primary service connection is that portion of the overhead supply conductors, with supports if required, between the Company's primary distribution system (2160 volts and above) and an Electric Service Station, or, in the case of residential premises, the Customer Transformer Station.

All Classes of Customers

(3.02) The Company will furnish an overhead primary service connection extending from the Company's overhead distribution system to the first point of attachment on private property, which point is normally on the Customer's premises. The length of such connection shall not be in excess of that permitted by good engineering practice and Company standards applicable to the voltage of such connection.

Non-Residential Customers

(3.03) In case an Electric Service Station is located more than one span from the Company's overhead distribution system, the Company will furnish, install, own, and maintain the overhead primary service connection in accordance with the provisions for furnishing "Excess Facilities".

Residential Customers

(3.04) In case a residential Customer Transformer Station is located more than one span from the Company's overhead distribution system, the

Customer will furnish, install, own, and maintain the remainder of the overhead primary service connection including the first support on private property.

Customer-Owned Service Connection—Primary

(3.05) When the Customer installs the remainder of an overhead primary service connection, the Customer should consult the Company for detailed information regarding its installation. Customer-owned facilities shall be installed in accordance with the Company's specifications and shall be suitable for connection to the portion of the service connection supplied by the Company. When practicable, the Company will install, at its expense, suitable line protection equipment at the point at which the service connection is tapped to the Company's distribution system.

Clearances

(3.06) For service connections carrying a voltage of 2160 volts or higher, the Company should be consulted for clearance requirements.

SECONDARY SERVICE CONNECTIONS

Definition

(3.07) An overhead secondary service connection is that portion of the overhead supply conductors, with supports if required, between either the Company's secondary distribution system (480 volts and below) or the Electric Service Station and the Customer's service entrance equipment.

All Classes of Customers

(3.08) Where required, the Company will furnish a service drop to a customer's premises. A service drop is that portion of an overhead secondary service connection between a pole designated