

EXHIBIT A

KENTUCKY POWER COMPANY

AND

BANKERS TRUST COMPANY,

AS TRUSTEE

INDENTURE

Dated as of September 1, 1997

CROSS-REFERENCE TABLE

Section of Trust Indenture Act of 1939, as amended -----	Section of Indenture -----
310 (a)	7.09
310 (b)	7.08
.	7.10
310 (c)	Inapplicable
311 (a)	7.13
311 (b)	7.13
311 (c)	Inapplicable
312 (a)	5.01
.	5.02 (a)
312 (b)	5.02 (c)
.	5.02 (d)
312 (c)	5.02 (e)
313 (a)	5.04 (a)
313 (b)	5.04 (b)
313 (c)	5.04 (a)
.	5.04 (b)
313 (d)	5.04 (c)
314 (a)	5.03
314 (b)	Inapplicable
314 (c)	13.06 (a)
314 (d)	Inapplicable
314 (e)	13.06 (b)
314 (f)	Inapplicable
315 (a)	7.01 (a)
.	7.02
315 (b)	6.07
315 (c)	7.01 (a)
315 (d)	7.01 (b)
315 (e)	6.08

316 (a)	6.06
	8.04
316 (b)	6.04
316 (c)	8.01
317 (a)	6.02
317 (b)	4.03
318 (a)	13.08

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THIS INDENTURE, dated as of the 1st day of September, 1997, between KENTUCKY POWER COMPANY, a corporation duly organized and existing under the laws of the Commonwealth of Kentucky (hereinafter sometimes referred to as the "Company"), and BANKERS TRUST COMPANY, a corporation of the State of New York, as trustee (hereinafter sometimes referred to as the "Trustee"):

WHEREAS, for its lawful corporate purposes, the Company has duly authorized the execution and delivery of this Indenture to provide for the issuance of unsecured promissory notes or other evidences of indebtedness (hereinafter referred to as the "Securities"), in an unlimited aggregate principal amount to be issued from time to time in one or more series as in this Indenture provided, as registered Securities without coupons, to be authenticated by the certificate of the Trustee, and which will rank pari passu with all other unsecured and unsubordinated debt of the Company;

WHEREAS, to provide the terms and conditions upon which the Securities are to be authenticated, issued and delivered, the Company has duly authorized the execution of this Indenture;

WHEREAS, the Securities and the certificate of authentication to be borne by the Securities (the "Certificate of Authentication") are to be substantially in such forms as may be approved by a Company Order (as defined below), or set forth in this Indenture or in any indenture supplemental to this Indenture;

AND WHEREAS, all acts and things necessary to make the Securities issued pursuant hereto, when executed by the Company and authenticated and delivered by the Trustee as in this Indenture provided, the valid, binding and legal obligations of the Company, and to constitute these presents a valid indenture and agreement according to its terms, have been done and performed or will be done and performed prior to the issuance of such Securities, and the execution of this Indenture has been and the issuance hereunder of the Securities has been or will be prior to issuance in all respects duly authorized, and the Company, in the exercise of the legal right and power in it vested, executes this Indenture and proposes to make, execute, issue and deliver the Securities;

NOW, THEREFORE, THIS INDENTURE WITNESSETH:

That in order to declare the terms and conditions upon which the Securities are and are to be authenticated, issued and delivered, and in consideration of the premises, of the purchase and acceptance of the Securities by the holders thereof and of the sum of one dollar (\$1.00) to it duly paid by the Trustee at the execution of these presents, the receipt whereof is hereby acknowledged, the Company covenants and agrees with the Trustee, for the equal and proportionate benefit (subject to the provisions

of this Indenture) of the respective holders from time to time of the Securities, without any discrimination, preference or priority of any one Security over any other by reason of priority in the time of issue, sale or negotiation thereof, or otherwise, except as provided herein, as follows:

ARTICLE ONE
DEFINITIONS

SECTION 1.01. The terms defined in this Section (except as in this Indenture otherwise expressly provided or unless the context otherwise requires) for all purposes of this Indenture, any Company Order, any Board Resolution, and any indenture supplemental hereto shall have the respective meanings specified in this Section. All other terms used in this Indenture which are defined in the Trust Indenture Act of 1939, as amended, or which are by reference in such Act defined in the Securities Act of 1933, as amended (except as herein otherwise expressly provided or unless the context otherwise requires), shall have the meanings assigned to such terms in said Trust Indenture Act and in said Securities Act as in force at the date of the execution of this instrument.

Affiliate:

The term "Affiliate" of the Company shall mean any company at least a majority of whose outstanding voting stock shall at the time be owned by the Company, or by one or more direct or indirect subsidiaries of or by the Company and one or more direct or indirect subsidiaries of the Company. For the purposes only of this definition of the term "Affiliate", the term "voting stock", as applied to the stock of any company, shall mean stock of any class or classes having ordinary voting power for the election of a majority of the directors of such company, other than stock having such power only by reason of the occurrence of a contingency.

Authenticating Agent:

The term "Authenticating Agent" shall mean an authenticating agent with respect to all or any of the series of Securities, as the case may be, appointed with respect to all or any series of the Securities, as the case may be, by the Trustee pursuant to Section 2.10.

Authorized Officer:

The term "Authorized Officer" shall mean the Chairman of the Board, the President, any Vice President, the Treasurer, any Assistant Treasurer or any other officer or agent of the Company duly authorized by the Board of Directors to act in respect of matters relating to this Indenture.

Board of Directors or Board:

The term "Board of Directors" or "Board" shall mean the Board of Directors of the Company, or any duly authorized committee of such Board.

Board Resolution:

The term "Board Resolution" shall mean a copy of a resolution certified by the Secretary or an Assistant Secretary of the Company to have been duly adopted by the Board of Directors and to be in full force and effect on the date of such certification.

Business Day:

The term "Business Day", with respect to any Security, shall mean any day that (a) in the Place of Payment (or in any of the Places of Payment, if more than one) in which amounts are payable as specified in the form of such Security and (b) in the city in which the Trustee administers its corporate trust business, is not a day on which banking institutions are authorized or required by law or regulation to close.

Certificate:

The term "Certificate" shall mean a certificate signed by an Authorized Officer. The Certificate need not comply with the provisions of Section 13.06.

Commission:

The term "Commission" shall mean the Securities and Exchange Commission, as from time to time constituted, created under the Securities Exchange Act of 1934, as amended (the "Exchange Act") or if at any time after the execution of this instrument such Commission is not existing and performing the duties now assigned to it under the Trust Indenture Act, then the body, if any, performing such duties on such date.

Company:

The term "Company" shall mean Kentucky Power Company, a corporation duly organized and existing under the laws of Kentucky, and, subject to the provisions of Article Ten, shall also include its successors and assigns.

Company Order:

The term "Company Order" shall mean a written order signed in the name of the Company by an Authorized Officer and the Secretary or an Assistant Secretary of the Company, pursuant to a Board Resolution establishing a series of Securities.

Corporate Trust Office:

The term "Corporate Trust Office" shall mean the office of the Trustee at which at any particular time its corporate trust business shall be principally administered, which office at the date of the execution of this Indenture is located at Four Albany Street, New York, New York.

Default:

The term "Default" shall mean any event, act or condition which with notice or lapse of time, or both, would constitute an Event of Default.

Depository:

The term "Depository" shall mean, with respect to Securities of any series, for which the Company shall determine that such Securities will be issued as a Global Security, The Depository Trust Company, New York, New York, another clearing agency, or any successor registered as a clearing agency under the Exchange Act or other applicable statute or regulation, which, in each case, shall be designated by the Company pursuant to either Section 2.01 or 2.11.

Discount Security:

The term "Discount Security" means any Security which provides for an amount less than the principal amount thereof to be due and payable upon a declaration of acceleration of the maturity thereof pursuant to Section 6.01(b).

Dollar:

The term "Dollar" or "\$" means a dollar or other equivalent unit in such coin or currency of the United States as at the time shall be legal tender for the payment of public and private debts.

Eligible Obligations:

The term "Eligible Obligations" means (a) with respect to Securities denominated in Dollars, Governmental Obligations; or (b) with respect to Securities denominated in a currency other than Dollars or in a composite currency, such other obligations or instruments as shall be specified with respect to such Securities, as contemplated by Section 2.01.

Event of Default:

The term "Event of Default" with respect to Securities of a particular series shall mean any event specified in Section 6.01, continued for the period of time, if any, therein designated.

Global Security:

The term "Global Security" shall mean, with respect to any series of Securities, a Security executed by the Company and authenticated and delivered by the Trustee to the Depository or pursuant to the Depository's instruction, all in accordance with the Indenture, which shall be registered in the name of the Depository or its nominee.

Governmental Authority:

The term "Governmental Authority" means the government of the United States or of any State or Territory thereof or of the District of Columbia or of any county, municipality or other political subdivision of any of the foregoing, or any department, agency, authority or other instrumentality of any of the foregoing.

Governmental Obligations:

The term "Governmental Obligations" shall mean securities that are (i) direct obligations of the United States of America for the payment of which its full faith and credit is pledged or (ii) obligations of a person controlled or supervised by and acting as an agency or instrumentality of the United States, the payment of which is unconditionally guaranteed as a full faith and credit obligation by the United States, which, in either case, are not callable or redeemable at the option of the issuer thereof, and shall also include a depository receipt issued by a bank (as defined in Section 3(a)(2) of the Securities Act of 1933, as amended) as custodian with respect to any such Governmental Obligation or a specific payment of principal of or interest on any such Governmental Obligation held by such custodian for the account of the holder of such depository receipt; provided that (except as required by law) such custodian is not authorized to make any deduction from the amount payable to the holder of such depository receipt from any amount received by such custodian in respect of the Governmental Obligation or the specific payment of principal of or interest on the Governmental Obligation evidenced by such depository receipt.

Indenture:

The term "Indenture" shall mean this instrument as originally executed, or, if amended or supplemented as herein provided, as so amended or supplemented, and shall include the terms of a particular series of Securities established as contemplated by Section 2.01.

Instructions:

The term "Instructions" shall mean instructions acceptable to the Trustee issued pursuant to a Company Order in connection with a Periodic Offering and signed by an Authorized Officer. Instructions need not comply with the provisions of Section 13.06.

Interest:

The term "interest" when used with respect to non-interest bearing Securities shall mean interest payable after maturity (whether at stated maturity, upon acceleration or redemption or otherwise) or after the date, if any, on which the Company becomes obligated to acquire a Security, whether by purchase or otherwise.

Interest Payment Date:

The term "Interest Payment Date" when used with respect to any installment of interest on a Security of a particular series shall mean the date specified in such Security or in a Board Resolution, Company Order or an indenture supplemental hereto with respect to such series as the fixed date on which an installment of interest with respect to Securities of that series is due and payable.

Officers' Certificate:

The term "Officers' Certificate" shall mean a certificate signed by an Authorized Officer and by the Secretary or Assistant Secretary of the Company. Each such certificate shall include the statements provided for in Section 13.06, if and to the extent required by the provisions thereof.

Opinion of Counsel:

The term "Opinion of Counsel" shall mean an opinion in writing signed by legal counsel, who may be an employee of or counsel for the Company. Each such opinion shall include the statements provided for in Section 13.06, if and to the extent required by the provisions thereof.

Outstanding:

The term "outstanding", when used with reference to Securities of any series, shall, subject to the provisions of Section 8.04, mean, as of any particular time, all Securities of that series theretofore authenticated and delivered by the Trustee under this Indenture, except (a) Securities theretofore canceled by the Trustee or any paying agent, or delivered to the Trustee or any paying agent for cancellation or which have previously been canceled; (b) Securities or portions thereof for the payment or redemption of which monies or Eligible Obligations in the necessary amount shall have been deposited in trust with the Trustee or with

any paying agent (other than the Company) or shall have been set aside and segregated in trust by the Company (if the Company shall act as its own paying agent); provided, however, that if such Securities or portions of such Securities are to be redeemed prior to the maturity thereof, notice of such redemption shall have been given as in Article Three provided, or provision satisfactory to the Trustee shall have been made for giving such notice; and (c) Securities in lieu of or in substitution for which other Securities shall have been authenticated and delivered pursuant to the terms of Section 2.07. The principal amount of a Discount Security that shall be deemed to be Outstanding for purposes of this Indenture shall be the amount of the principal thereof that would be due and payable as of the date of such determination upon a declaration of acceleration of the maturity thereof.

Periodic Offering:

The term "Periodic Offering" means an offering of Securities of a series from time to time, during which any or all of the specific terms of the Securities, including without limitation the rate or rates of interest, if any, thereon, the maturity or maturities thereof and the redemption provisions, if any, with respect thereto, are to be determined by the Company or its agents upon the issuance of such Securities.

Person:

The term "person" means any individual, corporation, partnership, limited liability company, joint venture, trust or unincorporated organization or any Governmental Authority.

Place of Payment:

The term "Place of Payment" shall mean the place or places where the principal of and interest, if any, on the Securities of any series are payable as specified in accordance with Section 2.01.

Predecessor Security:

The term "Predecessor Security" of any particular Security shall mean every previous Security evidencing all or a portion of the same debt as that evidenced by such particular Security; and, for the purposes of this definition, any Security authenticated and delivered under Section 2.07 in lieu of a lost, destroyed or stolen Security shall be deemed to evidence the same debt as the lost, destroyed or stolen Security.

Responsible Officer:

The term "Responsible Officer" when used with respect to the Trustee shall mean the chairman of the board of directors, the president, any vice president, the secretary, the treasurer, any

trust officer, any corporate trust officer or any other officer or assistant officer of the Trustee customarily performing functions similar to those performed by the persons who at the time shall be such officers, respectively, or to whom any corporate trust matter is referred because of his or her knowledge of and familiarity with the particular subject.

Security or Securities:

The term "Security" or "Securities" shall mean any Security or Securities, as the case may be, authenticated and delivered under this Indenture.

Securityholder:

The term "Securityholder", "holder of Securities" or "registered holder" shall mean the person or persons in whose name or names a particular Security shall be registered on the books of the Company kept for that purpose in accordance with the terms of this Indenture.

Series:

The term "series" means a series of Securities established pursuant to this Indenture and includes, if the context so requires, each Tranche thereof.

Tranche:

The term "Tranche" means Securities which (a) are of the same series and (b) have identical terms except as to principal amount and/or date of issuance.

Trustee:

The term "Trustee" shall mean Bankers Trust Company, and, subject to the provisions of Article Seven, shall also include its successors and assigns, and, if at any time there is more than one person acting in such capacity hereunder, "Trustee" shall mean each such person. The term "Trustee" as used with respect to a particular series of the Securities shall mean the trustee with respect to that series.

Trust Indenture Act:

The term "Trust Indenture Act", subject to the provisions of Sections 9.01, 9.02, and 10.01, shall mean the Trust Indenture Act of 1939, as amended and in effect at the date of execution of this Indenture.

United States:

The term "United States" means the United States of America, its Territories, its possessions and other areas subject to its political jurisdiction.

ARTICLE TWO

ISSUE, DESCRIPTION, TERMS, EXECUTION, REGISTRATION AND EXCHANGE OF SECURITIES

SECTION 2.01. The aggregate principal amount of Securities which may be authenticated and delivered under this Indenture is unlimited.

The Securities may be issued from time to time in one or more series and in one or more Tranches thereof. Each series shall be authorized by a Company Order or Orders or one or more indentures supplemental hereto, which shall specify whether the Securities of such series shall be subject to a Periodic Offering. The Company Order or Orders or supplemental indenture and, in the case of a Periodic Offering, Instructions or other procedures acceptable to the Trustee specified in such Company Order or Orders, shall establish the terms of the series, which may include the following: (i) any limitations on the aggregate principal amount of the Securities to be authenticated and delivered under this Indenture as part of such series (except for Securities authenticated and delivered upon registration of transfer of, in exchange for or in lieu of other Securities of that series); (ii) the stated maturity or maturities of such series; (iii) the date or dates from which interest shall accrue, the Interest Payment Dates on which such interest will be payable or the manner of determination of such Interest Payment Dates and the record date for the determination of holders to whom interest is payable on any such Interest Payment Date; (iv) the interest rate or rates (which may be fixed or variable), or method of calculation of such rate or rates, for such series; (v) the terms, if any, regarding the redemption, purchase or repayment of such series (whether at the option of the Company or a holder of the Securities of such series and whether pursuant to a sinking fund or analogous provisions, including payments made in cash in anticipation of future sinking fund obligations), including redemption, purchase or repayment date or dates of such series, if any, and the price or prices and other terms and conditions applicable to such redemption, purchase or repayment (including any premium); (vi) whether or not the Securities of such series shall be issued in whole or in part in the form of a Global Security and, if so, the Depositary for such Global Security and the related procedures with respect to transfer and exchange of such Global Security; (vii) the designation of such series; (viii) the form of the Securities of such series; (ix) the maximum annual interest rate, if any, of the Securities permitted for such series;

(x) whether the Securities of such series shall be subject to Periodic Offering; (xi) the currency or currencies, including composite currencies, in which payment of the principal of (and premium, if any) and interest on the Securities of such series shall be payable, if other than Dollars; (xii) any other information necessary to complete the Securities of such series; (xiii) the establishment of any office or agency pursuant to Section 4.02 hereof and any other place or places which the principal of and interest, if any, on Securities of that series shall be payable; (xiv) if other than denominations of \$1,000 or any integral multiple thereof, the denominations in which the Securities of the series shall be issuable; (xv) the obligations or instruments, if any, which shall be considered to be Eligible Obligations in respect of the Securities of such series denominated in a currency other than Dollars or in a composite currency; (xvi) whether or not the Securities of such series shall be issued as Discount Securities and the terms thereof, including the portion of the principal amount thereof which shall be payable upon declaration of acceleration of the maturity thereof pursuant to Section 6.01(b); (xvii) if the principal of and premium, if any, or interest, if any, on such Securities are to be payable, at the election of the Company or the holder thereof, in coin or currency, including composite currencies, other than that in which the Securities are stated to be payable, the period or periods within which, and the terms and conditions upon which, such election shall be made; (xviii) if the amount of payment of principal of and premium, if any, or interest, if any, on such Securities may be determined with reference to an index, formula or other method, or based on a coin or currency other than that in which the Securities are stated to be payable, the manner in which such amount shall be determined; and (xix) any other terms of such series not inconsistent with this Indenture.

All Securities of any one series shall be substantially identical except as to denomination and except as may otherwise be provided in or pursuant to any such Company Order or in any indentures supplemental hereto.

If any of the terms of the series are established by action taken pursuant to a Company Order, a copy of an appropriate record of the applicable Board Resolution shall be certified by the Secretary or an Assistant Secretary of the Company and delivered to the Trustee at or prior to the delivery of the Company Order setting forth the terms of that series.

SECTION 2.02. The Securities of any series shall be substantially of the tenor and purport (i) as set forth in one or more indentures supplemental hereto or as provided in a Company Order, or (ii) with respect to any Tranche of Securities of a series subject to Periodic Offering, to the extent permitted by any of the documents referred to in clause (i) above, in Instructions, or by other procedures acceptable to the Trustee specified in such

Company Order or Orders, in each case with such appropriate insertions, omissions, substitutions and other variations as are required or permitted by this Indenture, and may have such letters, numbers or other marks of identification or designation and such legends or endorsements printed, lithographed or engraved thereon as the Company may deem appropriate and as are not inconsistent with the provisions of this Indenture, or as may be required to comply with any law or with any rule or regulation made pursuant thereto or with any rule or regulation of any stock exchange on which Securities of that series may be listed or of the Depository, or to conform to usage.

The Trustee's Certificate of Authentication shall be in substantially the following form:

"This is one of the Securities of the series designated in accordance with, and referred to in, the within-mentioned Indenture.

Dated:

BANKERS TRUST COMPANY

By: _____
Authorized Signatory"

SECTION 2.03. The Securities shall be issuable as registered Securities and in the denominations of \$1,000 or any integral multiple thereof, subject to Sections 2.01(xi) and (xiv). The Securities of a particular series shall bear interest payable on the dates and at the rate or rates specified with respect to that series. Except as otherwise specified as contemplated by Section 2.01, the principal of and the interest on the Securities of any series, as well as any premium thereon in case of redemption thereof prior to maturity, shall be payable in Dollars at the office or agency of the Company maintained for that purpose. Each Security shall be dated the date of its authentication.

The interest installment on any Security which is payable, and is punctually paid or duly provided for, on any Interest Payment Date for Securities of that series shall be paid to the person in whose name said Security (or one or more Predecessor Securities) is registered at the close of business on the regular record date for such interest installment, except that interest payable on redemption or maturity shall be payable as set forth in the Company Order or indenture supplemental hereto establishing the terms of such series of Securities. Except as otherwise specified as contemplated by Section 2.01, interest on Securities will be computed on the basis of a 360-day year of twelve 30-day months.

Any interest on any Security which is payable, but is not punctually paid or duly provided for, on any Interest Payment Date for Securities of the same series (herein called "Defaulted Interest") shall forthwith cease to be payable to the registered holder on the relevant regular record date by virtue of having been such holder; and such Defaulted Interest shall be paid by the Company, at its election, as provided in clause (1) or clause (2) below:

(1) The Company may make payment of any Defaulted Interest on Securities to the persons in whose names such Securities (or their respective Predecessor Securities) are registered at the close of business on a special record date for the payment of such Defaulted Interest, which shall be fixed in the following manner: the Company shall notify the Trustee in writing of the amount of Defaulted Interest proposed to be paid on each such Security and the date of the proposed payment, and at the same time the Company shall deposit with the Trustee an amount of money equal to the aggregate amount proposed to be paid in respect of such Defaulted Interest or shall make arrangements satisfactory to the Trustee for such deposit prior to the date of the proposed payment, such money when deposited to be held in trust for the benefit of the persons entitled to such Defaulted Interest as in this clause provided. Thereupon the Trustee shall fix a special record date for the payment of such Defaulted Interest which shall not be more than 15 nor less than 10 days prior to the date of the proposed payment and not less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Trustee shall promptly notify the Company of such special record date and, in the name and at the expense of the Company, shall cause notice of the proposed payment of such Defaulted Interest and the special record date therefor to be mailed, first class postage prepaid, to each Securityholder at his or her address as it appears in the Security Register (as hereinafter defined), not less than 10 days prior to such special record date. Notice of the proposed payment of such Defaulted Interest and the special record date therefor having been mailed as aforesaid, such Defaulted Interest shall be paid to the persons in whose names such Securities (or their respective Predecessor Securities) are registered on such special record date and shall be no longer payable pursuant to the following clause (2).

(2) The Company may make payment of any Defaulted Interest on any Securities in any other lawful manner not inconsistent with the requirements of any securities exchange on which such Securities may be listed, and upon such notice as may be required by such exchange, if, after notice given by the Company to the Trustee of the proposed payment pursuant to this clause, such manner of payment shall be deemed practicable by the Trustee.

Unless otherwise set forth in a Company Order or one or more indentures supplemental hereto establishing the terms of any series of Securities pursuant to Section 2.01 hereof, the term "regular record date" as used in this Section with respect to a series of Securities with respect to any Interest Payment Date for such series shall mean either the fifteenth day of the month immediately preceding the month in which an Interest Payment Date established for such series pursuant to Section 2.01 hereof shall occur, if such Interest Payment Date is the first day of a month, or the last day of the month immediately preceding the month in which an Interest Payment Date established for such series pursuant to Section 2.01 hereof shall occur, if such Interest Payment Date is the fifteenth day of a month, whether or not such date is a Business Day.

Subject to the foregoing provisions of this Section, each Security of a series delivered under this Indenture upon transfer of or in exchange for or in lieu of any other Security of such series shall carry the rights to interest accrued and unpaid, and to accrue, which were carried by such other Security.

SECTION 2.04. The Securities shall, subject to the provisions of Section 2.06, be printed on steel engraved borders or fully or partially engraved, or legibly typed, as the proper officer of the Company may determine, and shall be signed on behalf of the Company by an Authorized Officer. The signature of such Authorized Officer upon the Securities may be in the form of a facsimile signature of a present or any future Authorized Officer and may be imprinted or otherwise reproduced on the Securities and for that purpose the Company may use the facsimile signature of any person who shall have been an Authorized Officer, notwithstanding the fact that at the time the Securities shall be authenticated and delivered or disposed of such person shall have ceased to be an Authorized Officer.

Only such Securities as shall bear thereon a Certificate of Authentication substantially in the form established for such Securities, executed manually by an authorized signatory of the Trustee, or by any Authenticating Agent with respect to such Securities, shall be entitled to the benefits of this Indenture or be valid or obligatory for any purpose. Such certificate executed by the Trustee, or by any Authenticating Agent appointed by the Trustee with respect to such Securities, upon any Security executed by the Company shall be conclusive evidence that the Security so authenticated has been duly authenticated and delivered hereunder and that the registered holder thereof is entitled to the benefits of this Indenture.

At any time and from time to time after the execution and delivery of this Indenture, the Company may deliver Securities of any series executed by the Company to the Trustee for authentication, together with an indenture supplemental hereto or

a Company Order for the authentication and delivery of such Securities and the Trustee, in accordance with such supplemental indenture or Company Order, shall authenticate and deliver such Securities; provided, however, that in the case of Securities offered in a Periodic Offering, the Trustee shall authenticate and deliver such Securities from time to time in accordance with Instructions or such other procedures acceptable to the Trustee as may be specified by or pursuant to such supplemental indenture or Company Order delivered to the Trustee prior to the time of the first authentication of Securities of such series.

In authenticating such Securities and accepting the additional responsibilities under this Indenture in relation to such Securities, the Trustee shall receive and (subject to Section 7.01) shall be fully protected in relying upon, (i) an Opinion of Counsel and (ii) an Officers' Certificate, each stating that the form and terms thereof have been established in conformity with the provisions of this Indenture; provided, however, that, with respect to Securities of a series subject to a Periodic Offering, the Trustee shall be entitled to receive such Opinion of Counsel and Officers' Certificate only once at or prior to the time of the first authentication of Securities of such series and that, in such opinion or certificate, the opinion or certificate described above may state that when the terms of such Securities, or each Tranche thereof, shall have been established pursuant to a Company Order or Orders or pursuant to such procedures acceptable to the Trustee, as may be specified by a Company Order, such terms will have been established in conformity with the provisions of this Indenture. Each Opinion of Counsel and Officers' Certificate delivered pursuant to this Section 2.04 shall include all statements prescribed in Section 13.06(b). Such Opinion of Counsel shall also be to the effect that when such Securities have been executed by the Company and authenticated by the Trustee in accordance with the provisions of this Indenture and delivered to and duly paid for by the purchasers thereof, they will be valid and legally binding obligations of the Company, enforceable in accordance with their terms (subject to customary exceptions) and will be entitled to the benefits of this Indenture.

With respect to Securities of a series subject to a Periodic Offering, the Trustee may conclusively rely, as to the authorization by the Company of any of such Securities, the forms and terms thereof and the legality, validity, binding effect and enforceability thereof, upon the Company Order, Opinion of Counsel, Officers' Certificate and other documents delivered pursuant to Sections 2.01 and this Section, as applicable, at or prior to the time of the first authentication of Securities of such series unless and until such Company Order, Opinion of Counsel, Officers' Certificate or other documents have been superseded or revoked or expire by their terms.

The Trustee shall not be required to authenticate such Securities if the issue of such Securities pursuant to this Indenture will affect the Trustee's own rights, duties or immunities under the Securities and this Indenture or otherwise in a manner which is not reasonably acceptable to the Trustee.

SECTION 2.05. (a) Securities of any series may be exchanged upon presentation thereof at the office or agency of the Company designated for such purpose, for other Securities of such series of authorized denominations, and for a like aggregate principal amount, upon payment of a sum sufficient to cover any tax or other governmental charge in relation thereto, all as provided in this Section. In respect of any Securities so surrendered for exchange, the Company shall execute, the Trustee shall authenticate and such office or agency shall deliver in exchange therefor the Security or Securities of the same series which the Securityholder making the exchange shall be entitled to receive, bearing numbers not contemporaneously outstanding.

(b) The Company shall keep, or cause to be kept, at its office or agency designated for such purpose in the Borough of Manhattan, the City and State of New York, or such other location designated by the Company a register or registers (herein referred to as the "Security Register") in which, subject to such reasonable regulations as it may prescribe, the Company shall register the Securities and the transfers of Securities as in this Article provided and which at all reasonable times shall be open for inspection by the Trustee. The registrar for the purpose of registering Securities and transfer of Securities as herein provided shall be appointed as authorized by Board Resolution or Company Order (the "Security Registrar").

Upon surrender for transfer of any Security at the office or agency of the Company designated for such purpose in the Borough of Manhattan, the City and State of New York, or other location as aforesaid, the Company shall execute, the Trustee shall authenticate and such office or agency shall deliver in the name of the transferee or transferees a new Security or Securities of the same series as the Security presented for a like aggregate principal amount.

All Securities presented or surrendered for exchange or registration of transfer, as provided in this Section, shall be accompanied (if so required by the Company or the Security Registrar) by a written instrument or instruments of transfer, in form satisfactory to the Company or the Security Registrar, duly executed by the registered holder or by his duly authorized attorney in writing.

(c) Except as provided in the first paragraph of Section 2.07, no service charge shall be made for any exchange or registration of transfer of Securities, or issue of new Securities

in case of partial redemption of any series, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge in relation thereto, other than exchanges pursuant to Section 2.06, Section 3.03(b) and Section 9.04 not involving any transfer.

(d) The Company shall neither be required (i) to issue, exchange or register the transfer of any Securities during a period beginning at the opening of business 15 days before the day of the mailing of a notice of redemption of less than all the outstanding Securities of the same series and ending at the close of business on the day of such mailing, nor (ii) to register the transfer of or exchange any Securities of any series or portions thereof called for redemption or as to which the holder thereof has exercised its right, if any, to require the Company to repurchase such Security in whole or in part, except that portion of such Security not required to be repurchased. The provisions of this Section 2.05 are, with respect to any Global Security, subject to Section 2.11 hereof.

SECTION 2.06. Pending the preparation of definitive Securities of any series, the Company may execute, and the Trustee shall authenticate and deliver, temporary Securities (printed, lithographed or typewritten) of any authorized denomination, and substantially in the form of the definitive Securities in lieu of which they are issued, but with such omissions, insertions and variations as may be appropriate for temporary Securities, all as may be determined by the Company. Every temporary Security of any series shall be executed by the Company and be authenticated by the Trustee upon the same conditions and in substantially the same manner, and with like effect, as the definitive Securities of such series in accordance with Section 2.04. Without unnecessary delay the Company will execute and will furnish definitive Securities of such series and thereupon any or all temporary Securities of such series may be surrendered in exchange therefor (without charge to the holders thereof), at the office or agency of the Company designated for the purpose, and the Trustee shall authenticate and such office or agency shall deliver in exchange for such temporary Securities an equal aggregate principal amount of definitive Securities of such series, unless the Company advises the Trustee to the effect that definitive Securities need not be executed and furnished until further notice from the Company. Until so exchanged, the temporary Securities of such series shall be entitled to the same benefits under this Indenture as definitive Securities of such series authenticated and delivered hereunder.

SECTION 2.07. In case any temporary or definitive Security shall become mutilated or be destroyed, lost or stolen, the Company (subject to the next succeeding sentence) shall execute, and upon its request the Trustee (subject as aforesaid) shall authenticate and deliver, a new Security of the same series bearing a number not contemporaneously outstanding, in exchange and substitution for the

mutilated Security, or in lieu of and in substitution for the Security so destroyed, lost or stolen. In every case the applicant for a substituted Security shall furnish to the Company and to the Trustee such security or indemnity as may be required by them to save each of them harmless, and, in every case of destruction, loss or theft, the applicant shall also furnish to the Company and to the Trustee evidence to their satisfaction of the destruction, loss or theft of the applicant's Security and of the ownership thereof. The Trustee may authenticate any such substituted Security and deliver the same upon the written request or authorization of any officer of the Company. Upon the issuance of any substituted Security, the Company may require the payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in relation thereto and any other expenses (including the fees and expenses of the Trustee) connected therewith. In case any Security which has matured or is about to mature shall become mutilated or be destroyed, lost or stolen, the Company may, instead of issuing a substitute Security, pay or authorize the payment of the same (without surrender thereof except in the case of a mutilated Security) if the applicant for such payment shall furnish to the Company and to the Trustee such security or indemnity as they may require to save them harmless, and, in case of destruction, loss or theft, evidence to the satisfaction of the Company and the Trustee of the destruction, loss or theft of such Security and of the ownership thereof.

Every Security issued pursuant to the provisions of this Section in substitution for any Security which is mutilated, destroyed, lost or stolen shall constitute an additional contractual obligation of the Company, whether or not the mutilated, destroyed, lost or stolen Security shall be found at any time, or be enforceable by anyone, and shall be entitled to all the benefits of this Indenture equally and proportionately with any and all other Securities of the same series duly issued hereunder. All Securities shall be held and owned upon the express condition that the foregoing provisions are exclusive with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities, and shall preclude (to the extent lawful) any and all other rights or remedies, notwithstanding any law or statute existing or hereafter enacted to the contrary with respect to the replacement or payment of negotiable instruments or other securities without their surrender.

SECTION 2.08. All Securities surrendered for the purpose of payment, redemption, exchange or registration of transfer, or for credit against a sinking fund, shall, if surrendered to the Company or any paying agent, be delivered to the Trustee for cancellation, or, if surrendered to the Trustee, shall be canceled by it, and no Securities shall be issued in lieu thereof except as expressly required or permitted by any of the provisions of this Indenture. On request of the Company, the Trustee shall deliver to the Company canceled Securities held by the Trustee. In the absence of such

request the Trustee may dispose of canceled Securities in accordance with its standard procedures. If the Company shall otherwise acquire any of the Securities, however, such acquisition shall not operate as a redemption or satisfaction of the indebtedness represented by such Securities unless and until the same are delivered to the Trustee for cancellation.

SECTION 2.09. Nothing in this Indenture or in the Securities, express or implied, shall give or be construed to give to any person, firm or corporation, other than the parties hereto and the holders of the Securities, any legal or equitable right, remedy or claim under or in respect of this Indenture, or under any covenant, condition or provision herein contained; all such covenants, conditions and provisions being for the sole benefit of the parties hereto and of the holders of the Securities.

SECTION 2.10. So long as any of the Securities of any series remain outstanding there may be an Authenticating Agent for any or all such series of Securities which the Trustee shall have the right to appoint. Said Authenticating Agent shall be authorized to act on behalf of the Trustee to authenticate Securities of such series issued upon exchange, transfer or partial redemption thereof, and Securities so authenticated shall be entitled to the benefits of this Indenture and shall be valid and obligatory for all purposes as if authenticated by the Trustee hereunder. All references in this Indenture to the authentication of Securities by the Trustee shall be deemed to include authentication by an Authenticating Agent for such series except for authentication upon original issuance or pursuant to Section 2.07 hereof. Each Authenticating Agent shall be acceptable to the Company and shall be a corporation which has a combined capital and surplus, as most recently reported or determined by it, sufficient under the laws of any jurisdiction under which it is organized or in which it is doing business to conduct a trust business, and which is otherwise authorized under such laws to conduct such business and is subject to supervision or examination by Federal or State authorities. If at any time any Authenticating Agent shall cease to be eligible in accordance with these provisions it shall resign immediately.

Any Authenticating Agent may at any time resign by giving written notice of resignation to the Trustee and to the Company. The Trustee may at any time (and upon request by the Company shall) terminate the agency of any Authenticating Agent by giving written notice of termination to such Authenticating Agent and to the Company. Upon resignation, termination or cessation of eligibility of any Authenticating Agent, the Trustee may appoint an eligible successor Authenticating Agent acceptable to the Company. Any successor Authenticating Agent, upon acceptance of its appointment hereunder, shall become vested with all the rights, powers and duties of its predecessor hereunder as if originally named as an Authenticating Agent pursuant hereto. The Company agrees to pay to

each Authenticating Agent from time to time reasonable compensation for its services under this Section.

SECTION 2.11. (a) If the Company shall establish pursuant to Section 2.01 that the Securities of a particular series are to be issued as a Global Security, then the Company shall execute and the Trustee shall, in accordance with Section 2.04, authenticate and deliver, a Global Security which (i) shall represent, and shall be denominated in an amount equal to the aggregate principal amount of, all of the Outstanding Securities of such series, (ii) shall be registered in the name of the Depository or its nominee, (iii) shall be authenticated and delivered by the Trustee to the Depository or pursuant to the Depository's instruction and (iv) shall bear a legend substantially to the following effect: "Except as otherwise provided in Section 2.11 of the Indenture, this Security may be transferred, in whole but not in part, only to another nominee of the Depository or to a successor Depository or to a nominee of such successor Depository."

(b) Notwithstanding the provisions of Section 2.05, the Global Security of a series may be transferred, in whole but not in part and in the manner provided in Section 2.05, only to another nominee of the Depository for such series, or to a successor Depository for such series selected or approved by the Company or to a nominee of such successor Depository.

(c) If at any time the Depository for a series of Securities notifies the Company that it is unwilling or unable to continue as Depository for such series or if at any time the Depository for such series shall no longer be registered or in good standing under the Exchange Act, or other applicable statute or regulation and a successor Depository for such series is not appointed by the Company within 90 days after the Company receives such notice or becomes aware of such condition, as the case may be, this Section 2.11 shall no longer be applicable to the Securities of such series and the Company will execute, and subject to Section 2.05, the Trustee will authenticate and deliver Securities of such series in definitive registered form without coupons, in authorized denominations, and in an aggregate principal amount equal to the principal amount of the Global Security of such series in exchange for such Global Security. In addition, the Company may at any time determine that the Securities of any series shall no longer be represented by a Global Security and that the provisions of this Section 2.11 shall no longer apply to the Securities of such series. In such event the Company will execute, and subject to Section 2.05, the Trustee, upon receipt of an Officers' Certificate evidencing such determination by the Company, will authenticate and deliver Securities of such series in definitive registered form without coupons, in authorized denominations, and in an aggregate principal amount equal to the principal amount of the Global Security of such series in exchange for such Global Security. Upon the exchange of the Global Security for such Securities in

definitive registered form without coupons, in authorized denominations, the Global Security shall be canceled by the Trustee. Such Securities in definitive registered form issued in exchange for the Global Security pursuant to this Section 2.11(c) shall be registered in such names and in such authorized denominations as the Depository, pursuant to instructions from its direct or indirect participants or otherwise, shall instruct the Security Registrar. The Trustee shall deliver such Securities to the Depository for delivery to the persons in whose names such Securities are so registered.

SECTION 2.12. In the case of the Securities of any series denominated in any currency other than Dollars or in a composite currency (the "Required Currency"), except as otherwise specified with respect to such Securities as contemplated by Section 2.01, the obligation of the Company to make any payment of the principal thereof, or the premium or interest thereon, shall not be discharged or satisfied by any tender by the Company, or recovery by the Trustee, in any currency other than the Required Currency, except to the extent that such tender or recovery shall result in the Trustee timely holding the full amount of the Required Currency then due and payable. If any such tender or recovery is in a currency other than the Required Currency, the Trustee may take such actions as it considers appropriate to exchange such currency for the Required Currency. The costs and risks of any such exchange, including, without limitation, the risks of delay and exchange rate fluctuation, shall be borne by the Company, the Company shall remain fully liable for any shortfall or delinquency in the full amount of Required Currency then due and payable, and in no circumstances shall the Trustee be liable therefor except in the case of its negligence or willful misconduct.

SECTION 2.13. The Company in issuing Securities may use "CUSIP" numbers (if then generally in use) and, if so used, the Trustee shall use "CUSIP" numbers in notices of redemption as a convenience to holders of Securities; provided that any such notice may state that no representation is made as to the correctness of such numbers either as printed on the Securities or contained in any notice of redemption and that reliance may be placed only on the other identification numbers printed on the Securities, and any such redemption shall not be affected by any defect in or omission of such numbers. The Company shall promptly notify the Trustee of any change in the CUSIP numbers.

ARTICLE THREE REDEMPTION OF SECURITIES AND SINKING FUND PROVISIONS

SECTION 3.01. The Company may redeem the Securities of any series issued hereunder on and after the dates and in accordance with the terms established for such series pursuant to Section 2.01 hereof.

SECTION 3.02. (a) In case the Company shall desire to exercise such right to redeem all or, as the case may be, a portion of the Securities of any series in accordance with the right reserved so to do, it shall give notice of such redemption to holders of the Securities of such series to be redeemed by mailing, first class postage prepaid, a notice of such redemption not less than 30 days and not more than 60 days before the date fixed for redemption of that series to such holders at their last addresses as they shall appear upon the Security Register. Any notice which is mailed in the manner herein provided shall be conclusively presumed to have been duly given, whether or not the registered holder receives the notice. In any case, failure duly to give such notice to the holder of any Security of any series designated for redemption in whole or in part, or any defect in the notice, shall not affect the validity of the proceedings for the redemption of any other Securities of such series or any other series. In the case of any redemption of Securities prior to the expiration of any restriction on such redemption or subject to compliance with certain conditions provided in the terms of such Securities or elsewhere in this Indenture, the Company shall furnish the Trustee with an Officers' Certificate evidencing compliance with any such restriction or condition.

Unless otherwise so provided as to a particular series of Securities, if at the time of mailing of any notice of redemption the Company shall not have deposited with the paying agent an amount in cash sufficient to redeem all of the Securities called for redemption, including accrued interest to the date fixed for redemption, such notice shall state that it is subject to the receipt of redemption moneys by the paying agent on or before the date fixed for redemption (unless such redemption is mandatory) and such notice shall be of no effect unless such moneys are so received on or before such date.

Each such notice of redemption shall identify the Securities to be redeemed (including CUSIP numbers, if any), specify the date fixed for redemption and the redemption price at which Securities of that series are to be redeemed, and shall state that payment of the redemption price of such Securities to be redeemed will be made at the office or agency of the Company, upon presentation and surrender of such Securities, that interest accrued to the date fixed for redemption will be paid as specified in said notice, that from and after said date interest will cease to accrue and that the redemption is for a sinking fund, if such is the case. If less than all the Securities of a series are to be redeemed, the notice to the holders of Securities of that series to be redeemed in whole or in part shall specify the particular Securities to be so redeemed. In case any Security is to be redeemed in part only, the notice which relates to such Security shall state the portion of the principal amount thereof to be redeemed, and shall state that on and after the redemption date, upon surrender of such Security,

a new Security or Securities of such series in principal amount equal to the unredeemed portion thereof will be issued.

(b) If less than all the Securities of a series are to be redeemed, the Company shall give the Trustee at least 45 days' notice in advance of the date fixed for redemption (unless the Trustee shall agree to a shorter period) as to the aggregate principal amount of Securities of the series to be redeemed, and thereupon the Trustee shall select, by lot or in such other manner as it shall deem appropriate and fair in its discretion and which may provide for the selection of a portion or portions (equal to \$1,000 or any integral multiple thereof, subject to Sections 2.01(xi) and (xiv)) of the principal amount of such Securities of a denomination larger than \$1,000 (subject as aforesaid), the Securities to be redeemed and shall thereafter promptly notify the Company in writing of the numbers of the Securities to be redeemed, in whole or in part.

The Company may, if and whenever it shall so elect, by delivery of instructions signed on its behalf by an Authorized Officer, instruct the Trustee or any paying agent to call all or any part of the Securities of a particular series for redemption and to give notice of redemption in the manner set forth in this Section, such notice to be in the name of the Company or its own name as the Trustee or such paying agent may deem advisable. In any case in which notice of redemption is to be given by the Trustee or any such paying agent, the Company shall deliver or cause to be delivered to, or permit to remain with, the Trustee or such paying agent, as the case may be, such Security Register, transfer books or other records, or suitable copies or extracts therefrom, sufficient to enable the Trustee or such paying agent to give any notice by mail that may be required under the provisions of this Section.

SECTION 3.03. (a) If the giving of notice of redemption shall have been completed as above provided, the Securities or portions of Securities of the series to be redeemed specified in such notice shall become due and payable on the date and at the place stated in such notice at the applicable redemption price, together with, subject to the Company Order or supplemental indenture hereto establishing the terms of such series of Securities, interest accrued to the date fixed for redemption and interest on such Securities or portions of Securities shall cease to accrue on and after the date fixed for redemption, unless the Company shall default in the payment of such redemption price and accrued interest with respect to any such Security or portion thereof. On presentation and surrender of such Securities on or after the date fixed for redemption at the place of payment specified in the notice, said Securities shall be paid and redeemed at the applicable redemption price for such series, together with, subject to the Company Order or supplemental indenture hereto

establishing the terms of such series of Securities, interest accrued thereon to the date fixed for redemption.

(b) Upon presentation of any Security of such series which is to be redeemed in part only, the Company shall execute and the Trustee shall authenticate and the office or agency where the Security is presented shall deliver to the holder thereof, at the expense of the Company, a new Security or Securities of the same series, of authorized denominations in principal amount equal to the unredeemed portion of the Security so presented.

SECTION 3.04. The provisions of this Section 3.04 and Sections 3.05 and 3.06 shall be applicable to any sinking fund for the retirement of Securities of a series, except as otherwise specified as contemplated by Section 2.01 for Securities of such series.

The minimum amount of any sinking fund payment provided for by the terms of Securities of any series is herein referred to as a "mandatory sinking fund payment", and any payment in excess of such minimum amount provided for by the terms of Securities of any series is herein referred to as an "optional sinking fund payment". If provided for by the terms of Securities of any series, the cash amount of any sinking fund payment may be subject to reduction as provided in Section 3.05. Each sinking fund payment shall be applied to the redemption of Securities of such series as provided for by the terms of Securities of such series.

SECTION 3.05. The Company (i) may deliver Outstanding Securities of a series (other than any previously called for redemption) and (ii) may apply as a credit Securities of a series which have been redeemed either at the election of the Company pursuant to the terms of such Securities or through the application of permitted optional sinking fund payments pursuant to the terms of such Securities, in each case in satisfaction of all or any part of any mandatory sinking fund payment; provided that such Securities have not been previously so credited. Such Securities shall be received and credited for such purpose by the Trustee at the redemption price specified in such Securities for redemption through operation of the mandatory sinking fund and the amount of such mandatory sinking fund payment shall be reduced accordingly.

SECTION 3.06. Not less than 45 days prior to each sinking fund payment date for any series of Securities, the Company will deliver to the Trustee an Officers' Certificate specifying the amount of the next ensuing sinking fund payment for that series pursuant to the terms of that series, the portion thereof, if any, which is to be satisfied by delivering and crediting Securities of that series pursuant to Section 3.05 and the basis for such credit and will, together with such Officers' Certificate, deliver to the Trustee any Securities to be so delivered. Not less than 30 days before each such sinking fund payment date the Trustee shall select

the Securities to be redeemed upon such sinking fund payment date in the manner specified in Section 3.02 and cause notice of the redemption thereof to be given in the name of and at the expense of the Company in the manner provided in Section 3.02, except that the notice of redemption shall also state that the Securities of such series are being redeemed by operation of the sinking fund and the sinking fund payment date. Such notice having been duly given, the redemption of such Securities shall be made upon the terms and in the manner stated in Section 3.03.

ARTICLE FOUR
PARTICULAR COVENANTS OF THE COMPANY

The Company covenants and agrees for each series of the Securities as follows:

SECTION 4.01. The Company will duly and punctually pay or cause to be paid the principal of (and premium, if any) and interest on the Securities of that series at the time and place and in the manner provided herein and established with respect to such Securities.

SECTION 4.02. So long as any series of the Securities remain outstanding, the Company agrees to maintain an office or agency with respect to each such series, which shall be in the Borough of Manhattan, the City and State of New York or at such other location or locations as may be designated as provided in this Section 4.02, where (i) Securities of that series may be presented for payment, (ii) Securities of that series may be presented as hereinabove authorized for registration of transfer and exchange, and (iii) notices and demands to or upon the Company in respect of the Securities of that series and this Indenture may be given or served, such designation to continue with respect to such office or agency until the Company shall, by written notice signed by an Authorized Officer and delivered to the Trustee, designate some other office or agency for such purposes or any of them. If at any time the Company shall fail to maintain any such required office or agency or shall fail to furnish the Trustee with the address thereof, such presentations, notices and demands may be made or served at the Corporate Trust Office of the Trustee, and the Company hereby appoints the Trustee as its agent to receive all such presentations, notices and demands. The Trustee will initially act as paying agent for the Securities.

The Company may also from time to time, by written notice signed by an Authorized Officer and delivered to the Trustee, designate one or more other offices or agencies for the foregoing purposes within or outside the Borough of Manhattan, City of New York, and may from time to time rescind such designations; provided, however, that no such designation or rescission shall in any manner relieve the Company of its obligations to maintain an

office or agency in the Borough of Manhattan, City of New York for the foregoing purposes. The Company will give prompt written notice to the Trustee of any change in the location of any such other office or agency.

SECTION 4.03. (a) If the Company shall appoint one or more paying agents for all or any series of the Securities, other than the Trustee, the Company will cause each such paying agent to execute and deliver to the Trustee an instrument in which such agent shall agree with the Trustee, subject to the provisions of this Section:

(1) that it will hold all sums held by it as such agent for the payment of the principal of (and premium, if any) or interest on the Securities of that series (whether such sums have been paid to it by the Company or by any other obligor of such Securities) in trust for the benefit of the persons entitled thereto;

(2) that it will give the Trustee notice of any failure by the Company (or by any other obligor of such Securities) to make any payment of the principal of (and premium, if any) or interest on the Securities of that series when the same shall be due and payable;

(3) that it will, at any time during the continuance of any failure referred to in the preceding paragraph (a)(2) above, upon the written request of the Trustee, forthwith pay to the Trustee all sums so held in trust by such paying agent; and

(4) that it will perform all other duties of paying agent as set forth in this Indenture.

(b) If the Company shall act as its own paying agent with respect to any series of the Securities, it will on or before each due date of the principal of (and premium, if any) or interest on Securities of that series, set aside, segregate and hold in trust for the benefit of the persons entitled thereto a sum sufficient to pay such principal (and premium, if any) or interest so becoming due on Securities of that series until such sums shall be paid to such persons or otherwise disposed of as herein provided and will promptly notify the Trustee of such action, or any failure (by it or any other obligor on such Securities) to take such action. Whenever the Company shall have one or more paying agents for any series of Securities, it will, prior to each due date of the principal of (and premium, if any) or interest on any Securities of that series, deposit with the paying agent a sum sufficient to pay the principal (and premium, if any) or interest so becoming due, such sum to be held in trust for the benefit of the persons entitled to such principal, premium or interest, and (unless such

paying agent is the Trustee) the Company will promptly notify the Trustee of its action or failure so to act.

(c) Anything in this Section to the contrary notwithstanding, (i) the agreement to hold sums in trust as provided in this Section is subject to the provisions of Section 11.04, and (ii) the Company may at any time, for the purpose of obtaining the satisfaction and discharge of this Indenture or for any other purpose, pay, or direct any paying agent to pay, to the Trustee all sums held in trust by the Company or such paying agent, such sums to be held by the Trustee upon the same terms and conditions as those upon which such sums were held by the Company or such paying agent; and, upon such payment by any paying agent to the Trustee, such paying agent shall be released from all further liability with respect to such money.

SECTION 4.04. The Company, whenever necessary to avoid or fill a vacancy in the office of Trustee, will appoint, in the manner provided in Section 7.10, a Trustee, so that there shall at all times be a Trustee hereunder.

SECTION 4.05. The Company will not, while any of the Securities remain outstanding, consolidate with, or merge into, or merge into itself, or sell or convey all or substantially all of its property to any other Person unless the provisions of Article Ten hereof are complied with.

ARTICLE FIVE
SECURITYHOLDERS' LISTS AND REPORTS BY THE COMPANY
AND THE TRUSTEE

SECTION 5.01. The Company will furnish or cause to be furnished to the Trustee (a) on each regular record date (as defined in Section 2.03) for the Securities of each Tranche of a series a list, in such form as the Trustee may reasonably require, of the names and addresses of the holders of such Tranche of Securities as of such regular record date, provided, that the Company shall not be obligated to furnish or cause to be furnished such list at any time that the list shall not differ in any respect from the most recent list furnished to the Trustee by the Company and (b) at such other times as the Trustee may request in writing within 30 days after the receipt by the Company of any such request, a list of similar form and content as of a date not more than 15 days prior to the time such list is furnished; provided, however, no such list need be furnished for any series for which the Trustee shall be the Security Registrar.

SECTION 5.02. (a) The Trustee shall preserve, in as current a form as is reasonably practicable, all information as to the names and addresses of the holders of Securities contained in the most recent list furnished to it as provided in Section 5.01 and as

to the names and addresses of holders of Securities received by the Trustee in its capacity as Security Registrar (if acting in such capacity).

(b) The Trustee may destroy any list furnished to it as provided in Section 5.01 upon receipt of a new list so furnished.

(c) In case three or more holders of Securities of a series (hereinafter referred to as "applicants") apply in writing to the Trustee, and furnish to the Trustee reasonable proof that each such applicant has owned a Security for a period of at least six months preceding the date of such application, and such application states that the applicants desire to communicate with other holders of Securities of such series or holders of all Securities with respect to their rights under this Indenture or under such Securities, and is accompanied by a copy of the form of proxy or other communication which such applicants propose to transmit, then the Trustee shall, within five Business Days after the receipt of such application, at its election, either:

(1) afford to such applicants access to the information preserved at the time by the Trustee in accordance with the provisions of subsection (a) of this Section 5.02; or

(2) inform such applicants as to the approximate number of holders of Securities of such series or of all Securities, as the case may be, whose names and addresses appear in the information preserved at the time by the Trustee, in accordance with the provisions of subsection (a) of this Section 5.02, and as to the approximate cost of mailing to such Securityholders the form of proxy or other communication, if any, specified in such application.

(d) If the Trustee shall elect not to afford such applicants access to such information, the Trustee shall, upon the written request of such applicants, mail to each holder of such series or of all Securities, as the case may be, whose name and address appears in the information preserved at the time by the Trustee in accordance with the provisions of subsection (a) of this Section 5.02, a copy of the form of proxy or other communication which is specified in such request, with reasonable promptness after a tender to the Trustee of the material to be mailed and of payment, or provision for the payment, of the reasonable expenses of mailing, unless within five days after such tender, the Trustee shall mail to such applicants and file with the Commission, together with a copy of the material to be mailed, a written statement to the effect that, in the opinion of the Trustee, such mailing would be contrary to the best interests of the holders of Securities of such series or of all Securities, as the case may be, or would be in violation of applicable law. Such written statement shall specify the basis of such opinion. If the Commission, after opportunity for a hearing upon the objections specified in the

written statement so filed, shall enter an order refusing to sustain any of such objections or if, after the entry of an order sustaining one or more of such objections, the Commission shall find, after notice and opportunity for hearing, that all the objections so sustained have been met and shall enter an order so declaring, the Trustee shall mail copies of such material to all such Securityholders with reasonable promptness after the entry of such order and the renewal of such tender; otherwise, the Trustee shall be relieved of any obligation or duty to such applicants respecting their application.

(e) Each and every holder of the Securities, by receiving and holding the same, agrees with the Company and the Trustee that neither the Company nor the Trustee nor any paying agent nor any Security Registrar shall be held accountable by reason of the disclosure of any such information as to the names and addresses of the holders of Securities in accordance with the provisions of subsection (c) of this Section, regardless of the source from which such information was derived, and that the Trustee shall not be held accountable by reason of mailing any material pursuant to a request made under said subsection (c).

SECTION 5.03. (a) The Company covenants and agrees to file with the Trustee, within 30 days after the Company is required to file the same with the Commission, a copy of the annual reports and of the information, documents and other reports (or a copy of such portions of any of the foregoing as the Commission may from time to time by rules and regulations prescribe) which the Company may be required to file with the Commission pursuant to Section 13 or Section 15(d) of the Exchange Act; or, if the Company is not required to file information, documents or reports pursuant to either of such sections, then to file with the Trustee and, unless the Commission shall not accept such information, documents or reports, the Commission, in accordance with the rules and regulations prescribed from time to time by the Commission, such of the supplementary and periodic information, documents and reports which may be required pursuant to Section 13 of the Exchange Act, in respect of a security listed and registered on a national securities exchange as may be prescribed from time to time in such rules and regulations.

(b) The Company covenants and agrees to file with the Trustee and the Commission, in accordance with the rules and regulations prescribed from time to time by the Commission, such additional information, documents and reports with respect to compliance by the Company with the conditions and covenants provided for in this Indenture as may be required from time to time by such rules and regulations.

(c) The Company covenants and agrees to transmit by mail, first class postage prepaid, or reputable over-night delivery service which provides for evidence of receipt, to the Securityholders, as their names and addresses appear upon the Security Register, within 30 days after the filing thereof with the Trustee, such summaries of any information, documents and reports required to be filed by the Company pursuant to subsections (a) and (b) of this Section as may be required by rules and regulations prescribed from time to time by the Commission.

(d) The Company covenants and agrees to furnish to the Trustee, on or before May 15 in each calendar year in which any of the Securities are outstanding, or on or before such other day in each calendar year as the Company and the Trustee may from time to time agree upon, a Certificate as to compliance with all conditions and covenants under this Indenture. For purposes of this subsection (d), such compliance shall be determined without regard to any period of grace or requirement of notice provided under this Indenture.

(e) Delivery of such information, documents or reports to the Trustee pursuant to Section 5.03(a) or 5.03(b) is for informational purposes only and the Trustee's receipt thereof shall not constitute constructive notice of any information contained therein or determinable from information contained therein, including, in the case of Section 5.03(b), the Company's compliance with any of the covenants hereunder.

SECTION 5.04. (a) On or before July 15 in each year in which any of the Securities are outstanding, the Trustee shall transmit by mail, first class postage prepaid, to the Securityholders, as their names and addresses appear upon the Security Register, a brief report dated as of the preceding May 15, with respect to any of the following events which may have occurred within the previous twelve months (but if no such event has occurred within such period no report need be transmitted):

(1) any change to its eligibility under Section 7.09, and its qualifications under Section 310(b) of the Trust Indenture Act;

(2) the creation of or any material change to a relationship specified in paragraphs (1) through (10) of Section 310 of the Trust Indenture Act;

(3) the character and amount of any advances (and if the Trustee elects so to state, the circumstances surrounding the making thereof) made by the Trustee (as such) which remain unpaid on the date of such report, and for the reimbursement of which it claims or may claim a lien or charge, prior to that of the Securities, on any property or funds held or collected by it as trustee if such advances so remaining

unpaid aggregate more than 1/2 of 1% of the principal amount of the Securities outstanding on the date of such report;

(4) any change to the amount, interest rate, and maturity date of all other indebtedness owing by the Company, or by any other obligor on the Securities, to the Trustee in its individual capacity, on the date of such report, with a brief description of any property held as collateral security therefor, except any indebtedness based upon a creditor relationship arising in any manner described in paragraphs (2), (3), (4) or (6) of Section 311(b) of the Trust Indenture Act;

(5) any change to the property and funds, if any, physically in the possession of the Trustee as such on the date of such report;

(6) any release, or release and substitution, of property subject to the lien, if any, of this Indenture (and the consideration thereof, if any) which it has not previously reported;

(7) any additional issue of Securities which the Trustee has not previously reported; and

(8) any action taken by the Trustee in the performance of its duties under this Indenture which it has not previously reported and which in its opinion materially affects the Securities or the Securities of any series, except any action in respect of a default, notice of which has been or is to be withheld by it in accordance with the provisions of Section 6.07.

(b) The Trustee shall transmit by mail, first class postage prepaid, to the Securityholders, as their names and addresses appear upon the Security Register, a brief report with respect to the character and amount of any advances (and if the Trustee elects so to state, the circumstances surrounding the making thereof) made by the Trustee as such since the date of the last report transmitted pursuant to the provisions of subsection (a) of this Section (or if no such report has yet been so transmitted, since the date of execution of this Indenture), for the reimbursement of which it claims or may claim a lien or charge prior to that of the Securities of any series on property or funds held or collected by it as Trustee, and which it has not previously reported pursuant to this subsection if such advances remaining unpaid at any time aggregate more than 10% of the principal amount of Securities of such series outstanding at such time, such report to be transmitted within 90 days after such time.

(c) A copy of each such report shall, at the time of such transmission to Securityholders, be filed by the Trustee with the Company, with each stock exchange upon which any Securities are listed (if so listed) and also with the Commission. The Company agrees to notify the Trustee when any Securities become listed on any stock exchange.

ARTICLE SIX
REMEDIES OF THE TRUSTEE AND SECURITYHOLDERS
ON EVENT OF DEFAULT

SECTION 6.01. (a) Whenever used herein with respect to Securities of a particular series, "Event of Default" means any one or more of the following events which has occurred and is continuing:

(1) default in the payment of any installment of interest upon any of the Securities of that series, as and when the same shall become due and payable, and continuance of such default for a period of 30 days;

(2) default in the payment of the principal of (or premium, if any, on) any of the Securities of that series as and when the same shall become due and payable whether at maturity, upon redemption, pursuant to any sinking fund obligation, by declaration or otherwise, and continuance of such default for a period of 3 Business Days;

(3) failure on the part of the Company duly to observe or perform any other of the covenants or agreements on the part of the Company with respect to that series contained in such Securities or otherwise established with respect to that series of Securities pursuant to Section 2.01 hereof or contained in this Indenture (other than a covenant or agreement which has been expressly included in this Indenture solely for the benefit of one or more series of Securities other than such series) for a period of 90 days after the date on which written notice of such failure, requiring the same to be remedied and stating that such notice is a "Notice of Default" hereunder, shall have been given to the Company by the Trustee, by registered or certified mail, or to the Company and the Trustee by the holders of at least 33% in principal amount of the Securities of that series at the time outstanding;

(4) a decree or order by a court having jurisdiction in the premises shall have been entered adjudging the Company as bankrupt or insolvent, or approving as properly filed a petition seeking liquidation or reorganization of the Company under the Federal Bankruptcy Code or any other similar applicable Federal or State law, and such decree or order

shall have continued unvacated and unstayed for a period of 90 consecutive days; or an involuntary case shall be commenced under such Code in respect of the Company and shall continue undismissed for a period of 90 consecutive days or an order for relief in such case shall have been entered; or a decree or order of a court having jurisdiction in the premises shall have been entered for the appointment on the ground of insolvency or bankruptcy of a receiver or custodian or liquidator or trustee or assignee in bankruptcy or insolvency of the Company or of its property, or for the winding up or liquidation of its affairs, and such decree or order shall have remained in force unvacated and unstayed for a period of 90 consecutive days;

(5) the Company shall institute proceedings to be adjudicated a voluntary bankrupt, or shall consent to the filing of a bankruptcy proceeding against it, or shall file a petition or answer or consent seeking liquidation or reorganization under the Federal Bankruptcy Code or any other similar applicable Federal or State law, or shall consent to the filing of any such petition, or shall consent to the appointment on the ground of insolvency or bankruptcy of a receiver or custodian or liquidator or trustee or assignee in bankruptcy or insolvency of it or of its property, or shall make an assignment for the benefit of creditors; or

(6) the occurrence of any other Event of Default with respect to Securities of such series, as contemplated by Section 2.01 hereof.

(b) The Company shall file with the Trustee written notice of the occurrence of any Event of Default within five Business Days of the Company's becoming aware of any such Event of Default. In each and every such case, unless the principal of all the Securities of that series shall have already become due and payable, either the Trustee or the holders of not less than 33% in aggregate principal amount of the Securities of that series then outstanding hereunder, by notice in writing to the Company (and to the Trustee if given by such Securityholders), may declare the principal (or, if any of such Securities are Discount Securities, such portion of the principal amount thereof as may be specified by their terms as contemplated by Section 2.01) of all the Securities of that series to be due and payable immediately, and upon any such declaration the same shall become and shall be immediately due and payable, anything contained in this Indenture or in the Securities of that series or established with respect to that series pursuant to Section 2.01 hereof to the contrary notwithstanding.

(c) Section 6.01(b), however, is subject to the condition that if, at any time after the principal of the Securities of that series shall have been so declared due and payable, and before any judgment or decree for the payment of the monies due shall have

been obtained or entered as hereinafter provided, the Company shall pay or shall deposit with the Trustee a sum sufficient to pay all matured installments of interest upon all the Securities of that series and the principal of (and premium, if any, on) any and all Securities of that series which shall have become due otherwise than by acceleration (with interest upon such principal and premium, if any, and, to the extent that such payment is enforceable under applicable law, upon overdue installments of interest, at the rate per annum expressed in the Securities of that series to the date of such payment or deposit) and the amount payable to the Trustee under Section 7.06, and any and all defaults under the Indenture, other than the nonpayment of principal on Securities of that series which shall not have become due by their terms, shall have been remedied or waived as provided in Section 6.06, then and in every such case the holders of a majority in aggregate principal amount of the Securities of that series then outstanding, by written notice to the Company and to the Trustee, may rescind and annul such declaration and its consequences with respect to that series of Securities; but no such rescission and annulment shall extend to or shall affect any subsequent default, or shall impair any right consequent thereon.

(d) In case the Trustee shall have proceeded to enforce any right with respect to Securities of that series under this Indenture and such proceedings shall have been discontinued or abandoned because of such rescission or annulment or for any other reason or shall have been determined adversely to the Trustee, then and in every such case the Company and the Trustee shall be restored respectively to their former positions and rights hereunder, and all rights, remedies and powers of the Company and the Trustee shall continue as though no such proceedings had been taken.

SECTION 6.02. (a) The Company covenants that in case an Event of Default described in subsection 6.01(a)(1) or (a)(2) shall have occurred and be continuing, upon demand of the Trustee, the Company will pay to the Trustee, for the benefit of the holders of the Securities of that series, the whole amount that then shall have become due and payable on all such Securities for principal (and premium, if any) or interest, or both, as the case may be, with interest upon the overdue principal (and premium, if any) and (to the extent that payment of such interest is enforceable under applicable law and without duplication of any other amounts paid by the Company in respect thereof) upon overdue installments of interest at the rate per annum expressed in the Securities of that series; and, in addition thereto, such further amount as shall be sufficient to cover the costs and expenses of collection, and the amount payable to the Trustee under Section 7.06.

(b) In case the Company shall fail forthwith to pay such amounts upon such demand, the Trustee, in its own name and as trustee of an express trust, shall be entitled and empowered to

institute any action or proceedings at law or in equity for the collection of the sums so due and unpaid, and may prosecute any such action or proceeding to judgment or final decree, and may enforce any such judgment or final decree against the Company or other obligor upon the Securities of that series and collect in the manner provided by law out of the property of the Company or other obligor upon the Securities of that series wherever situated the monies adjudged or decreed to be payable.

(c) In case of any receivership, insolvency, liquidation, bankruptcy, reorganization, readjustment, arrangement, composition or other judicial proceedings affecting the Company, any other obligor on such Securities, or the creditors or property of either, the Trustee shall have power to intervene in such proceedings and take any action therein that may be permitted by the court and shall (except as may be otherwise provided by law) be entitled to file such proofs of claim and other papers and documents as may be necessary or advisable in order to have the claims of the Trustee and of the holders of Securities of such series allowed for the entire amount due and payable by the Company or such other obligor under this Indenture at the date of institution of such proceedings and for any additional amount which may become due and payable by the Company or such other obligor after such date, and to collect and receive any monies or other property payable or deliverable on any such claim, and to distribute the same after the deduction of the amount payable to the Trustee under Section 7.06; and any receiver, assignee or trustee in bankruptcy or reorganization is hereby authorized by each of the holders of Securities of such series to make such payments to the Trustee, and, in the event that the Trustee shall consent to the making of such payments directly to such Securityholders, to pay to the Trustee any amount due it under Section 7.06.

(d) All rights of action and of asserting claims under this Indenture, or under any of the terms established with respect to Securities of that series, may be enforced by the Trustee without the possession of any of such Securities, or the production thereof at any trial or other proceeding relative thereto, and any such suit or proceeding instituted by the Trustee shall be brought in its own name as trustee of an express trust, and any recovery of judgment shall, after provision for payment to the Trustee of any amounts due under Section 7.06, be for the ratable benefit of the holders of the Securities of such series.

In case of an Event of Default hereunder, the Trustee may in its discretion proceed to protect and enforce the rights vested in it by this Indenture by such appropriate judicial proceedings as the Trustee shall deem most effectual to protect and enforce any of such rights, either at law or in equity or in bankruptcy or otherwise, whether for the specific enforcement of any covenant or agreement contained in the Indenture or in aid of the exercise of any power granted in this Indenture, or to enforce any other legal

or equitable right vested in the Trustee by this Indenture or by law.

Nothing herein contained shall be deemed to authorize the Trustee to authorize or consent to or accept or adopt on behalf of any Securityholder any plan of reorganization, arrangement, adjustment or composition affecting the Securities of that series or the rights of any holder thereof or to authorize the Trustee to vote in respect of the claim of any Securityholder in any such proceeding.

SECTION 6.03. Any monies collected by the Trustee pursuant to Section 6.02 with respect to a particular series of Securities shall be applied in the order following, at the date or dates fixed by the Trustee and, in case of the distribution of such monies on account of principal (or premium, if any) or interest, upon presentation of the several Securities of that series, and stamping thereon the payment, if only partially paid, and upon surrender thereof if fully paid:

FIRST: To the payment of costs and expenses of collection and of all amounts payable to the Trustee under Section 7.06;

SECOND: To the payment of the amounts then due and unpaid upon Securities of such series for principal (and premium, if any) and interest, in respect of which or for the benefit of which such money has been collected, ratably, without preference or priority of any kind, according to the amounts due and payable on such Securities for principal (and premium, if any) and interest, respectively; and

THIRD: To the Company.

SECTION 6.04. No holder of any Security of any series shall have any right by virtue or by availing of any provision of this Indenture to institute any suit, action or proceeding in equity or at law upon or under or with respect to this Indenture or for the appointment of a receiver or trustee, or for any other remedy hereunder, unless such holder previously shall have given to the Trustee written notice of an Event of Default and of the continuance thereof with respect to Securities of such series specifying such Event of Default, as hereinbefore provided, and unless also the holders of not less than 33% in aggregate principal amount of the Securities of such series then outstanding shall have made written request upon the Trustee to institute such action, suit or proceeding in its own name as trustee hereunder and shall have offered to the Trustee such reasonable indemnity as it may require against the costs, expenses and liabilities to be incurred therein or thereby, and the Trustee for 60 days after its receipt of such notice, request and offer of indemnity, shall have failed to institute any such action, suit or proceeding; it being

understood and intended, and being expressly covenanted by the taker and holder of every Security of such series with every other such taker and holder and the Trustee, that no one or more holders of Securities of such series shall have any right in any manner whatsoever by virtue or by availing of any provision of this Indenture to affect, disturb or prejudice the rights of the holders of any other of such Securities, or to obtain or seek to obtain priority over or preference to any other such holder, or to enforce any right under this Indenture, except in the manner herein provided and for the equal, ratable and common benefit of all holders of Securities of such series. For the protection and enforcement of the provisions of this Section, each and every Securityholder and the Trustee shall be entitled to such relief as can be given either at law or in equity.

Notwithstanding any other provisions of this Indenture, however, the right of any holder of any Security to receive payment of the principal of (and premium, if any) and interest on such Security, as therein provided, on or after the respective due dates expressed in such Security (or in the case of redemption, on the redemption date), or to institute suit for the enforcement of any such payment on or after such respective dates or redemption date, shall not be impaired or affected without the consent of such holder.

SECTION 6.05. (a) All powers and remedies given by this Article to the Trustee or to the Securityholders shall, to the extent permitted by law, be deemed cumulative and not exclusive of any others thereof or of any other powers and remedies available to the Trustee or the holders of the Securities, by judicial proceedings or otherwise, to enforce the performance or observance of the covenants and agreements contained in this Indenture or otherwise established with respect to such Securities.

(b) No delay or omission of the Trustee or of any holder of any of the Securities to exercise any right or power accruing upon any Event of Default occurring and continuing as aforesaid shall impair any such right or power, or shall be construed to be a waiver of any such default or an acquiescence therein; and, subject to the provisions of Section 6.04, every power and remedy given by this Article or by law to the Trustee or to the Securityholders may be exercised from time to time, and as often as shall be deemed expedient, by the Trustee or by the Securityholders.

SECTION 6.06. The holders of a majority in aggregate principal amount of the Securities of any series at the time outstanding, determined in accordance with Section 8.04, shall have the right to direct the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred on the Trustee with respect to such series; provided, however, that such direction shall not be in conflict with any rule of law or with this Indenture or unduly

prejudicial to the rights of holders of Securities of any other series at the time outstanding determined in accordance with Section 8.04 not parties thereto. Subject to the provisions of Section 7.01, the Trustee shall have the right to decline to follow any such direction if the Trustee in good faith shall, by a Responsible Officer or Officers of the Trustee, determine that the proceeding so directed might involve the Trustee in personal liability. The holders of a majority in aggregate principal amount of the Securities of any series at the time outstanding affected thereby, determined in accordance with Section 8.04, may on behalf of the holders of all of the Securities of such series waive any past default in the performance of any of the covenants contained herein or established pursuant to Section 2.01 with respect to such series and its consequences, except a default in the payment of the principal of, or premium, if any, or interest on, any of the Securities of that series as and when the same shall become due by the terms of such Securities otherwise than by acceleration (unless such default has been cured and a sum sufficient to pay all matured installments of interest and principal otherwise than by acceleration and any premium has been deposited with the Trustee (in accordance with Section 6.01(c))) or a call for redemption of Securities of that series. Upon any such waiver, the default covered thereby shall be deemed to be cured for all purposes of this Indenture and the Company, the Trustee and the holders of the Securities of such series shall be restored to their former positions and rights hereunder, respectively; but no such waiver shall extend to any subsequent or other default or impair any right consequent thereon.

SECTION 6.07. The Trustee shall, within 90 days after the occurrence of a default with respect to a particular series, transmit by mail, first class postage prepaid, to the holders of Securities of that series, as their names and addresses appear upon the Security Register, notice of all defaults with respect to that series known to the Trustee, unless such defaults shall have been cured or waived before the giving of such notice (the term "defaults" for the purposes of this Section being hereby defined to be the events specified in subsections (1), (2), (3), (4), (5), (6) and (7) of Section 6.01(a), not including any periods of grace provided for therein and irrespective of the giving of notice provided for by subsection (4) of Section 6.01(a)); provided, that, except in the case of default in the payment of the principal of (or premium, if any) or interest on any of the Securities of that series or in the payment of any sinking or analogous fund installment established with respect to that series, the Trustee shall be protected in withholding such notice if and so long as the board of directors, the executive committee, or a trust committee of directors and/or Responsible Officers, of the Trustee in good faith determine that the withholding of such notice is in the interests of the holders of Securities of that series; provided further, that in the case of any default of the character specified in Section 6.01(a)(4) with respect to Securities of such series no

such notice to the holders of the Securities of that series shall be given until at least 30 days after the occurrence thereof.

The Trustee shall not be deemed to have knowledge of any default, except (i) a default under subsection (a)(1), (a)(2) or (a)(3) of Section 6.01 as long as the Trustee is acting as paying agent for such series of Securities or (ii) any default as to which the Trustee shall have received written notice or a Responsible Officer charged with the administration of this Indenture shall have obtained written notice.

SECTION 6.08. All parties to this Indenture agree, and each holder of any Securities by his or her acceptance thereof shall be deemed to have agreed, that any court may in its discretion require, in any suit for the enforcement of any right or remedy under this Indenture, or in any suit against the Trustee for any action taken or omitted by it as Trustee, the filing by any party litigant in such suit of an undertaking to pay the costs of such suit, and that such court may in its discretion assess reasonable costs, including reasonable attorneys' fees, against any party litigant in such suit, having due regard to the merits and good faith of the claims or defenses made by such party litigant; but the provisions of this Section shall not apply to any suit instituted by the Trustee, to any suit instituted by any Securityholder, or group of Securityholders, holding more than 10% in aggregate principal amount of the outstanding Securities of any series, or to any suit instituted by any Securityholder for the enforcement of the payment of the principal of (or premium, if any) or interest on any Security of such series, on or after the respective due dates expressed in such Security or established pursuant to this Indenture.

ARTICLE SEVEN CONCERNING THE TRUSTEE

SECTION 7.01. (a) The Trustee, prior to the occurrence of an Event of Default with respect to Securities of a series and after the curing of all Events of Default with respect to Securities of that series which may have occurred, shall undertake to perform with respect to Securities of such series such duties and only such duties as are specifically set forth in this Indenture, and no implied covenants or obligations shall be read into this Indenture against the Trustee. In case an Event of Default with respect to Securities of a series has occurred (which has not been cured or waived), the Trustee shall exercise with respect to Securities of that series such of the rights and powers vested in it by this Indenture, and use the same degree of care and skill in their exercise, as a prudent man would exercise or use under the circumstances in the conduct of his own affairs.

(b) No provision of this Indenture shall be construed to relieve the Trustee from liability for its own negligent action, its own negligent failure to act, or its own willful misconduct, except that:

(1) prior to the occurrence of an Event of Default with respect to Securities of a series and after the curing or waiving of all such Events of Default with respect to that series which may have occurred:

(i) the duties and obligations of the Trustee shall with respect to Securities of such series be determined solely by the express provisions of this Indenture, and the Trustee shall not be liable with respect to Securities of such series except for the performance of such duties and obligations as are specifically set forth in this Indenture, and no implied covenants or obligations shall be read into this Indenture against the Trustee; and

(ii) in the absence of bad faith on the part of the Trustee, the Trustee may with respect to Securities of such series conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon any certificates or opinions furnished to the Trustee and conforming to the requirements of this Indenture; but in the case of any such certificates or opinions which by any provision hereof are specifically required to be furnished to the Trustee, the Trustee shall be under a duty to examine the same to determine whether or not they conform to the requirements of this Indenture (but need not confirm or investigate the accuracy of mathematical calculations or other facts stated therein);

(2) the Trustee shall not be liable for any error of judgment made in good faith by a Responsible Officer or Responsible Officers of the Trustee, unless it shall be proved that the Trustee was negligent in ascertaining the pertinent facts;

(3) the Trustee shall not be liable with respect to any action taken or omitted to be taken by it in good faith in accordance with the direction of the holders of not less than a majority in principal amount of the Securities of any series at the time outstanding relating to the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred upon the Trustee under this Indenture with respect to the Securities of that series; and

(4) none of the provisions contained in this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur or risk personal financial liability in the performance of any of its duties or in the exercise of any of its rights or powers, if the Trustee reasonably believes that the repayment of such funds or liability is not reasonably assured to it under the terms of this Indenture or adequate indemnity against such risk is not reasonably assured to it.

(c) Whether or not therein expressly so provided, every provision of this Indenture relating to the conduct or affecting the liability of or affording protection to the Trustee shall be subject to the provisions of this Section 7.01.

SECTION 7.02. Except as otherwise provided in Section 7.01:

(a) The Trustee may conclusively rely and shall be fully protected in acting or refraining from acting upon any resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order, demand, approval, bond, security or other paper or document believed by it (i) to be genuine and (ii) to have been signed or presented by the proper party or parties;

(b) Any request, direction, order or demand of the Company mentioned herein shall be sufficiently evidenced by a Board Resolution or an Officers' Certificate (unless other evidence in respect thereof is specifically prescribed herein);

(c) The Trustee may consult with counsel and the written advice of such counsel or any Opinion of Counsel shall be full and complete authorization and protection in respect of any action taken or suffered or omitted hereunder in good faith and in reliance thereon;

(d) The Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request, order or direction of any of the Securityholders, pursuant to the provisions of this Indenture, unless such Securityholders shall have offered to the Trustee security or indemnity satisfactory to it against the costs, expenses and liabilities which may be incurred therein or thereby; nothing herein contained shall, however, relieve the Trustee of the obligation, upon the occurrence of an Event of Default with respect to a series of the Securities (which has not been cured or waived) to exercise with respect to Securities of that series such of the rights and powers vested in it by this Indenture, and to use the same degree of care and skill in their exercise, as a prudent man would exercise or use under the circumstances in the conduct of his own affairs;

(e) The Trustee shall not be liable for any action taken or omitted to be taken by it in good faith and believed by it to be authorized or within the discretion or rights or powers conferred upon it by this Indenture;

(f) The Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, report, notice, request, consent, direction, order, demand, approval, bond, security, or other papers or documents, unless requested in writing so to do by the holders of not less than a majority in principal amount of the outstanding Securities of the particular series affected thereby (determined as provided in Section 8.04); provided, however, that if the payment within a reasonable time to the Trustee of the costs, expenses or liabilities likely to be incurred by it in the making of such investigation is, in the opinion of the Trustee, not reasonably assured to the Trustee by the security afforded to it by the terms of this Indenture, the Trustee may require reasonable indemnity against such costs, expenses or liabilities as a condition to so proceeding. The reasonable expense of every such examination shall be paid by the Company or, if paid by the Trustee, shall be repaid by the Company upon demand. Notwithstanding the foregoing, the Trustee, in its direction, may make such further inquiry or investigation into such facts or matters as it may see fit. In making any investigation required or authorized by this subparagraph, the Trustee shall be entitled to examine books, records and premises of the Company, personally or by agent or attorney;

(g) The Trustee may execute any of the trusts or powers hereunder or perform any duties hereunder either directly or by or through agents or attorneys and the Trustee shall not be responsible for any misconduct or negligence on the part of any agent or attorney appointed with due care by it hereunder;

(h) The permissive right of the Trustee to do things enumerated in this Indenture shall not be construed as a duty.

SECTION 7.03. (a) The recitals contained herein and in the Securities (other than the Certificate of Authentication on the Securities) shall be taken as the statements of the Company, and the Trustee assumes no responsibility for the correctness of the same.

(b) The Trustee makes no representations as to the validity or sufficiency of this Indenture or of the Securities.

(c) The Trustee shall not be accountable for the use or application by the Company of any of the Securities or of the proceeds of such Securities, or for the use or application of any monies paid over by the Trustee in accordance with any provision of this Indenture or established pursuant to Section 2.01, or for the

use or application of any monies received by any paying agent other than the Trustee.

SECTION 7.04. The Trustee or any paying agent or Security Registrar, in its individual or any other capacity, may become the owner or pledgee of Securities with the same rights it would have if it were not Trustee, paying agent or Security Registrar.

SECTION 7.05. Subject to the provisions of Section 11.04, all monies received by the Trustee shall, until used or applied as herein provided, be held in trust for the purposes for which they were received, but need not be segregated from other funds except to the extent required by law. The Trustee shall be under no liability for interest on any monies received by it hereunder except such as it may agree in writing with the Company to pay thereon.

SECTION 7.06. (a) The Company covenants and agrees to pay to the Trustee from time to time, and the Trustee shall be entitled to, reasonable compensation (which shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust) for all services rendered by it in the execution of the trusts hereby created and in the exercise and performance of any of the powers and duties hereunder of the Trustee, and the Company will pay or reimburse the Trustee upon its request for all reasonable expenses, disbursements and advances incurred or made by the Trustee in accordance with any of the provisions of this Indenture (including the reasonable compensation and the reasonable expenses and disbursements of its counsel and agents and of all persons not regularly in its employ) except any such expense, disbursement or advance as may arise from its negligence, willful misconduct or bad faith. The Company also covenants to indemnify the Trustee (and its officers, agents, directors and employees) for, and to hold it harmless against, any loss, liability or expense incurred without negligence, willful misconduct or bad faith on the part of the Trustee and arising out of or in connection with the acceptance or administration of this trust, including the reasonable costs and expenses of defending itself against any claim or liability in connection with the exercise or performance of any of its powers or duties hereunder.

(b) The obligations of the Company under this Section to compensate and indemnify the Trustee and to pay or reimburse the Trustee for expenses, disbursements and advances shall constitute additional indebtedness hereunder. Such additional indebtedness shall be secured by a lien prior to that of the Securities upon all property and funds held or collected by the Trustee as such, except funds held in trust for the benefit of the holders of particular Securities.

(c) Without prejudice to any other rights available to the Trustee under applicable law, when the Trustee incurs expenses or renders services in connection with an Event of Default, the expenses (including reasonable charges and expenses of its counsel) and compensation for its services are intended to constitute expenses of administration under applicable federal or state bankruptcy, insolvency or similar law.

(d) The provisions of this Section 7.06 shall survive the satisfaction and discharge of this Indenture or the appointment of a successor trustee.

SECTION 7.07. Except as otherwise provided in Section 7.01, whenever in the administration of the provisions of this Indenture the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or suffering or omitting to take any action hereunder, such matter (unless other evidence in respect thereof be herein specifically prescribed) may, in the absence of bad faith on the part of the Trustee, be deemed to be conclusively proved and established by an Officers' Certificate delivered to the Trustee and such certificate, in the absence of bad faith on the part of the Trustee, shall be full warrant to the Trustee for any action taken, suffered or omitted to be taken by it under the provisions of this Indenture upon the faith thereof.

SECTION 7.08. If the Trustee has acquired or shall acquire a conflicting interest within the meaning of the Trust Indenture Act, the Trustee shall either eliminate such interest or resign, to the extent and in the manner provided by, and subject to the provisions of, the Trust Indenture Act and this Indenture.

SECTION 7.09. There shall at all times be a Trustee with respect to the Securities issued hereunder which shall at all times be a corporation organized and doing business under the laws of the United States of America or any State or Territory thereof or of the District of Columbia, or a corporation or other person permitted to act as trustee by the Commission, authorized under such laws to exercise corporate trust powers, having a combined capital and surplus of at least 50 million dollars, and subject to supervision or examination by Federal, State, Territorial, or District of Columbia authority. If such corporation publishes reports of condition at least annually, pursuant to law or to the requirements of the aforesaid supervising or examining authority, then for the purposes of this Section, the combined capital and surplus of such corporation shall be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. The Company may not, nor may any person directly or indirectly controlling, controlled by, or under common control with the Company, serve as Trustee. In case at any time the Trustee shall cease to be eligible in accordance with the provisions of this Section, the Trustee shall resign immediately in the manner and with the effect specified in Section 7.10.

SECTION 7.10. (a) The Trustee or any successor hereafter appointed, may at any time resign with respect to the Securities of one or more series by giving written notice thereof to the Company and by transmitting notice of resignation by mail, first class postage prepaid, to the Securityholders of such series, as their names and addresses appear upon the Security Register. Upon receiving such notice of resignation, the Company shall promptly appoint a successor trustee with respect to Securities of such series by written instrument, in duplicate, executed by order of the Board of Directors, one copy of which instrument shall be delivered to the resigning Trustee and one copy to the successor trustee. If no successor trustee shall have been so appointed and have accepted appointment within 30 days after the mailing of such notice of resignation, the resigning Trustee may petition any court of competent jurisdiction for the appointment of a successor trustee with respect to Securities of such series, or any Securityholder of that series who has been a bona fide holder of a Security or Securities for at least six months may, subject to the provisions of Section 6.08, on behalf of himself and all others similarly situated, petition any such court for the appointment of a successor trustee. Such court may thereupon after such notice, if any, as it may deem proper and prescribe, appoint a successor trustee.

(b) In case at any time any of the following shall occur:

(1) the Trustee shall fail to comply with the provisions of Section 7.08 after written request therefor by the Company or by any Securityholder who has been a bona fide holder of a Security or Securities for at least six months; or

(2) The Trustee shall cease to be eligible in accordance with the provisions of Section 7.09 and shall fail to resign after written request therefor by the Company or by any such Securityholder; or

(3) the Trustee shall become incapable of acting, or shall be adjudged a bankrupt or insolvent, or a receiver of the Trustee or of its property shall be appointed, or any public officer shall take charge or control of the Trustee or of its property or affairs for the purpose of rehabilitation, conservation or liquidation;

then, in any such case, the Company may remove the Trustee with respect to all Securities and appoint a successor trustee by written instrument, in duplicate, executed by order of the Board of Directors, one copy of which instrument shall be delivered to the Trustee so removed and one copy to the successor trustee, or, subject to the provisions of Section 6.08, unless, with respect to subsection (b) (1) above, the Trustee's duty to resign is stayed as provided in Section 310(b) of the Trust Indenture Act, any Securityholder who has been a bona fide holder of a Security or

Securities for at least six months may, on behalf of himself and all others similarly situated, petition any court of competent jurisdiction for the removal of the Trustee and the appointment of a successor trustee. Such court may thereupon after such notice, if any, as it may deem proper and prescribe, remove the Trustee and appoint a successor trustee.

(c) The holders of a majority in aggregate principal amount of the Securities of any series at the time outstanding may at any time remove the Trustee with respect to such series and appoint a successor trustee.

(d) Any resignation or removal of the Trustee and appointment of a successor trustee with respect to the Securities of a series pursuant to any of the provisions of this Section shall become effective upon acceptance of appointment by the successor trustee as provided in Section 7.11.

(e) Any successor trustee appointed pursuant to this Section may be appointed with respect to the Securities of one or more series or all of such series, and at any time there shall be only one Trustee with respect to the Securities of any particular series.

SECTION 7.11. (a) In case of the appointment hereunder of a successor trustee with respect to all Securities, every such successor trustee so appointed shall execute, acknowledge and deliver to the Company and to the retiring Trustee an instrument accepting such appointment, and thereupon the resignation or removal of the retiring Trustee shall become effective and such successor trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee; but, on the request of the Company or the successor trustee, such retiring Trustee shall, upon payment of its charges, execute and deliver an instrument transferring to such successor trustee all the rights, powers, and trusts of the retiring Trustee and shall duly assign, transfer and deliver to such successor trustee all property and money held by such retiring Trustee hereunder, subject to any prior lien provided for in Section 7.06(b).

(b) In case of the appointment hereunder of a successor trustee with respect to the Securities of one or more (but not all) series, the Company, the retiring Trustee and each successor trustee with respect to the Securities of one or more series shall execute and deliver an indenture supplemental hereto wherein each successor trustee shall accept such appointment and which (1) shall contain such provisions as shall be necessary or desirable to transfer and confirm to, and to vest in, each successor trustee all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor trustee relates, (2) shall contain

such provisions as shall be deemed necessary or desirable to confirm that all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series as to which the retiring Trustee is not retiring shall continue to be vested in the retiring Trustee, and (3) shall add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one Trustee, it being understood that nothing herein or in such supplemental indenture shall constitute such Trustees co-trustees of the same trust, that each such Trustee shall be trustee of a trust or trusts hereunder separate and apart from any trust or trusts hereunder administered by any other such Trustee and that no Trustee shall be responsible for any act or failure to act on the part of any other Trustee hereunder; and upon the execution and delivery of such supplemental indenture the resignation or removal of the retiring Trustee shall become effective to the extent provided therein, such retiring Trustee shall with respect to the Securities of that or those series to which the appointment of such successor trustee relates have no further responsibility for the exercise of rights and powers or for the performance of the duties and obligations vested in the Trustee under this Indenture, and each such successor trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor trustee relates; but, on request of the Company or any successor trustee, such retiring Trustee shall duly assign, transfer and deliver to such successor trustee, to the extent contemplated by such supplemental indenture, the property and money held by such retiring Trustee hereunder with respect to the Securities of that or those series to which the appointment of such successor trustee relates.

(c) Upon request of any such successor trustee, the Company shall execute any and all instruments for more fully and certainly vesting in and confirming to such successor trustee all such rights, powers and trusts referred to in paragraph (a) or (b) of this Section, as the case may be.

(d) No successor trustee shall accept its appointment unless at the time of such acceptance such successor trustee shall be qualified under the Trust Indenture Act and eligible under this Article.

(e) Upon acceptance of appointment by a successor trustee as provided in this Section, the Company shall transmit notice of the succession of such trustee hereunder by mail, first class postage prepaid, to the Securityholders, as their names and addresses appear upon the Security Register. If the Company fails to transmit such notice within ten days after acceptance of appointment by the successor trustee, the successor trustee shall cause such notice to be transmitted at the expense of the Company.

SECTION 7.12. Any corporation into which the Trustee may be merged or converted or with which it may be consolidated, or any corporation resulting from any merger, conversion or consolidation to which the Trustee shall be a party, or any corporation succeeding to all or substantially all of the corporate trust business of the Trustee, shall be the successor of the Trustee hereunder, provided such corporation shall be qualified under the provisions of the Trust Indenture Act and eligible under the provisions of Section 7.09, without the execution or filing of any paper or any further act on the part of any of the parties hereto, anything herein to the contrary notwithstanding. In case any Securities shall have been authenticated, but not delivered, by the Trustee then in office, any successor by merger, conversion or consolidation to such authenticating Trustee may adopt such authentication and deliver the Securities so authenticated with the same effect as if such successor Trustee had itself authenticated such Securities.

SECTION 7.13. If and when the Trustee shall become a creditor of the Company (or any other obligor upon the Securities), the Trustee shall be subject to the provisions of the Trust Indenture Act regarding collection of claims against the Company (or any other obligor upon the Securities).

ARTICLE EIGHT CONCERNING THE SECURITYHOLDERS

SECTION 8.01. Whenever in this Indenture it is provided that the holders of a majority or specified percentage in aggregate principal amount of the Securities of a particular series may take any action (including the making of any demand or request, the giving of any notice, consent or waiver or the taking of any other action), the fact that at the time of taking any such action the holders of such majority or specified percentage of that series have joined therein may be evidenced by any instrument or any number of instruments of similar tenor executed by such holders of Securities of that series in person or by agent or proxy appointed in writing.

If the Company shall solicit from the Securityholders of any series any request, demand, authorization, direction, notice, consent, waiver or other action, the Company may, at its option, as evidenced by an Officers' Certificate, fix in advance a record date for such series for the determination of Securityholders entitled to give such request, demand, authorization, direction, notice, consent, waiver or other action, but the Company shall have no obligation to do so. If such a record date is fixed, such request, demand, authorization, direction, notice, consent, waiver or other action may be given before or after the record date, but only the Securityholders of record at the close of business on the record date shall be deemed to be Securityholders for the purposes of

determining whether Securityholders of the requisite proportion of outstanding Securities of that series have authorized or agreed or consented to such request, demand, authorization, direction, notice, consent, waiver or other action, and for that purpose the outstanding Securities of that series shall be computed as of the record date; provided that no such authorization, agreement or consent by such Securityholders on the record date shall be deemed effective unless it shall become effective pursuant to the provisions of this Indenture not later than six months after the record date.

In determining whether the holders of the requisite aggregate principal amount of Securities of a particular series have concurred in any direction, consent or waiver under this Indenture, the principal amount of a Discount Security that shall be deemed to be outstanding for such purposes shall be the amount of the principal thereof that would be due and payable as of the date of such determination upon a declaration of acceleration of the maturity thereof pursuant to Section 6.01.

SECTION 8.02. Subject to the provisions of Section 7.01, proof of the execution of any instrument by a Securityholder (such proof will not require notarization) or his agent or proxy and proof of the holding by any person of any of the Securities shall be sufficient if made in the following manner:

(a) The fact and date of the execution by any such person of any instrument may be proved in any reasonable manner acceptable to the Trustee.

(b) The ownership of Securities shall be proved by the Security Register of such Securities or by a certificate of the Security Registrar thereof.

(c) The Trustee may require such additional proof of any matter referred to in this Section as it shall deem necessary.

SECTION 8.03. Prior to the due presentment for registration of transfer of any Security, the Company, the Trustee, any paying agent and any Security Registrar may deem and treat the person in whose name such Security shall be registered upon the books of the Company as the absolute owner of such Security (whether or not such Security shall be overdue and notwithstanding any notice of ownership or writing thereon made by anyone other than the Security Registrar) for the purpose of receiving payment of or on account of the principal of and premium, if any, and (subject to Section 2.03) interest on such Security and for all other purposes; and neither the Company nor the Trustee nor any paying agent nor any Security Registrar shall be affected by any notice to the contrary.

SECTION 8.04. In determining whether the holders of the requisite aggregate principal amount of Securities of a particular

series have concurred in any direction, consent or waiver under this Indenture, Securities of that series which are owned by the Company or any other obligor on the Securities of that series or by any person directly or indirectly controlling or controlled by or under common control with the Company or any other obligor on the Securities of that series shall be disregarded and deemed not to be outstanding for the purpose of any such determination, except that for the purpose of determining whether the Trustee shall be protected in relying on any such direction, consent or waiver, only Securities of such series which the Trustee actually knows are so owned shall be so disregarded. Securities so owned which have been pledged in good faith may be regarded as outstanding for the purposes of this Section, if the pledgee shall establish to the satisfaction of the Trustee the pledgee's right so to act with respect to such Securities and that the pledgee is not a person directly or indirectly controlling or controlled by or under direct or indirect common control with the Company or any such other obligor. In case of a dispute as to such right, any decision by the Trustee taken upon the advice of counsel shall be full protection to the Trustee.

SECTION 8.05. At any time prior to (but not after) the evidencing to the Trustee, as provided in Section 8.01, of the taking of any action by the holders of the majority or percentage in aggregate principal amount of the Securities of a particular series specified in this Indenture in connection with such action, any holder of a Security of that series which is shown by the evidence to be included in the Securities the holders of which have consented to such action may, by filing written notice with the Trustee, and upon proof of holding as provided in Section 8.02, revoke such action so far as concerns such Security. Except as aforesaid any such action taken by the holder of any Security shall be conclusive and binding upon such holder and upon all future holders and owners of such Security, and of any Security issued in exchange therefor, on registration of transfer thereof or in place thereof, irrespective of whether or not any notation in regard thereto is made upon such Security. Any action taken by the holders of the majority or percentage in aggregate principal amount of the Securities of a particular series specified in this Indenture in connection with such action shall be conclusively binding upon the Company, the Trustee and the holders of all the Securities of that series.

ARTICLE NINE SUPPLEMENTAL INDENTURES

SECTION 9.01. In addition to any supplemental indenture otherwise authorized by this Indenture, the Company, when authorized by a Board Resolution, and the Trustee may from time to time and at any time enter into an indenture or indentures supplemental hereto (which shall conform to the provisions of the

Trust Indenture Act as then in effect), without the consent of the Securityholders, for one or more of the following purposes:

(a) to evidence the succession of another person to the Company, and the assumption by any such successor of the covenants of the Company contained herein or otherwise established with respect to the Securities; or

(b) to add to the covenants of the Company such further covenants, restrictions, conditions or provisions for the protection of the holders of the Securities of all or any series, and to make the occurrence, or the occurrence and continuance, of a default in any of such additional covenants, restrictions, conditions or provisions a default or an Event of Default with respect to such series permitting the enforcement of all or any of the several remedies provided in this Indenture as herein set forth; provided, however, that in respect of any such additional covenant, restriction, condition or provision such supplemental indenture may provide for a particular period of grace after default (which period may be shorter or longer than that allowed in the case of other defaults) or may provide for an immediate enforcement upon such default or may limit the remedies available to the Trustee upon such default or may limit the right of the holders of a majority in aggregate principal amount of the Securities of such series to waive such default; or

(c) to cure any ambiguity or to correct or supplement any provision contained herein or in any supplemental indenture which may be defective or inconsistent with any other provision contained herein or in any supplemental indenture, or to make such other provisions in regard to matters or questions arising under this Indenture as shall not be inconsistent with the provisions of this Indenture and shall not adversely affect the interests of the holders of the Securities of any series; or

(d) to change or eliminate any of the provisions of this Indenture or to add any new provision to this Indenture; provided, however, that such change, elimination or addition shall become effective only when there is no Security outstanding of any series created prior to the execution of such supplemental indenture that is entitled to the benefit of such provisions; or

(e) to establish the form or terms of Securities of any series as permitted by Section 2.01; or

(f) to add any additional Events of Default with respect to all or any series of outstanding Securities; or

(g) to provide collateral security for the Securities; or

(h) to provide for the authentication and delivery of bearer securities and coupons appertaining thereto representing interest,

if any, thereon and for the procedures for the registration, exchange and replacement thereof and for the giving of notice to, and the solicitation of the vote or consent of, the holders thereof, and for any other matters incidental thereto; or

(i) to evidence and provide for the acceptance of appointment hereunder by a separate or successor Trustee with respect to the Securities of one or more series and to add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one Trustee, pursuant to the requirements of Article Seven; or

(j) to change any place or places where (1) the principal of and premium, if any, and interest, if any, on all or any series of Securities shall be payable, (2) all or any series of Securities may be surrendered for registration of transfer, (3) all or any series of Securities may be surrendered for exchange and (4) notices and demands to or upon the Company in respect of all or any series of Securities and this Indenture may be served; provided, however, that any such place shall be located in New York, New York or be the principal office of the Company; or

(k) to provide for the payment by the Company of additional amounts in respect of certain taxes imposed on certain holders and for the treatment of such additional amounts as interest and for all matters incidental thereto; or

(l) to provide for the issuance of Securities denominated in a currency other than Dollars or in a composite currency and for all matters incidental thereto.

Without limiting the generality of the foregoing, if the Trust Indenture Act as in effect at the date of the execution and delivery of this Indenture or at any time thereafter shall be amended and

(x) if any such amendment shall require one or more changes to any provisions hereof or the inclusion herein of any additional provisions, or shall by operation of law be deemed to effect such changes or incorporate such provisions by reference or otherwise, this Indenture shall be deemed to have been amended so as to conform to such amendment to the Trust Indenture Act, and the Company and the Trustee may, without the consent of any Securityholders, enter into a supplemental indenture hereto to effect or evidence such changes or additional provisions; or

(y) if any such amendment shall permit one or more changes to, or the elimination of, any provisions hereof which, at the date of the execution and delivery hereof or at any time thereafter, are required by the Trust Indenture Act to be contained herein, this Indenture shall be deemed to have

been amended to effect such changes or elimination, and the Company and the Trustee may, without the consent of any Securityholders, enter into a supplemental indenture hereto to effect such changes or elimination; or

(z) if, by reason of any such amendment, one or more provisions which, at the date of the execution and delivery hereof or at any time thereafter, are required by the Trust Indenture Act to be contained herein shall be deemed to be incorporated herein by reference or otherwise, or otherwise made applicable hereto, and shall no longer be required to be contained herein, the Company and the Trustee may, without the consent of any Securityholders, enter into a supplemental indenture hereto to effect the elimination of such provisions.

The Trustee is hereby authorized to join with the Company in the execution of any such supplemental indenture, and to make any further appropriate agreements and stipulations which may be therein contained, but the Trustee shall not be obligated to enter into any such supplemental indenture which affects the Trustee's own rights, duties or immunities under this Indenture or otherwise.

Any supplemental indenture authorized by the provisions of this Section may be executed by the Company and the Trustee without the consent of the holders of any of the Securities at the time outstanding, notwithstanding any of the provisions of Section 9.02.

SECTION 9.02. With the consent (evidenced as provided in Section 8.01) of the holders of not less than a majority in aggregate principal amount of the Securities of each series affected by such supplemental indenture or indentures at the time outstanding, the Company, when authorized by a Board Resolution, and the Trustee may from time to time and at any time enter into an indenture or indentures supplemental hereto (which shall conform to the provisions of the Trust Indenture Act as then in effect) for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this Indenture or of any supplemental indenture or of modifying in any manner the rights of the holders of the Securities of such series under this Indenture; provided, however, that no such supplemental indenture shall (i) extend the fixed maturity of any Securities of any series, or reduce the principal amount thereof, or reduce the rate or extend the time of payment of interest thereon, or reduce any premium payable upon the redemption thereof, or reduce the amount of the principal of a Discount Security that would be due and payable upon a declaration of acceleration of the maturity thereof pursuant to Section 6.01, without the consent of the holders of each Security then outstanding and affected, (ii) reduce the aforesaid percentage of Securities, the holders of which are required to consent to any such supplemental indenture, or reduce the percentage of Securities, the holders of which are required to waive any default and its consequences, without the consent of the holder of each

Security then outstanding and affected thereby, or (iii) modify any provision of Section 6.01(c) (except to increase the percentage of principal amount of securities required to rescind and annul any declaration of amounts due and payable under the Securities) without the consent of the holders of each Security then outstanding and affected thereby.

Upon the request of the Company, accompanied by a Board Resolution authorizing the execution of any such supplemental indenture, and upon the filing with the Trustee of evidence of the consent of Securityholders required to consent thereto, as aforesaid, the Trustee shall join with the Company in the execution of such supplemental indenture unless such supplemental indenture affects the Trustee's own rights, duties or immunities under this Indenture or otherwise, in which case the Trustee may in its discretion, but shall not be obligated to, enter into such supplemental indenture.

A supplemental indenture that changes or eliminates any covenant or other provision of this Indenture that has expressly been included solely for the benefit of one or more particular series of Securities, or that modifies the rights of holders of Securities of such series with respect to such covenant or other provision, shall be deemed not to affect the rights under this Indenture of the holders of Securities of any other series.

It shall not be necessary for the consent of the Securityholders of any series affected thereby under this Section to approve the particular form of any proposed supplemental indenture, but it shall be sufficient if such consent shall approve the substance thereof.

Promptly after the execution by the Company and the Trustee of any supplemental indenture pursuant to the provisions of this Section, the Trustee shall transmit by mail, first class postage prepaid, a notice, setting forth in general terms the substance of such supplemental indenture, to the Securityholders of all series affected thereby as their names and addresses appear upon the Security Register. Any failure of the Trustee to mail such notice, or any defect therein, shall not, however, in any way impair or affect the validity of any such supplemental indenture.

SECTION 9.03. Upon the execution of any supplemental indenture pursuant to the provisions of this Article or of Section 10.01, this Indenture shall, with respect to such series, be and be deemed to be modified and amended in accordance therewith and the respective rights, limitations of rights, obligations, duties and immunities under this Indenture of the Trustee, the Company and the holders of Securities of the series affected thereby shall thereafter be determined, exercised and enforced hereunder subject in all respects to such modifications and amendments, and all the terms and conditions of any such supplemental indenture shall be

and be deemed to be part of the terms and conditions of this Indenture for any and all purposes.

SECTION 9.04. Securities of any series, affected by a supplemental indenture, authenticated and delivered after the execution of such supplemental indenture pursuant to the provisions of this Article, Article Two or Article Seven or of Section 10.01, may bear a notation in form approved by the Company, provided such form meets the requirements of any exchange upon which such series may be listed, as to any matter provided for in such supplemental indenture. If the Company shall so determine, new Securities of that series so modified as to conform, in the opinion of the Board of Directors, to any modification of this Indenture contained in any such supplemental indenture may be prepared by the Company, authenticated by the Trustee and delivered in exchange for the Securities of that series then outstanding.

SECTION 9.05. The Trustee, subject to the provisions of Section 7.01, shall be entitled to receive, and shall be fully protected in relying upon, an Opinion of Counsel as conclusive evidence that any supplemental indenture executed pursuant to this Article is authorized or permitted by, and conforms to, the terms of this Article and that it is proper for the Trustee under the provisions of this Article to join in the execution thereof.

ARTICLE TEN CONSOLIDATION, MERGER AND SALE

SECTION 10.01. Nothing contained in this Indenture or in any of the Securities shall prevent any consolidation or merger of the Company with or into any other corporation or corporations (whether or not affiliated with the Company), or successive consolidations or mergers in which the Company or its successor or successors shall be a party or parties, or shall prevent any sale, conveyance, transfer or other disposition of all or substantially all of the property of the Company or its successor or successors as an entirety, or substantially as an entirety, to any other corporation (whether or not affiliated with the Company or its successor or successors) authorized to acquire and operate the same; provided, however, the Company hereby covenants and agrees that, upon any such consolidation, merger, sale, conveyance, transfer or other disposition, the due and punctual payment of the principal of (premium, if any) and interest on all of the Securities of all series in accordance with the terms of each series, according to their tenor, and the due and punctual performance and observance of all the covenants and conditions of this Indenture with respect to each series or established with respect to such series pursuant to Section 2.01 to be kept or performed by the Company, shall be expressly assumed, by supplemental indenture (which shall conform to the provisions of the Trust Indenture Act as then in effect) satisfactory in form to the Trustee executed and delivered to the

Trustee by the entity formed by such consolidation, or into which the Company shall have been merged, or by the entity which shall have acquired such property.

SECTION 10.02. (a) In case of any such consolidation, merger, sale, conveyance, transfer or other disposition and upon the assumption by the successor corporation, by supplemental indenture, executed and delivered to the Trustee and satisfactory in form to the Trustee, of the due and punctual payment of the principal of and premium, if any, and interest on all of the Securities of all series outstanding and the due and punctual performance of all of the covenants and conditions of this Indenture or established with respect to each series of the Securities pursuant to Section 2.01 to be kept or performed by the Company with respect to each series, such successor corporation shall succeed to and be substituted for the Company, with the same effect as if it had been named herein as the party of the first part, and thereupon (provided, that in the case of a lease, the term of the lease is at least as long as the longest maturity of any Securities outstanding at such time) the predecessor corporation shall be relieved of all obligations and covenants under this Indenture and the Securities. Such successor corporation thereupon may cause to be signed, and may issue either in its own name or in the name of the Company or any other predecessor obligor on the Securities, any or all of the Securities issuable hereunder which theretofore shall not have been signed by the Company and delivered to the Trustee; and, upon the order of such successor company, instead of the Company, and subject to all the terms, conditions and limitations in this Indenture prescribed, the Trustee shall authenticate and shall deliver any Securities which previously shall have been signed and delivered by the officers of the predecessor Company to the Trustee for authentication, and any Securities which such successor corporation thereafter shall cause to be signed and delivered to the Trustee for that purpose. All the Securities so issued shall in all respects have the same legal rank and benefit under this Indenture as the Securities theretofore or thereafter issued in accordance with the terms of this Indenture as though all of such Securities had been issued at the date of the execution hereof.

(b) In case of any such consolidation, merger, sale, conveyance, transfer or other disposition such changes in phraseology and form (but not in substance) may be made in the Securities thereafter to be issued as may be appropriate.

(c) Nothing contained in this Indenture or in any of the Securities shall prevent the Company from merging into itself or acquiring by purchase or otherwise all or any part of the property of any other corporation (whether or not affiliated with the Company).

SECTION 10.03. The Trustee, subject to the provisions of Section 7.01, may receive an Opinion of Counsel as conclusive evidence that any such consolidation, merger, sale, conveyance, transfer or other disposition, and any such assumption, comply with the provisions of this Article.

ARTICLE ELEVEN
DEFEASANCE AND CONDITIONS TO DEFEASANCE; UNCLAIMED MONIES

SECTION 11.01. Securities of a series may be defeased in accordance with their terms and, unless the Company Order or supplemental indenture establishing the series otherwise provides, in accordance with this Article.

The Company at any time may terminate as to a series all of its obligations for such series under this Indenture ("legal defeasance option"). The Company at any time may terminate as to a series its obligations, if any, under any restrictive covenant which may be applicable to a particular series ("covenant defeasance option"). However, in the case of the legal defeasance option, the Company's obligations in Sections 2.05, 2.07, 4.02, 7.06, 7.10 and 11.04 shall survive until the Securities of the series are no longer outstanding; thereafter the Company's obligations in Sections 7.06, 7.10 and 11.04 shall survive.

The Company may exercise its legal defeasance option notwithstanding its prior exercise of its covenant defeasance option. If the Company exercises its legal defeasance option, a series may not be accelerated because of an Event of Default. If the Company exercises its covenant defeasance option, a series may not be accelerated by reference to any restrictive covenant which may be applicable to a particular series so defeased under the terms of the series.

The Trustee, upon request of and at the cost and expense of the Company, shall, subject to compliance with Section 13.06, acknowledge in writing the discharge of those obligations that the Company terminates.

The Company may exercise as to a series its legal defeasance option or its covenant defeasance option if:

- (1) The Company irrevocably deposits in trust with the Trustee or another trustee (x) money in an amount which shall be sufficient; or (y) Eligible Obligations the principal of and the interest on which when due, without regard to reinvestment thereof, will provide moneys, which, together with the money, if any, deposited or held by the Trustee or such other trustee, shall be sufficient; or (z) a combination of money and Eligible Obligations which shall be sufficient, to pay the principal of and premium, if any, and interest, if

any, due and to become due on such Securities on or prior to maturity;

(2) the Company delivers to the Trustee a Certificate to the effect that the requirements set forth in clause (1) above have been satisfied;

(3) immediately after the deposit no Default exists; and

(4) the Company delivers to the Trustee an Opinion of Counsel to the effect that holders of the series will not recognize income, gain or loss for Federal income tax purposes as a result of the defeasance but will realize income, gain or loss on the Securities, including payments of interest thereon, in the same amounts and in the same manner and at the same time as would have been the case if such defeasance had not occurred and which, in the case of legal defeasance, shall be (x) accompanied by a ruling of the Internal Revenue Service issued to the Company or (y) based on a change in law or regulation occurring after the date hereof; and

(5) the deposit specified in paragraph (1) above shall not result in the Company, the Trustee or the trust created in connection with such defeasance being deemed an "investment company" under the Investment Company Act of 1940, as amended.

In the event the Company exercises its option to effect a covenant defeasance with respect to the Securities of any series as described above and the Securities of that series are thereafter declared due and payable because of the occurrence of any Event of Default other than the Event of Default caused by failing to comply with the covenants which are defeased, the amount of money and securities on deposit with the Trustee may not be sufficient to pay amounts due on the Securities of that series at the time of the acceleration resulting from such Event of Default. However, the Company shall remain liable for such payments.

SECTION 11.02. All monies or Eligible Obligations deposited with the Trustee pursuant to Section 11.01 shall be held in trust and shall be available for payment as due, either directly or through any paying agent (including the Company acting as its own paying agent), to the holders of the particular series of Securities for the payment or redemption of which such monies or Eligible Obligations have been deposited with the Trustee.

SECTION 11.03. In connection with the satisfaction and discharge of this Indenture all monies or Eligible Obligations then held by any paying agent under the provisions of this Indenture shall, upon demand of the Company, be paid to the Trustee and thereupon such paying agent shall be released from all further liability with respect to such monies or Eligible Obligations.

SECTION 11.04. Any monies or Eligible Obligations deposited with any paying agent or the Trustee, or then held by the Company, in trust for payment of principal of or premium or interest on the Securities of a particular series that are not applied but remain unclaimed by the holders of such Securities for at least two years after the date upon which the principal of (and premium, if any) or interest on such Securities shall have respectively become due and payable, upon the written request of the Company and unless otherwise required by mandatory provisions of applicable escheat or abandoned or unclaimed property law, shall be repaid to the Company on May 31 of each year or (if then held by the Company) shall be discharged from such trust; and thereupon the paying agent and the Trustee shall be released from all further liability with respect to such monies or Eligible Obligations, and the holder of any of the Securities entitled to receive such payment shall thereafter, as an unsecured general creditor, look only to the Company for the payment thereof.

SECTION 11.05. In connection with any satisfaction and discharge of this Indenture pursuant to this Article Eleven, the Company shall deliver to the Trustee an Officers' Certificate and an Opinion of Counsel to the effect that all conditions precedent in this Indenture provided for relating to such satisfaction and discharge have been complied with.

ARTICLE TWELVE
IMMUNITY OF INCORPORATORS, STOCKHOLDERS, OFFICERS
AND DIRECTORS

SECTION 12.01. No recourse under or upon any obligation, covenant or agreement of this Indenture, or of any Security, or for any claim based thereon or otherwise in respect thereof, shall be had against any incorporator, stockholder, officer or director, past, present or future as such, of the Company or of any predecessor or successor corporation, either directly or through the Company or any such predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise; it being expressly understood that this Indenture and the obligations issued hereunder are solely corporate obligations, and that no such personal liability whatever shall attach to, or is or shall be incurred by, the incorporators, stockholders, officers or directors as such, of the Company or of any predecessor or successor corporation, or any of them, because of the creation of the indebtedness hereby authorized, or under or by reason of the obligations, covenants or agreements contained in this Indenture or in any of the Securities or implied therefrom; and that any and all such personal liability of every name and nature, either at common law or in equity or by constitution or statute, of, and any and all such rights and claims against, every such incorporator, stockholder, officer or director as such, because of the creation

of the indebtedness hereby authorized, or under or by reason of the obligations, covenants or agreements contained in this Indenture or in any of the Securities or implied therefrom, are hereby expressly waived and released as a condition of, and as a consideration for, the execution of this Indenture and the issuance of such Securities.

ARTICLE THIRTEEN
MISCELLANEOUS PROVISIONS

SECTION 13.01. All the covenants, stipulations, promises and agreements in this Indenture contained by or on behalf of the Company shall bind its successors and assigns, whether so expressed or not.

SECTION 13.02. Any act or proceeding by any provision of this Indenture authorized or required to be done or performed by any board, committee or officer of the Company shall and may be done and performed with like force and effect by the corresponding board, committee or officer of any corporation that shall at the time be the lawful sole successor of the Company.

SECTION 13.03. The Company by instrument in writing executed by authority of two-thirds of its Board of Directors and delivered to the Trustee may surrender any of the powers reserved to the Company under this Indenture and thereupon such power so surrendered shall terminate both as to the Company and as to any successor corporation.

SECTION 13.04. Except as otherwise expressly provided herein any notice or demand which by any provision of this Indenture is required or permitted to be given or served by the Trustee or by the holders of Securities to or on the Company may be given or served by being deposited first class postage prepaid in a post office letter box addressed (until another address is filed in writing by the Company with the Trustee), as follows: Kentucky Power Company, 1701 Central Avenue, Ashland, Kentucky 41101, with a copy to the Company in care of American Electric Power Service Corporation, 1 Riverside Plaza, Columbus, Ohio 43215, Attention: Treasurer. Any notice, election, request or demand by the Company or any Securityholder to or upon the Trustee shall be deemed to have been sufficiently given or made, for all purposes, if given or made in writing at the Corporate Trust Office of the Trustee.

SECTION 13.05. This Indenture and each Security shall be deemed to be a contract made under the laws of the State of New York, and for all purposes shall be construed in accordance with the laws of said State.

SECTION 13.06. (a) Upon any application or demand by the Company to the Trustee to take any action under any of the provisions of this Indenture, the Company shall furnish to the Trustee an Officers' Certificate stating that all conditions precedent provided for in this Indenture relating to the proposed action have been complied with and an Opinion of Counsel stating that in the opinion of such counsel all such conditions precedent have been complied with, except that in the case of any such application or demand as to which the furnishing of such documents is specifically required by any provision of this Indenture relating to such particular application or demand, no additional certificate or opinion need be furnished.

(b) Each certificate or opinion provided for in this Indenture and delivered to the Trustee with respect to compliance with a condition or covenant in this Indenture (other than the certificate provided pursuant to Section 5.03(d) of this Indenture) shall include (1) a statement that the person making such certificate or opinion has read such covenant or condition; (2) a brief statement as to the nature and scope of the examination or investigation upon which the statements or opinions contained in such certificate or opinion are based; (3) a statement that, in the opinion of such person, he or she has made such examination or investigation as is necessary to enable him or her to express an informed opinion as to whether or not such covenant or condition has been complied with; and (4) a statement as to whether or not, in the opinion of such person, such condition or covenant has been complied with.

SECTION 13.07. Except as provided pursuant to Section 2.01 pursuant to a Company Order, or established in one or more indentures supplemental to this Indenture, in any case where the date of maturity of principal or an Interest Payment Date of any Security or the date of redemption, purchase or repayment of any Security shall not be a Business Day then payment of interest or principal (and premium, if any) may be made on the next succeeding Business Day with the same force and effect as if made on the nominal date of maturity or redemption, and no interest shall accrue for the period after such nominal date.

SECTION 13.08. If and to the extent that any provision of this Indenture limits, qualifies or conflicts with the duties imposed by the Trust Indenture Act, such imposed duties shall control.

SECTION 13.09. This Indenture may be executed in any number of counterparts, each of which shall be an original; but such counterparts shall together constitute but one and the same instrument.

SECTION 13.10. In case any one or more of the provisions contained in this Indenture or in the Securities of any series shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions of this Indenture or of such Securities, but this Indenture and such Securities shall be construed as if such invalid or illegal or unenforceable provision had never been contained herein or therein.

SECTION 13.11. The Company will have the right at all times to assign any of its rights or obligations under the Indenture to a direct or indirect wholly owned subsidiary of the Company; provided that, in the event of any such assignment, the Company will remain liable for all such obligations. Subject to the foregoing, this Indenture is binding upon and inures to the benefit of the parties thereto and their respective successors and assigns. This Indenture may not otherwise be assigned by the parties thereto.


SECTION 13.12. The Article and Section Headings in this Indenture and the Table of Contents are for convenience only and shall not affect the construction hereof.

SECTION 13.13. Whenever this Indenture provides for any action by, or the determination of any rights of, holders of Securities of any series in which not all of such Securities are denominated in the same currency, in the absence of any provision to the contrary in the form of Security of any particular series, any amount in respect of any Security denominated in a currency other than Dollars shall be treated for any such action or determination of rights as that amount of Dollars that could be obtained for such amount on such reasonable basis of exchange and as of the record date with respect to Securities of such series (if any) for such action or determination of rights (or, if there shall be no applicable record date, such other date reasonably proximate to the date of such action or determination of rights) as the Company may specify in a written notice to the Trustee or, in the absence of such written notice, as the Trustee may determine.

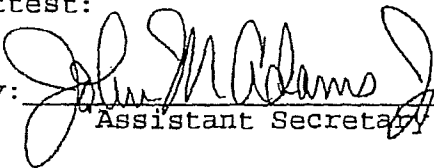
Bankers Trust Company, as Trustee, hereby accepts the trusts in this Indenture declared and provided, upon the terms and conditions hereinabove set forth.

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed, and their respective corporate seals to be hereunto affixed and attested, all as of the day and year first above written.

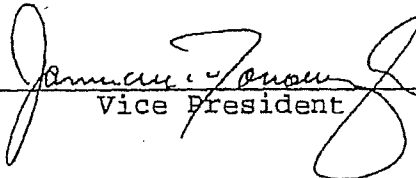
KENTUCKY POWER COMPANY

By: 
Treasurer

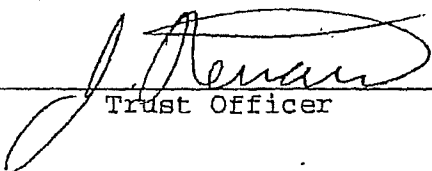
Attest:

By: 
Assistant Secretary

BANKERS TRUST COMPANY,
as Trustee

By: 
Vice President

Attest:

By: 
Trust Officer

State of Ohio }
County of Franklin } ss:

On this 23rd day of September, 1997, personally appeared before me, a Notary Public within and for said County in the State aforesaid, Armando A. Peña and John M. Adams, Jr., to me known and known to me to be respectively the Treasurer and an Assistant Secretary of KENTUCKY POWER COMPANY, one of the corporations named in and which executed the foregoing instrument, who severally acknowledged that they did sign and seal said instrument as such Treasurer and Assistant Secretary for and on behalf of said corporation and that the same is their free act and deed as such Treasurer and Assistant Secretary, respectively, and the free and corporate act and deed of said corporation.

In Witness Whereof, I have hereunto set my hand and notarial seal this 23rd day of September, 1997.

[Notarial Seal]

Manuel M. Salter

Notary Public, State of Ohio
My Commission Expires: 7-12-99

State of New York }
County of New York } ss:

Be it remembered, that on this 24th day of September, 1997, personally appeared before me the undersigned, a Notary Public within and for said County and State, Bankers Trust Company, one of the corporations named in and which executed the foregoing instrument, by James McDonough one of its Vice Presidents, and by Jason Therault, one of its Trust Officers, to me known and known by me to be such Vice President and Trust Officer, respectively, who severally duly acknowledged the signing and sealing of the foregoing instrument to be their free act and voluntary deed, and the free act and voluntary deed of each of them as such Vice President and Trust Officer, respectively, and the free act and voluntary deed of said corporation, for the uses and purposes therein expressed and mentioned.

In Witness Whereof, I have hereunto set my hand and notarial seal this 24th day of September, 1997.

[Notarial Seal]

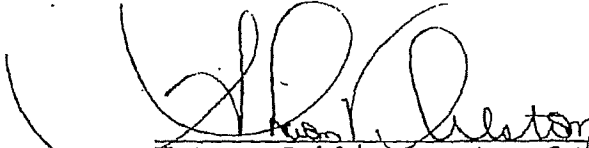

Notary Public, State of New York
My Commission Expires: 5-7-99
SHARON V. ALSTON
Notary Public, State of New York
No. 31-4966275
Qualified in New York County
Commission Expires _____

EXHIBIT B

September 11, 2007

Company Order and Officers' Certificate
6.0% Senior Notes, Series E, due 2017

Deutsche Bank Trust Company Americas, as Trustee
25 Deforest Avenue
Summit, NJ 07901

Ladies and Gentlemen:

Pursuant to Article Two of the Indenture, dated as of September 1, 1997 (as it may be amended or supplemented, the "Indenture"), from Kentucky Power Company (the "Company") to Deutsche Bank Trust Company Americas, as trustee (the "Trustee"), and the Board Resolutions dated February 28, 2006, a copy of which certified by the Secretary or an Assistant Secretary of the Company is being delivered herewith under Section 2.01 of the Indenture,

1. You are hereby requested to authenticate \$325,000,000 aggregate principal amount of 6.0% Senior Notes, Series E, due 2017, executed by the Company and delivered to you concurrently with this Company Order and Officers' Certificate, in the manner provided by the Indenture.
2. You are hereby requested to hold the Notes as custodian for DTC in accordance with the Blanket Issuer Letter of Representations dated June 24, 2004, from the Company to DTC.
3. Concurrently with this Company Order and Officers' Certificate, an Opinion of Counsel under Sections 2.04 and 13.06 of the Indenture is being delivered to you.
4. The undersigned Stephan T. Haynes and Thomas G. Berkemeyer, the Assistant Treasurer and Assistant Secretary, respectively, of the Company do hereby certify that:
 - (i) we have read the relevant portions of the Indenture, including without limitation the conditions precedent provided for therein relating to the action proposed to be taken by the Trustee as requested in this Company Order and Officers' Certificate, and the definitions in the Indenture relating thereto;
 - (ii) we have read the Board Resolutions of the Company and the Opinion of Counsel referred to above;
 - (iii) we have conferred with other officers of the Company, have examined such records of the Company and have made such other investigation as we deemed relevant for purposes of this certificate;
 - (iv) in our opinion, we have made such examination or investigation as is necessary to enable us to express an informed opinion as to whether or not such conditions have been complied with; and

- (v) on the basis of the foregoing, we are of the opinion that all conditions precedent provided for in the Indenture relating to the action proposed to be taken by the Trustee as requested herein have been complied with.

Kindly acknowledge receipt of this Company Order and Officers' Certificate, including the documents listed herein, and confirm the arrangements set forth herein by signing and returning the copy of this document attached hereto.

IN WITNESS WHEREOF, the Company has caused this Company Order and Officer's Certificate to be duly executed and delivered.

Very truly yours,

KENTUCKY POWER COMPANY

By: Stephan T. Hayes
Assistant Treasurer

And: [Signature]
Assistant Secretary

Acknowledged by Trustee:

DEUTSCHE BANK TRUST COMPANY
AMERICAS, as Trustee

By: DEUTSCHE BANK NATIONAL TRUST
COMPANY

By: [Signature]
Authorized Signatory

EXHIBIT C

KENTUCKY POWER COMPANY
TO
DEUTSCHE BANK TRUST COMPANY AMERICAS
(formerly Bankers Trust Company)
AS TRUSTEE

FIRST SUPPLEMENTAL INDENTURE
DATED AS OF SEPTEMBER 1, 2007

\$325,000,000
6.0% SENIOR NOTES, SERIES E, DUE 2017

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* This Table of Contents does not constitute part of the Indenture or have any bearing upon the interpretation of any of its terms and provisions.

THIS FIRST SUPPLEMENTAL INDENTURE is made as of the 1st day of September, 2007, between KENTUCKY POWER COMPANY, a corporation duly organized and existing under the laws of the Commonwealth of Kentucky (herein called the "Company"), having its principal office at 1 Riverside Plaza, Columbus, Ohio 43215 and Deutsche Bank Trust Company Americas (formerly Bankers Trust Company), a banking corporation, duly organized and existing under the laws of the State of New York, having its principal corporate trust office at 60 Wall Street, New York, New York 10005, as Trustee (herein called the "Trustee").

W I T N E S S E T H:

WHEREAS, the Company has heretofore entered into an Indenture, dated as of September 1, 1997 (the "Original Indenture"), with the Trustee;

WHEREAS, the Original Indenture is incorporated herein by this reference and the Original Indenture, as supplemented by this First Supplemental Indenture, dated as of the date hereof, is herein called the "Indenture";

WHEREAS, under the Original Indenture, a new series of unsecured notes (the "Senior Notes") may at any time be established by the Board of Directors of the Company in accordance with the provisions of the Original Indenture and the terms of such series may be described by a supplemental indenture executed by the Company and the Trustee;

WHEREAS, the Company proposes to create under the Indenture a series of Senior Notes to be designated the "6.0% Senior Notes, Series E, due 2017" (the "Series E Notes"), the form and substance of the Series E Notes and the terms, provisions and conditions thereof to be set forth as provided in the Original Indenture and this First Supplemental Indenture;

WHEREAS, additional Senior Notes of other series hereafter established, except as may be limited in the Original Indenture as at the time supplemented and modified, may be issued from time to time pursuant to the Indenture as at the time supplemented and modified; and

WHEREAS, all conditions necessary to authorize the execution and delivery of this First Supplemental Indenture and to make it a valid and binding obligation of the Company have been done or performed.

NOW, THEREFORE, in consideration of the agreements and obligations set forth herein and for other good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties hereto hereby agree as follows:

ARTICLE I

Additional Definitions

SECTION 1.01. Definitions

The following defined terms used herein shall, unless the context otherwise requires, have the meanings specified below. Capitalized terms used herein for which no definition is provided herein shall have the meanings set forth in the Original Indenture.

“Certificated Securities” has the meaning set forth in Section 2.06(c).

“Clearstream” means Clearstream Banking, société anonyme, or any successor securities clearing agency.

“Distribution Compliance Period,” with respect to the Series E Notes, means the period of 40 consecutive days beginning on and including the later of (i) the day on which such Series E Notes are first offered to Persons other than distributors (as defined in Regulation S under the Securities Act) in reliance on Regulation S and (ii) the Original Issue Date.

“DTC” means The Depository Trust Company, the initial Clearing Agency.

“Euroclear” means Euroclear Bank S.A./N.V., as operator of the Euroclear System or any successor securities clearing agency.

“Exchange Act” means the Securities Exchange Act of 1934, as amended.

“Global Securities” means global certificates representing the Series E Notes as described in Section 2.06.

“Holder” means a registered holder of a Series E Note.

“Original Issue Date” means September 11, 2007.

“Owner” means each Person who is the beneficial owner of a Global Security as reflected in the records of the Depository (as defined in the Indenture) or, if a Depository participant is not the Owner, then as reflected in the records of a Person maintaining an account with such Depository (directly or indirectly, in accordance with the rules of such Depository).

“Permanent Regulation S Global Security” has the meaning set forth in Section 2.06(b).

“QIBs” means qualified institutional buyers as defined in Rule 144A.

“Regulation S” means Regulation S under the Securities Act and any successor regulation thereto.

“Rule 144” means Rule 144 under the Securities Act, as such rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Securities and Exchange Commission.

“Rule 144A” means Rule 144A under the Securities Act, as such rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Securities and Exchange Commission.

“Rule 144A Global Security” has the meaning set forth in Section 2.06(b).

“Securities Act” means the Securities Act of 1933, as amended from time to time, or any successor legislation.

“Securities Custodian” means the custodian with respect to a Global Security (as appointed by the Depository), or any successor Person thereto and shall initially be the Trustee.

“Stated Maturity” means September 15, 2017.

“Temporary Regulation S Global Security” has the meaning set forth in Section 2.06(b).

ARTICLE II

Series E Notes

SECTION 2.01. Establishment. The Series E Notes shall be designated as the Company’s “6.0% Senior Notes, Series E, due 2017.”

SECTION 2.02. Aggregate Principal Amount. The Trustee shall authenticate and deliver Series E Notes for original issue on the Original Issue Date in the aggregate principal amount of \$325,000,000 upon a Company Order for authentication and delivery thereof and satisfaction of Section 2.01 of the Original Indenture. The aggregate principal amount of the Series E Notes shall be initially limited to \$325,000,000 and shall be subject to Periodic Offerings pursuant to Article Two of the Original Indenture. All Series E Notes need not be issued at the same time and such series may be reopened at any time, without the consent of any Holder, for issuances of additional Series E Notes. Any such additional Series E Notes will have the same interest rate, maturity and other terms as those initially issued. The Series E Notes shall be issued in definitive fully registered form.

SECTION 2.03. Maturity and Interest. (i) The Series E Notes shall mature on, and the date on which the principal of the Series E Notes shall be payable (unless earlier redeemed) shall be, September 15, 2017;

(ii) the interest rate at which the Series E Notes shall bear interest shall be 6.0% per annum; interest shall accrue from the date of authentication of the Series E Notes; the Interest Payment Dates on which such interest will be payable shall be March 15 and September 15, and the Regular Record Date for the determination of holders to whom interest is payable on any such Interest Payment Date shall be the March 1 or September 1 preceding the relevant Interest Payment Date; provided that the first Interest Payment Date shall be March 15, 2008 and interest payable on the Stated Maturity or any redemption date shall be paid to the Person to whom principal shall be paid; each payment of interest shall include interest accrued through the day before the Interest Payment Date.

SECTION 2.04. Optional Redemption. The Series E Notes shall be redeemable at the option of the Company, in whole at any time or in part from time to time, upon not less than thirty but not more than sixty days’ previous notice given by mail to the registered owners of the Series E Notes at a redemption price equal to the greater of (i) 100% of the principal amount of the Series E Notes being redeemed and (ii) the sum of the present values of the remaining scheduled payments of principal and interest on the Series E Notes being redeemed (excluding the portion of any such interest accrued to the date of redemption) discounted (for purposes of determining present value) to the redemption date on a semi-annual basis (assuming

a 360-day year consisting of twelve 30-day months) at the Treasury Rate (as defined below) plus 25 basis points, plus accrued interest thereon to the date of redemption.

“Treasury Rate” means, with respect to any redemption date, the rate per year equal to the semi-annual equivalent yield to maturity of the Comparable Treasury Issue, assuming a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for such redemption date.

“Comparable Treasury Issue” means the United States Treasury security selected by an Independent Investment Banker as having a maturity comparable to the remaining term of the Series E Notes that would be utilized, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining term of the Series E Notes.

“Comparable Treasury Price” means, with respect to any redemption date, (i) the average of Reference Treasury Dealer Quotations for such redemption date, after excluding the highest and lowest such Reference Treasury Dealer Quotations, or (ii) if we obtain fewer than four such Reference Treasury Dealer Quotations, the average of all such quotations.

“Independent Investment Banker” means one of the Reference Treasury Dealers appointed by the Company and reasonably acceptable to the Trustee.

“Reference Treasury Dealer” means a primary U.S. government securities dealer selected by the Company and reasonably acceptable to the Trustee.

“Reference Treasury Dealer Quotation” means, with respect to the Reference Treasury Dealer and any redemption date, the average, as determined by the Trustee, of the bid and asked prices for the Comparable Treasury Issue (expressed in each case as a percentage of its principal amount) quoted in writing to the Trustee by such Reference Treasury Dealer at or before 5:00 p.m., New York City time, on the third Business Day preceding such redemption date.

SECTION 2.05. Limitation on Secured Debt. So long as any of the Series E Notes are outstanding, the Company shall not create or suffer to be created or to exist any additional mortgage, pledge, security interest, or other lien (collectively “Liens”) on any utility properties or tangible assets now owned or hereafter acquired to secure any indebtedness for borrowed money (“Secured Debt”), without providing that such Series E Notes will be similarly secured. This restriction does not apply to the Company’s subsidiaries, nor will this restriction prevent any of the Company’s subsidiaries from creating or permitting to exist Liens on their property or assets to secure any Secured Debt. In addition, this restriction does not prevent the creation or existence of:

- Liens on property existing at the time of acquisition or construction of such property (or created within one year after completion of such acquisition or

construction), whether by purchase, merger, construction or otherwise, or to secure the payment of all or any part of the purchase price or construction cost thereof, including the extension of any Liens to repairs, renewals, replacements, substitutions, betterments, additions, extensions and improvements then or thereafter made on the property subject thereto;

- Financing of the Company's accounts receivable for electric service;
- Any extensions, renewals or replacements (or successive extensions, renewals or replacements), in whole or in part, of Liens permitted by the foregoing clauses; and
- The pledge of any bonds or other securities at any time issued under any of the Secured Debt permitted by the above clauses.

In addition to the permitted issuances above, Secured Debt not otherwise so permitted may be issued in an amount that does not exceed 15% of Net Tangible Assets as defined below.

"Net Tangible Assets" means the total of all assets (including revaluations thereof as a result of commercial appraisals, price level restatement or otherwise) appearing on the Company's balance sheet, net of applicable reserves and deductions, but excluding goodwill, trade names, trademarks, patents, unamortized debt discount, and all other like intangible assets (which term shall not be construed to include such revaluations), less the aggregate of the Company's current liabilities appearing on such balance sheet. For purposes of this definition, the Company's balance sheet does not include assets and liabilities of its subsidiaries.

This restriction also will not apply to or prevent the creation or existence of leases made, or existing on property acquired, in the ordinary course of business.

SECTION 2.06. Global Securities and Certificated Securities.

(a) General. The Series E Notes will be resold initially only to (i) QIBs in reliance on Rule 144A under the Securities Act ("Rule 144A") and (ii) Persons other than U.S. Persons (as defined in Regulation S) in reliance on Regulation S. Series E Notes may thereafter be transferred to, among others, QIBs and purchasers in reliance on Regulation S, subject to the restrictions on transfer set forth herein.

(b) Global Securities.

(i) Form. Series E Notes initially resold pursuant to Rule 144A shall be issued initially in the form of one or more permanent Global Securities in definitive, fully registered form (collectively, the "Rule 144A Global Security") and Series E Notes initially resold pursuant to Regulation S and shall be issued initially in the form of one or more temporary global securities in definitive, fully registered form (collectively, the "Temporary Regulation S Global Security"), in each case without interest coupons and with the global securities legend and restricted securities legend set forth in Exhibit A hereto, which shall be deposited on behalf of the purchasers of the Series E Notes represented thereby with the

Securities Custodian, and registered in the name of the Depository or a nominee of the Depository, duly executed by the Company and authenticated by the Trustee as provided in the Indenture. Except as set forth in this Section 2.06, beneficial ownership interests in the Temporary Regulation S Global Security (x) will not be exchangeable for interests in the Rule 144A Global Security, the permanent global security (the "Permanent Regulation S Global Security"), or any other security without a legend containing restrictions on transfer of such security prior to the expiration of the Distribution Compliance Period and (y) then may be exchanged for interests in a Rule 144A Global Security or the Permanent Regulation S Global Security only upon certification that beneficial ownership interests in such Temporary Regulation S Global Security are owned either by non-U.S. persons or U.S. persons who purchased such interests in a transaction that did not require registration under the Securities Act.

The Rule 144A Global Security, the Temporary Regulation S Global Security and the Permanent Regulation S Global Security are collectively referred to herein as "Global Securities". The aggregate principal amount of the Global Securities may from time to time be increased or decreased by adjustments made on the records of the Trustee and the Depository or its nominee as hereinafter provided.

(ii) Book-Entry Provisions. This Section shall apply only to a Global Security deposited with or on behalf of the Depository. The Company shall execute and the Trustee shall, in accordance with this Section 2.06(b)(ii), authenticate and deliver initially one or more Global Securities that (a) shall be registered in the name of the Depository for such Global Security or Global Securities or the nominee of such Depository and (b) shall be delivered by the Trustee to such Depository or pursuant to such Depository's instructions or held by the Trustee as custodian for the Depository.

Members of, or participants in, the Depository ("Agent Members") shall have no rights under this Indenture with respect to any Global Security held on their behalf by the Depository or by the Trustee as the custodian of the Depository or under such Global Security, and the Company, the Trustee and any agent of the Company or the Trustee shall be entitled to treat the Depository as the absolute owner of such Global Security for all purposes whatsoever. Notwithstanding the foregoing, nothing herein shall prevent the Company, the Trustee or any agent of the Company or the Trustee from giving effect to any written certification, proxy or other authorization furnished by the Depository or impair, as between the Depository and its Agent Members, the operation of customary practices of such Depository governing the exercise of the rights of a holder of a beneficial interest in any Global Security.

To the extent a notice or other communication to the beneficial owners of the Series E Notes is required under the Indenture, unless and until Certificated Securities shall have been issued to such owners, the Trustee shall give all such notices and communications specified herein to be given to such owners to the Depository, and shall have no obligations to such Owners.

(c) Certificated Securities. Except as provided in this Section 2.06, owners of beneficial interests in Global Securities shall not be entitled to receive physical delivery of Certificated Securities (as defined below).

Global Securities shall be exchangeable for fully registered, certificated Series E Notes ("Certificated Securities") if (i) the Depository (x) notifies the Company that it is unwilling or unable to continue as Depository for the Global Securities or (y) shall no longer be registered or in good standing under the Exchange Act, or other applicable statute or regulation, and a successor Depository for the Global Securities is not appointed by the Company within 90 days after the Company receives such notice or becomes aware of such condition. Upon surrender to the Trustee of the typewritten certificate or certificates representing the Global Securities by the Depository, accompanied by registration instructions, the Trustee shall execute and authenticate the certificates in accordance with the instructions of the Depository. Neither the Security Registrar nor the Trustee shall be liable for any delay in delivery of such instructions and may conclusively rely on, and shall be protected in relying on, such instructions. Upon the issuance of Certificated Securities, the Trustee shall recognize the Holders of the Certificated Securities as Holders. The Certificated Securities shall be printed, lithographed or engraved or may be produced in any other manner as is reasonably acceptable to the Company, as evidenced by the execution thereof by the Company, and shall bear the legend set forth on Exhibit A hereto unless the Company informs the Trustee that such legend is no longer required.

SECTION 2.07. Form of Securities. The Global Securities and Certificated Securities shall be substantially in the form attached as Exhibit A thereto.

SECTION 2.08. Transfer and Exchange.

(a) General. The Series E Notes may not be transferred except in compliance with the legend contained in Exhibit A unless otherwise determined by the Company in accordance with applicable law. No service charge will be made for any transfer or exchange of Series E Notes, but payment will be required of a sum sufficient to cover any tax or other governmental charge that may be imposed in connection therewith.

(b) Transfer and Exchange of Global Securities.

(i) If a holder of a beneficial interest in the Rule 144A Global Security wishes at any time to exchange its interest in the Rule 144A Global Security for an interest in the Permanent Regulation S Global Security, or to transfer its interest in the Rule 144A Global Security to a person who wishes to take delivery thereof in the form of an interest in the Permanent Regulation S Global Security, such holder may, subject to the rules and procedures of the Depository and to the requirements set forth in the following sentence, exchange or cause the exchange or transfer or cause the transfer of such interest for an equivalent beneficial interest in the Permanent Regulation S Global Security. Upon receipt by the Trustee, as transfer agent, of (1) instructions given in accordance with the Depository's procedures from or on behalf of a holder of a beneficial interest in the Rule 144A Global Security, directing the Trustee, as transfer agent, to credit or cause to be credited a beneficial interest in the Permanent Regulation S Global

Security in an amount equal to the beneficial interest in the Rule 144A Global Security to be exchanged or transferred, (2) a written order given in accordance with the Depository's procedures containing information regarding the Euroclear or Clearstream account to be credited with such increase and the name of such account, and (3) a certificate in the form of Exhibit B hereto given by the holder of such beneficial interest stating that the exchange or transfer of such interest has been made pursuant to and in accordance with Rule 903 or Rule 904 of Regulation S under the Securities Act, the Trustee, as transfer agent, shall promptly deliver appropriate instructions to the Depository, its nominee, or the custodian for the Depository, as the case may be, to reduce or reflect on its records a reduction of the Rule 144A Global Security by the aggregate principal amount of the beneficial interest in such Rule 144A Global Security to be so exchanged or transferred from the relevant participant, and the Trustee, as transfer agent, shall promptly deliver appropriate instructions to the Depository, its nominee, or the custodian for the Depository, as the case may be, concurrently with such reduction, to increase or reflect on its records an increase of the principal amount of such Permanent Regulation S Global Security by the aggregate principal amount of the beneficial interest in such Rule 144A Global Security to be so exchanged or transferred, and to credit or cause to be credited to the account of the person specified in such instructions (who may be Euroclear or Clearstream or another agent member of Euroclear or Clearstream or both, as the case may be, acting for and on behalf of them) a beneficial interest in such Permanent Regulation S Global Security equal to the reduction in the principal amount of such Rule 144A Global Security.

(ii) If a holder of a beneficial interest in the Permanent Regulation S Global Security wishes at any time to exchange its interest in the Permanent Regulation S Global Security for an interest in the Rule 144A Global Security, or to transfer its interest in the Permanent Regulation S Global Security to a person who wishes to take delivery thereof in the form of an interest in the Rule 144A Global Security, such holder may, subject to the rules and procedures of Euroclear or Clearstream and the Depository, as the case may be, and to the requirements set forth in the following sentence, exchange or cause the exchange or transfer or cause the transfer of such interest for an equivalent beneficial interest in such Rule 144A Global Security. Upon receipt by the Trustee, as transfer agent, of (1) instructions given in accordance with the procedures of Euroclear or Clearstream and the Depository, as the case may be, from or on behalf of a beneficial owner of an interest in the Permanent Regulation S Global Security directing the Trustee, as transfer agent, to credit or cause to be credited a beneficial interest in the Rule 144A Global Security in an amount equal to the beneficial interest in the Permanent Regulation S Global Security to be exchanged or transferred, (2) a written order given in accordance with the procedures of Euroclear or Clearstream and the Depository, as the case may be, containing information regarding the account with the Depository to be credited with such increase and the name of such account, and (3) prior to the expiration of the Distribution Compliance Period, a certificate in the form of Exhibit B hereto given by the holder of such beneficial interest and stating that the person transferring such interest in such

Permanent Regulation S Global Security reasonably believes that the person acquiring such interest in the Rule 144A Global Security is a QIB and is obtaining such beneficial interest for its own account or the account of a QIB in a transaction meeting the requirements of Rule 144A and any applicable securities laws of any state of the United States or any other jurisdiction, the Trustee, as transfer agent, shall promptly deliver appropriate instructions to the Depository, its nominee, or the custodian for the Depository, as the case may be, to reduce or reflect on its records a reduction of the Permanent Regulation S Global Security by the aggregate principal amount of the beneficial interest in such Permanent Regulation S Global Security to be exchanged or transferred, and the Trustee, as transfer agent, shall promptly deliver appropriate instructions to the Depository, its nominee, or the custodian for the Depository, as the case may be, concurrently with such reduction, to increase or reflect on its records an increase of the principal amount of the Rule 144A Global Security by the aggregate principal amount of the beneficial interest in the Permanent Regulation S Global Security to be so exchanged or transferred, and to credit or cause to be credited to the account of the person specified in such instructions a beneficial interest in the Rule 144A Global Security equal to the reduction in the principal amount of the Permanent Regulation S Global Security. After the expiration of the Distribution Compliance Period, the certification requirement set forth in clause (3) of the second sentence of this Section 2.08(b)(ii) will no longer apply to such exchanges and transfers.

(iii) Any beneficial interest in one of the Global Securities that is transferred to a person who takes delivery in the form of an interest in the other Global Securities will, upon transfer, cease to be an interest in such Global Security and become an interest in the other Global Securities and, accordingly, will thereafter be subject to all transfer restrictions and other procedures applicable to beneficial interests in such other Global Security Note for as long as it remains such an interest.

(iv) Beneficial interests in Temporary Regulation S Global Securities may be exchanged for interests in Rule 144A Global Securities or Permanent Regulation S Global Securities if (1) such exchange occurs in connection with a transfer of securities in compliance with Rule 144A, and (2) the transferor of the beneficial interest in the Temporary Regulation S Global Security first delivers to the Trustee a written certificate (in a form satisfactory to the Trustee) to the effect that the beneficial interest in the Temporary Regulation S Global Security is being transferred to a Person (a) who the transferor reasonably believes to be a QIB (b) purchasing for its own account or the account of a QIB in a transaction meeting the requirements of Rule 144A, and (c) in accordance with all applicable securities laws of the states of the United States and other jurisdictions.

(v) During the Distribution Compliance Period, beneficial ownership interests in Temporary Regulation S Global Securities may only be sold, pledged or transferred through Euroclear or Clearstream in accordance with the applicable procedures relating to such institutions and only (i) to the Company, (ii) so long

as such security is eligible for resale pursuant to Rule 144A, to a Person whom the selling holder reasonably believes is a QIB that purchases for its own account or for the account of a QIB in a transaction meeting the requirements of Rule 144A, (iii) in an offshore transaction in accordance with Regulation S (other than a transaction resulting in an exchange for interest in a Permanent Regulation S Global Security), (iv) pursuant to an exemption from registration under the Securities Act provided by Rule 144 (if applicable) under the Securities Act or (v) pursuant to an effective registration statement under the Securities Act, in each case in accordance with any applicable securities laws of any state of the United States.

(c) Transfer and Exchange of Global Securities and Certificated Securities.

(i) In the event that a Global Security is exchanged for a Certificated Security as provided in Section 2.06(c), such Certificated Security may be exchanged or transferred for one another, subject to Section 2.05 of the Original Indenture, only in accordance with such procedures as are substantially consistent with the provisions of clauses (b)(i) and (ii) above (including the certification requirements intended to ensure that such exchanges or transfers comply with Rule 144, Rule 144A or Regulation S, as the case may be) and as may be from time to time reasonably adopted by the Company.

(ii) Upon receipt by the Trustee of a Certificated Security, duly endorsed or accompanied by appropriate instruments of transfer, the Trustee shall cancel such Certificated Security and cause, or direct the Securities Custodian to cause, in accordance with the standing instructions and procedures existing of the Depository and the Securities Custodian, the aggregate principal amount of Series E Notes represented by the Rule 144A Global Security or Permanent Regulation S Global Security, as applicable, to be increased by the aggregate principal amount of the Certificated Security to be exchanged and shall credit or cause to be credited to the account of the Person specified in such instructions a beneficial interest in the Rule 144A Global Security or Permanent Regulation S Global Security, as applicable, equal to the principal amount of the Certificated Security so canceled. If no Rule 144A Global Securities or Permanent Regulation S Global Securities, as applicable, are then outstanding, the Company shall issue and the Trustee shall authenticate, upon written order of the Company in the form of an Officers' Certificate, a new Rule 144A Global Security or Permanent Regulation S Global Security, as applicable, in the appropriate principal amount.

(d) Certificates. In connection with any transfer described in paragraphs (b) and (c) of this Section 2.08, the Trustee shall receive a certificate of transfer in the form attached as Exhibit B hereto.

(e) Transfer Restricted Security. Upon any sale or transfer of a Transfer Restricted Security (including any Transfer Restricted Security represented by a Global Security) pursuant to Rule 144 under the Securities Act or an effective registration

statement under the Securities Act, which shall be certified to the Trustee and Security Registrar upon which each may conclusively rely:

(i) in the case of any Transfer Restricted Security represented by a Certificated Security, the Security Registrar shall permit the Holder thereof to exchange such Transfer Restricted Security for a Certificated Security that does not bear the legend set forth in Exhibit A hereto and rescind any restriction on the transfer of such Transfer Restricted Security; and

(ii) in the case of any Transfer Restricted Security represented by a Global Security, such Transfer Restricted Security shall not be required to bear the legend set forth in Exhibit A hereto if all other interests in such Global Note have been or are concurrently being sold or transferred pursuant to Rule 144 under the Securities Act or pursuant to an effective registration statement under the Securities Act.

ARTICLE III

Miscellaneous Provisions

SECTION 3.01. Recitals by Company. The recitals in this First Supplemental Indenture are made by the Company only and not by the Trustee, and all of the provisions contained in the Original Indenture in respect of the rights, privileges, immunities, powers and duties of the Trustee shall be applicable in respect of Series E Notes and of this First Supplemental Indenture as fully and with like effect as if set forth herein in full.

SECTION 3.02. Ratification and Incorporation of Original Indenture. As supplemented hereby, the Original Indenture is in all respects ratified and confirmed, and the Original Indenture and this First Supplemental Indenture shall be read, taken and construed as one and the same instrument.

SECTION 3.03. Executed in Counterparts. This First Supplemental Indenture may be simultaneously executed in several counterparts, each of which shall be deemed to be an original, and such counterparts shall together constitute but one and the same instrument.

SECTION 3.04. Legends. Except as determined by the Company in accordance with applicable law, each Series E Note shall bear the applicable legends relating to restrictions on transfer pursuant to the securities laws in substantially the form set forth on Exhibit A hereto.

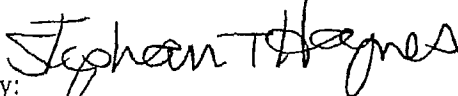
SECTION 3.05. Covenant to Provide Additional Information. The Series E Notes provide that, while the Series E Notes are outstanding, if the Company is not filing periodic reports with the SEC pursuant to Sections 13 or 15(d) of the 1934 Act, it will post on its website (www.aep.com) audited annual and unaudited quarterly financial statements, at such times as would be required for the financial statements filed with the SEC. If the Company is unable, for any reason, to post the financial statements on the Company's website, the Company shall furnish the financial statements to the Trustee, who, at the Company's expense, will furnish such financial statements by mail to the holders of the Series E Notes. In addition, the Company shall also furnish to any holder of the Series E Notes, upon request of the holder, or any

prospective purchaser of Series E Notes designated by any such holder, upon such prospective purchaser's request to the Company or the holder, copies of such financial statements and any other information required to be delivered pursuant to Rule 144A(d)(4) under the Securities Act for compliance with Rule 144A.


SECTION 3.06. Governing Law. This Supplemental Indenture and the Series E Notes shall be deemed to be a contract made under the laws of the State of New York, and for all purposes shall be construed in accordance with the laws of said State.

IN WITNESS WHEREOF, each party hereto has caused this instrument to be signed in its name and behalf by its duly authorized signatories, all as of the day and year first above written.

KENTUCKY POWER COMPANY

By: 
Name: **Stephan T. Haynes**
Title: **Assistant Treasurer**

Attest:

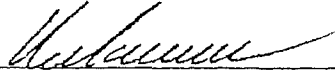

Name: **T. Berke Meyer**
Title: **Ass't Secretary**

DEUTSCHE BANK TRUST COMPANY
AMERICAS

BY: DEUTSCHE BANK NATIONAL
TRUST COMPANY

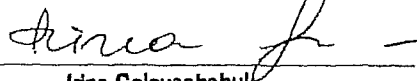
By: 
Name: **David Contino**
Title: **Assistant Vice President**

Attest:


Name: **Yana Kalachikova**
Title: **Assistant Vice President**

DEUTSCHE BANK TRUST COMPANY
AMERICAS

BY: DEUTSCHE BANK NATIONAL
TRUST COMPANY

By: 
Name: **Irina Golovashchuk**
Title: **Assistant Vice President**

Attest:

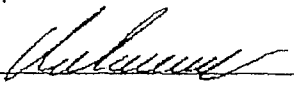

Name: **Yana Kalachikova**
Title: **Assistant Vice President**

EXHIBIT A

FORM OF SERIES E NOTE

[Rule 144A Global Security]
[Regulation S Global Security]

[FORM OF FACE OF INITIAL SECURITY]

[Global Securities Legend]

UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY, A NEW YORK CORPORATION, TO THE COMPANY OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY CERTIFICATE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY (AND ANY PAYMENT IS MADE TO CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL SINCE THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.

TRANSFERS OF THIS GLOBAL SECURITY SHALL BE LIMITED TO TRANSFERS IN WHOLE, BUT NOT IN PART, TO NOMINEES OF DTC OR TO A SUCCESSOR THEREOF OR SUCH SUCCESSOR'S NOMINEE AND TRANSFERS OR PORTIONS OF THIS GLOBAL SECURITY SHALL BE LIMITED TO TRANSFERS MADE IN ACCORDANCE WITH THE RESTRICTIONS SET FORTH IN THE INDENTURE REFERRED TO ON THE REVERSE HEREOF.

[FOR REGULATION S GLOBAL NOTE ONLY] PRIOR TO THE EXPIRATION OF THE '40-DAY DISTRIBUTION COMPLIANCE PERIOD' (AS DEFINED IN REGULATION S UNDER THE SECURITIES ACT), THIS SECURITY MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED WITHIN THE UNITED STATES WITHIN THE MEANING OF REGULATION S UNDER THE SECURITIES ACT, EXCEPT TO A PERSON REASONABLY BELIEVED TO BE A QUALIFIED INSTITUTIONAL BUYER (AS DEFINED IN RULE 144A) IN A TRANSACTION MEETING THE REQUIREMENTS OF RULE 144A AND THE INDENTURE OR OTHERWISE IN ACCORDANCE WITH REGULATION S UNDER THE SECURITIES ACT.

[Restricted Securities Legend]

THIS SECURITY HAS NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"). THE HOLDER HEREOF, BY PURCHASING THIS SECURITY, AGREES FOR THE BENEFIT OF THE COMPANY THAT THIS SECURITY MAY NOT BE RESOLD, PLEDGED OR OTHERWISE

TRANSFERRED OTHER THAN (A)(1) TO THE COMPANY, (2) IN A TRANSACTION ENTITLED TO AN EXEMPTION FROM REGISTRATION PROVIDED BY RULE 144 UNDER THE SECURITIES ACT, (3) SO LONG AS THIS SECURITY IS ELIGIBLE FOR RESALE PURSUANT TO RULE 144A UNDER THE SECURITIES ACT ("RULE 144A"), TO A PERSON WHOM THE SELLER REASONABLY BELIEVES IS A QUALIFIED INSTITUTIONAL BUYER WITHIN THE MEANING OF RULE 144A PURCHASING FOR ITS OWN ACCOUNT OR FOR THE ACCOUNT OF A QUALIFIED INSTITUTIONAL BUYER TO WHOM NOTICE IS GIVEN THAT THE RESALE, PLEDGE OR OTHER TRANSFER IS BEING MADE IN RELIANCE ON RULE 144A, (4) OUTSIDE THE UNITED STATES IN A TRANSACTION MEETING THE REQUIREMENTS OF REGULATION S UNDER THE SECURITIES ACT, (5) IN ACCORDANCE WITH ANOTHER APPLICABLE EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT (AND BASED UPON AN OPINION OF COUNSEL ACCEPTABLE TO THE COMPANY) OR (6) PURSUANT TO A REGISTRATION STATEMENT WHICH HAS BEEN DECLARED EFFECTIVE UNDER THE SECURITIES ACT AND (B) IN EACH CASE IN ACCORDANCE WITH ANY APPLICABLE SECURITIES LAWS OF EACH STATE OF THE UNITED STATES. THE HOLDER HEREOF, BY PURCHASING THIS SECURITY, REPRESENTS AND AGREES FOR THE BENEFIT OF THE COMPANY THAT IT IS (1) A QUALIFIED INSTITUTIONAL BUYER WITHIN THE MEANING OF RULE 144A UNDER THE SECURITIES ACT AND THAT IT IS HOLDING THIS SECURITY FOR INVESTMENT PURPOSES AND NOT FOR DISTRIBUTION OR (2) A NON-U.S. PERSON OUTSIDE THE UNITED STATES WITHIN THE MEANING OF REGULATION S UNDER THE SECURITIES ACT.

[Temporary Regulation S Global Securities Legend]

EXCEPT AS SET FORTH BELOW, BENEFICIAL OWNERSHIP INTEREST IN THIS TEMPORARY REGULATION S GLOBAL SECURITY WILL NOT BE EXCHANGEABLE FOR INTERESTS IN THE PERMANENT REGULATION S GLOBAL SECURITY OR ANY OTHER SECURITY REPRESENTING AN INTEREST IN THE SECURITIES REPRESENTED HEREBY WHICH DO NOT CONTAIN A LEGEND CONTAINING RESTRICTIONS ON TRANSFER, UNTIL THE EXPIRATION OF THE "40-DAY DISTRIBUTION COMPLIANCE PERIOD" (WITHIN THE MEANING OF RULE 903(d)(3) OF REGULATION S UNDER THE SECURITIES ACT) AND THEN ONLY UPON CERTIFICATION IN FORM REASONABLY SATISFACTORY TO THE TRUSTEE THAT SUCH BENEFICIAL INTERESTS ARE OWNED EITHER BY NON-U.S. PERSONS OR U.S. PERSONS WHO PURCHASED SUCH INTERESTS IN A TRANSACTION THAT DID NOT REQUIRE REGISTRATION UNDER THE SECURITIES ACT. DURING SUCH 40-DAY DISTRIBUTION COMPLIANCE PERIOD, BENEFICIAL OWNERSHIP INTEREST IN THIS TEMPORARY REGULATION S GLOBAL SECURITY MAY ONLY BE SOLD, PLEDGED OR TRANSFERRED THROUGH EUROCLEAR BANK S.A./N.A., AS OPERATOR OF THE EUROCLEAR SYSTEM OR CLEARSTREAM BANKING, SOCIÉTÉ ANONYME AND ONLY (I) TO THE COMPANY, (II) IN THE UNITED STATES TO A PERSON WHOM THE SELLER REASONABLY BELIEVES IS A QUALIFIED INSTITUTIONAL BUYER (AS DEFINED IN RULE 144A UNDER THE SECURITIES ACT) IN A TRANSACTION MEETING THE REQUIREMENTS OF RULE 144A, (III) OUTSIDE THE UNITED STATES IN A TRANSACTION IN ACCORDANCE WITH RULE 903 OR 904 UNDER THE

SECURITIES ACT, OR (IV) PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT, IN EACH OF CASE (I) THROUGH (IV) IN ACCORDANCE WITH ANY APPLICABLE SECURITIES LAWS OF ANY STATE OF THE UNITED STATES. HOLDERS OF INTERESTS IN THIS TEMPORARY REGULATION S GLOBAL SECURITY WILL NOTIFY ANY PURCHASER OF THIS SECURITY OF THE RESALE RESTRICTIONS REFERRED TO ABOVE, IF THEN APPLICABLE.

BENEFICIAL INTERESTS IN THIS TEMPORARY REGULATIONS S GLOBAL SECURITY MAY BE EXCHANGED FOR INTEREST IN A RULE 144A GLOBAL SECURITY ONLY IF (1) SUCH EXCHANGE OCCURS IN CONNECTION WITH A TRANSFER OF THE NOTES IN COMPLIANCE WITH RULE 144A, AND (2) THE TRANSFEROR OF THE REGULATIONS S GLOBAL SECURITY FIRST DELIVERS TO THE TRUSTEE A WRITTEN CERTIFICATE (IN THE FORM ATTACHED TO THIS CERTIFICATE) TO THE EFFECT THAT THE REGULATIONS S GLOBAL SECURITY BEING TRANSFERRED TO A PERSON (A) WHO THE TRANSFEROR REASONABLY BELIEVES TO BE A QUALIFIED INSTITUTIONAL BUYER WHEN THE MEANING OF RULE 144A (B) PURCHASING FOR ITS OWN ACCOUNT OR THE ACCOUNT OF A QUALIFIED INSTITUTIONAL BUYER IN A TRANSACTION MEETING THE REQUIREMENTS OF RULE 144A, AND (C) IN ACCORDANCE WITH ALL APPLICABLE SECURITIES LAWS OF THE STATES OF THE UNITED STATES AND OTHER JURISDICTIONS.

BENEFICIAL INTEREST IN A RULE 144A GLOBAL SECURITY MAY BE TRANSFERRED TO A PERSON WHO TAKES DELIVERY IN THE FORM OF AN INTEREST IN THE REGULATIONS S GLOBAL SECURITY, WHETHER BEFORE OR AFTER THE EXPIRATION OF THE 40-DAY DISTRIBUTION COMPLIANCE PERIOD, ONLY IF THE TRANSFEROR FIRST DELIVERS TO THE TRUSTEE A WRITTEN CERTIFICATE (IN THE FORM ATTACHED TO THIS CERTIFICATE) TO THE EFFECT THAT IF SUCH TRANSFER IS BEING MADE IN ACCORDANCE WITH RULE 903 OR 904 OF REGULATIONS S OR RULE 144 (IF AVAILABLE) AND THAT, IF SUCH TRANSFER OCCURS PRIOR TO THE EXPIRATION OF THE 40-DAY DISTRIBUTION COMPLIANCE PERIOD, THE INTEREST TRANSFERRED WILL BE HELD IMMEDIATELY THEREAFTER THROUGH EUROCLEAR BANK S.A./N.A. OR CLEARSTREAM BANKING SOCIÉTÉ ANONYME.

KENTUCKY POWER COMPANY
6.0% Senior Notes, Series E, due 2017

CUSIP: [491386 AM0/144A][U49129AA4/Reg S] Original Issue Date: September 11, 2007

Stated Maturity: September 15, 2017

Interest Rate: 6.0%

Principal Amount: \$325,000,000 (or such other amount as is indicated on Schedule A)

Redeemable:	Yes	X	No
In Whole:	Yes	X	No
In Part:	Yes	X	No

KENTUCKY POWER COMPANY, a corporation duly organized and existing under the laws of the Commonwealth of Kentucky (herein referred to as the "Company", which term includes any successor corporation under the Indenture hereinafter referred to), for value received, hereby promises to pay to [] or registered assigns, the principal sum of [] DOLLARS (\$[] or such other amount as is indicated on Schedule A hereto on the Stated Maturity specified above (or upon earlier redemption); and to pay interest on said Principal Amount from the Original Issue Date specified above or from the most recent interest payment date (each such date, an "Interest Payment Date") to which interest has been paid or duly provided for, semi-annually in arrears on March 15 and September 15 in each year, commencing on March 15, 2008, at the Interest Rate per annum specified above, until the Principal Amount shall have been paid or duly provided for. Interest shall be computed on the basis of a 360-day year of twelve 30-day months.

The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date, as provided in the Indenture, as hereinafter defined, shall be paid to the Person in whose name this Note (or one or more Predecessor Securities) shall have been registered at the close of business on the Regular Record Date with respect to such Interest Payment Date, which shall be the March 1 or September 1 (whether or not a Business Day), as the case may be, immediately preceding such Interest Payment Date, provided that interest payable on the Stated Maturity or any redemption date shall be paid to the Person to whom principal is paid. Any such interest not so punctually paid or duly provided for shall forthwith cease to be payable to the Holder on such Regular Record Date and shall be paid as provided in said Indenture.

If any Interest Payment Date, any redemption date or Stated Maturity is not a Business Day, then payment of the amounts due on this Note on such date will be made on the next succeeding Business Day, and no interest shall accrue on such amounts for the period from and after such Interest Payment Date, redemption date or Stated Maturity, as the case may be, except that, if such Business Day is in the next succeeding calendar year, such payment shall be made on the immediately preceding Business Day, with the same force and effect as if made on such date. The principal of (and premium, if any) and the interest on this Note shall be payable at the office or agency of the Company maintained for that purpose in the Borough of Manhattan, the City of New York, New York, in any coin or currency of the United States of America which at the time of payment is legal tender for payment of public and private debts; provided, however, that payment of interest (other than interest payable on Stated Maturity or

any redemption date) may be made at the option of the Company by check mailed to the registered holder at such address as shall appear in the Security Register.

This Note is one of a duly authorized series of Notes of the Company (herein sometimes referred to as the "Notes"), specified in the Indenture (defined below), all issued or to be issued in one or more series under and pursuant to an Indenture dated as of September 1, 1997 duly executed and delivered between the Company and Bankers Trust Company, now Deutsche Bank Trust Company Americas, a corporation organized and existing under the laws of the State of New York, as Trustee (herein referred to as the "Trustee") (such Indenture, as originally executed and delivered and as thereafter supplemented and amended being hereinafter referred to as the "Indenture"), to which Indenture and all indentures supplemental thereto reference is hereby made for a description of the rights, limitations of rights, obligations, duties and immunities thereunder of the Trustee, the Company and the holders of the Notes. By the terms of the Indenture, the Notes are issuable in series which may vary as to amount, date of maturity, rate of interest and in other respects as in the Indenture provided. This Note is one of the series of Notes designated on the face hereof as 6.0% Senior Notes, Series E, due 2017 initially issued in the aggregate principal amount of \$325,000,000.

This Note may be redeemed by the Company at its option, in whole at any time or in part from time to time, upon not less than thirty but not more than sixty days' previous notice given by mail to the registered owners of the Note at a redemption price equal to the greater of (i) 100% of the principal of the Note being redeemed and (ii) the sum of the present values of the remaining scheduled payments of principal and interest on the Note being redeemed (excluding the portion of any such interest accrued to the date of redemption) discounted (for purposes of determining present value) to the redemption date on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate (as defined below) plus 25 basis points, plus, in each case, accrued interest thereon to the date of redemption.

"Treasury Rate" means, with respect to any redemption date, the rate per annum equal to the semi-annual equivalent yield to maturity of the Comparable Treasury Issue, assuming a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for such redemption date.

"Comparable Treasury Issue" means the United States Treasury security selected by an Independent Investment Banker as having a maturity comparable to the remaining term of the Notes that would be utilized, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining term of the Notes.

"Comparable Treasury Price" means, with respect to any redemption date, (i) the average of Reference Treasury Dealer Quotations for such redemption date, after excluding the highest and lowest such Reference Treasury Dealer Quotations, or (ii) if we obtain fewer than four such Reference Treasury Dealer Quotations, the average of all such quotations.

“Independent Investment Banker” means one of the Reference Treasury Dealers appointed by the Company and reasonably acceptable to the Trustee.

“Reference Treasury Dealer” means a primary U.S. government securities dealer selected by the Company and reasonably acceptable to the Trustee.

“Reference Treasury Dealer Quotation” means, with respect to the Reference Treasury Dealer and any redemption date, the average, as determined by the Trustee, of the bid and asked prices for the Comparable Treasury Issue (expressed in each case as a percentage of its principal amount) quoted in writing to the Trustee by such Reference Treasury Dealer at or before 5:00 p.m., New York City time, on the third Business Day preceding such redemption date.

The Company shall not be required to (i) issue, exchange or register the transfer of any Notes during a period beginning at the opening of business 15 days before the day of the mailing of a notice of redemption of less than all the outstanding Notes of the same series and ending at the close of business on the day of such mailing, nor (ii) register the transfer of or exchange of any Notes of any series or portions thereof called for redemption. This Global Note is exchangeable for Notes in definitive registered form only under certain limited circumstances set forth in the Indenture.

In the event of redemption of this Note in part only, a new Note or Notes of this series, of like tenor, for the unredeemed portion hereof will be issued in the name of the Holder hereof upon the surrender of this Note.

In case an Event of Default, as defined in the Indenture, shall have occurred and be continuing, the principal of all of the Notes may be declared, and upon such declaration shall become due and payable, in the manner, with the effect and subject to the conditions provided in the Indenture.

The Indenture contains provisions for defeasance at any time of the entire indebtedness of this Note upon compliance by the Company with certain conditions set forth therein. This Note will not have a sinking fund.

As described in the supplemental indenture relating to the Notes, so long as the Notes are outstanding, the Company is subject to a limitation on issuance of Secured Debt as described therein and the Company is required to make certain financial information available as described therein and furnish other information as described therein.

The Indenture contains provisions permitting the Company and the Trustee, with the consent of the Holders of not less than a majority in aggregate principal amount of the Notes of each series affected at the time outstanding, as defined in the Indenture, to execute supplemental indentures for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of the Indenture or of any supplemental indenture or of modifying in any manner the rights of the Holders of the Notes; provided, however, that no such supplemental indenture shall (i) extend the fixed maturity of any Notes of any series, or reduce the principal amount thereof, or reduce the rate or extend the time of payment of interest thereon, or reduce any premium payable upon the redemption thereof, or reduce the amount of the

principal of a Discount Security that would be due and payable upon a declaration of acceleration of the maturity thereof pursuant to the Indenture, without the consent of the holder of each Note then outstanding and affected; (ii) reduce the aforesaid percentage of Notes, the holders of which are required to consent to any such supplemental indenture, or reduce the percentage of Notes, the holders of which are required to waive any default and its consequences, without the consent of the holder of each Note then outstanding and affected thereby; or (iii) modify any provision of Section 6.01(c) of the Indenture (except to increase the percentage of principal amount of securities required to rescind and annul any declaration of amounts due and payable under the Notes), without the consent of the holder of each Note then outstanding and affected thereby. The Indenture also contains provisions permitting the Holders of a majority in aggregate principal amount of the Notes of all series at the time outstanding affected thereby, on behalf of the Holders of the Notes of such series, to waive any past default in the performance of any of the covenants contained in the Indenture, or established pursuant to the Indenture with respect to such series, and its consequences, except a default in the payment of the principal of or premium, if any, or interest on any of the Notes of such series. Any such consent or waiver by the registered Holder of this Note (unless revoked as provided in the Indenture) shall be conclusive and binding upon such Holder and upon all future Holders and owners of this Note and of any Note issued in exchange herefor or in place hereof (whether by registration or transfer or otherwise), irrespective of whether or not any notation of such consent or waiver is made upon this Note.

No reference herein to the Indenture and no provision of this Note or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of and premium, if any, and interest on this Note at the time and place and at the rate and in the money herein prescribed.

As provided in the Indenture and subject to certain limitations therein set forth, this Note is transferable by the registered holder hereof on the Security Register of the Company, upon surrender of this Note for registration of transfer at the office or agency of the Company as may be designated by the Company accompanied by a written instrument or instruments of transfer in form satisfactory to the Company or the Trustee duly executed by the registered Holder hereof or his or her attorney duly authorized in writing, and thereupon one or more new Notes of authorized denominations and for the same aggregate principal amount and series will be issued to the designated transferee or transferees. No service charge will be made for any such transfer, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in relation thereto.

Prior to due presentment for registration of transfer of this Note, the Company, the Trustee, any paying agent and any Security Registrar may deem and treat the registered Holder hereof as the absolute owner hereof (whether or not this Note shall be overdue and notwithstanding any notice of ownership or writing hereon made by anyone other than the Note Registrar) for the purpose of receiving payment of or on account of the principal hereof and premium, if any, and interest due hereon and for all other purposes, and neither the Company nor the Trustee nor any paying agent nor any Security Registrar shall be affected by any notice to the contrary.

No recourse shall be had for the payment of the principal of or the interest on this Note, or for any claim based hereon, or otherwise in respect hereof, or based on or in respect of the Indenture, against any incorporator, stockholder, officer or director, past, present or future, as such, of the Company or of any predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise, all such liability being, by the acceptance hereof and as part of the consideration for the issuance hereof, expressly released waived and released.

The Notes of this series are issuable only in registered form without coupons in denominations of \$2,000 and any integral multiple of \$1,000 in excess thereof. As provided in the Indenture and subject to certain limitations, Notes of this series are exchangeable for a like aggregate principal amount of Notes of this series of a different authorized denomination, as requested by the Holder surrendering the same.

All terms used in this Note which are defined in the Indenture shall have the meanings assigned to them in the Indenture.

This Note shall not be entitled to any benefit under the Indenture hereinafter referred to, be valid or become obligatory for any purpose until the Certificate of Authentication hereon shall have been signed by or on behalf of the Trustee.

IN WITNESS WHEREOF, the Company has caused this Instrument to be executed.

KENTUCKY POWER COMPANY

By: _____
Assistant Treasurer

Attest:

By: _____
Assistant Secretary

CERTIFICATE OF AUTHENTICATION

This is one of the Notes referred to in the within-mentioned Indenture.

Deutsche Bank Trust Company Americas,
as Trustee

By: Deutsche Bank National Trust Company

By: _____
Authorized Signatory

By: _____
Authorized Signatory

ABBREVIATIONS

The following abbreviations, when used in the inscription on the face of this instrument, shall be construed as though they were written out in full according to applicable laws or regulations:

TEN COM-	as tenants in common	UNIF GIFT MIN ACT-	_____ Custodian _____ (Cust) (Minor)
TEN ENT-	as tenants by the entireties		under Uniform Gifts to Minors Act
JT TEN-	As joint tenants with right of survivorship and not as tenants in common		_____ (State)

Additional abbreviations may also be used though not on the above list.

FOR VALUE RECEIVED, the undersigned hereby sell(s) and transfer(s) unto _____ (please insert Social Security or other identifying number of assignee)

PLEASE PRINT OR TYPEWRITE NAME AND ADDRESS, INCLUDING POSTAL ZIP CODE OF ASSIGNEE

the within Note and all rights thereunder, hereby irrevocably constituting and appointing

agent to transfer said Note on the books of the Company, with full power of substitution in the premises.

Dated: _____

NOTICE: The signature to this assignment must correspond with the name as written upon the face of the within instrument in every particular without alteration or enlargement, or any change whatever.

In connection with any transfer of any of the Series E Notes evidenced by this certificate, the undersigned confirms that such Series E Notes are being:

CHECK ONE BOX BELOW

- (1) exchanged for the undersigned's own account without transfer; or
- (2) transferred to a person whom the undersigned reasonably believes to be a "qualified institutional buyer" as defined in Rule 144A under the Securities Act of 1933 who is purchasing such Series E Notes for such buyer's own account or the account of a "qualified institutional buyer" in a transaction meeting the requirements of Rule 144A under the Securities Act of 1933 and any applicable securities laws of any state of the United States or any other jurisdiction; or
- (3) exchanged or transferred pursuant to and in compliance with Rule 903 or 904 of Regulation S under the Securities Act of 1933; or
- (4) transferred pursuant to another available exemption from the registration requirements of the Securities Act of 1933.

Unless one of the boxes is checked, the Trustee will refuse to register any of the Series E Notes evidenced by this certificate in the name of any person other than the registered Holder thereof, provided, however, that if box (3) or (4) is checked, the Company may require, prior to registering any such transfer of the Series E Notes, such legal opinions, certifications and other information as the Company has reasonably requested to confirm that such transfer is being made pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act of 1933, such as the exemption provided by Rule 144 under such Act; provided, further, that if box (2) is checked, the transferee must also certify that it is a qualified institutional buyer as defined in Rule 144A.

Signature

TO BE COMPLETED BY PURCHASER IF (2) ABOVE IS CHECKED.

The undersigned represents and warrants that it is purchasing this Series E Note for its own account or an account with respect to which it exercises sole investment discretion and that it and any such account is a "qualified institutional buyer" within the meaning of Rule 144A under the Securities Act of 1933, and is aware that the sale to it is being made in reliance on Rule 144A and acknowledges that it has received such information regarding the Company as the undersigned has requested pursuant to Rule 144A or has determined not to request such information and that it is aware that the transferor is relying upon the undersigned's foregoing representations in order to claim the exemption from registration provided by Rule 144A.

Date: _____

NOTICE: To be executed by an executive officer.

SCHEDULE A

The initial aggregate principal amount of Series E Notes evidenced by the Certificate to which this Schedule is attached is \$325,000,000. The notations on the following table evidence decreases and increases in the aggregate principal amount of Series E Notes evidenced by such Certificate.

<u>Decrease in Principal Amount of Series E Notes</u>	<u>Increase in Principal Amount of Series E Notes</u>	<u>Principal Amount of Series E Notes Remaining After Such Decrease or Increase</u>	<u>Notation by Security Registrar</u>
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EXHIBIT B

FORM OF TRANSFER CERTIFICATE

In connection with any transfer of any of the Series E Notes evidenced by this certificate, the undersigned confirms that such Series E Notes are being:

CHECK ONE BOX BELOW

- (1) exchanged for the undersigned's own account without transfer; or
- (2) transferred to a person whom the undersigned reasonably believes to be a "qualified institutional buyer" as defined in Rule 144A under the Securities Act of 1933 who is purchasing such Series E Notes for such buyer's own account or the account of a "qualified institutional buyer" in a transaction meeting the requirements of Rule 144A under the Securities Act of 1933 and any applicable securities laws of any state of the United States or any other jurisdiction; or
- (3) exchanged or transferred pursuant to and in compliance with Rule 903 or 904 of Regulation S under the Securities Act of 1933; or
- (4) transferred pursuant to another available exemption from the registration requirements of the Securities Act of 1933.

Unless one of the boxes is checked, the Trustee will refuse to register any of the Series E Notes evidenced by this certificate in the name of any person other than the registered Holder thereof; provided, however, that if box (3) is checked, the Company may require, prior to registering any such transfer of the Series E Notes, such legal opinions, certifications and other information as the Company has reasonably requested to confirm that such transfer is being made pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act of 1933, such as the exemption provided by Rule 144 under such Act; provided, further, that if box (2) is checked, the transferee must also certify that it is a qualified institutional buyer as defined in Rule 144A.

Signature

TO BE COMPLETED BY PURCHASER IF (2) ABOVE IS CHECKED.

The undersigned represents and warrants that it is purchasing this Series E Note for its own account or an account with respect to which it exercises sole investment discretion and that it and any such account is a "qualified institutional buyer" within the meaning of Rule 144A under the Securities Act of 1933, and is aware that the sale to it is being made in reliance on Rule 144A and acknowledges that it has received such information regarding the Company as the undersigned has requested pursuant to Rule 144A or has determined not to request such information and that it is aware that the transferor is relying upon the undersigned's foregoing representations in order to claim the exemption from registration provided by Rule 144A.

Date: _____

NOTICE: To be executed by an executive officer.

EXHIBIT D

Kentucky Power Company
Income Statement
12 Months Ended December 31, 2018

Exhibit D
Page 1 of 4

REVENUES	
Revenue - Retail Sales	580,657,928
Revenue - Transmission	23,345,747
Revenue - Sales for Resale	31,830,571
Revenue - Other Operating	14,242,540
Provision for Rate Refund	(8,033,106)
Revenue - Power Sales	27,741
TOTAL OPERATING REVENUES	642,071,422
FUEL EXPENSES	
Total Fuel for Electric Generation	102,102,918
Total Purchased Power	152,559,682
GROSS MARGIN	387,408,822
OPERATING EXPENSES	
Operational Expenses	94,474,282
Maintenance Expenses	70,281,532
Total Maintenance and Operational Expenses	164,755,814
Depreciation and Amortization	97,770,182
Taxes Other Than Income Taxes	23,854,399
TOTAL OPERATING EXPENSES	286,380,395
OPERATING INCOME	101,028,427
NON-OPERATING INCOME / (EXPENSES)	
Total Interest & Dividend Income	44,263
Interest & Dividend Carrying Charge	16,909
Other Components of Net Periodic Pension	4,051,838
AFUDC	2,001,874
Total Interest Charges	(37,998,295)
INCOME BEFORE INCOME TAXES and EQUITY EARNINGS	69,145,016
INCOME TAXES and EQUITY EARNINGS	
Total Income Taxes	5,999,284
INCOME AFTER INCOME TAXES and EQUITY EARNINGS	63,145,732
NET INCOME	63,145,732
Minority Interest	-
Preferred Stock Dividend Subs	-
Earnings to Common Shareholders	63,145,732

ASSETS	
Cash and Cash Equivalents	1,168,118
Customers	20,242,453
Affiliated Companies	29,017,940
Accrued Unbilled Revenues	8,931,308
Miscellaneous	56,964
Allowances for Uncollectible Accounts	(85,487)
Accounts Receivable	58,163,178
Advances to Affiliates	-
Fuel, Materials and Supplies	27,827,994
Risk Management Contracts - Current	5,721,838
Accrued Tax Benefits	2,732,405
Margin Deposits	881,834
Unrecovered Fuel - Current	2,379,150
Prepayments and Other Current Assets	3,202,010
TOTAL CURRENT ASSETS	102,076,528
Electric Production	1,195,700,934
Electric Transmission	603,317,920
Electric Distribution	845,820,751
General Property, Plant and Equipment	98,280,315
Construction Work-in-Progress	84,747,789
TOTAL PROPERTY, PLANT and EQUIPMENT	2,827,867,708
less: Accumulated Depreciation and Amortization	(961,457,209)
NET PROPERTY, PLANT and EQUIPMENT	1,866,410,500
Net Regulatory Assets	391,744,696
Long-Term Risk Management Assets	159,071
Employee Benefits and Pension Assets	15,818,892
Deferred Charges and Other Noncurrent Assets	36,221,625
TOTAL OTHER NONCURRENT ASSETS	443,944,284
TOTAL ASSETS	2,412,431,312
LIABILITIES	
Accounts Payable	81,637,404
Advances from Affiliates	27,870,529
Long-Term Debt Due Within One Year Non-Affiliated	-
Risk Management Liabilities	94,934
Accrued Taxes	30,478,819
Accrued Interest	6,549,622
Deposits - Customer and Collateral	30,148,826
Asset Retirement Obligations	20,960,916
Other Current Liabilities	24,213,759
TOTAL CURRENT LIABILITIES	221,954,810
Long-Term Debt - Non Affiliated	867,127,965
Long-Term Risk Management Liabilities	44,160
Deferred Income Taxes	402,069,833
Regulatory Liabilities and Deferred Investment Tax Credits	155,681,880
Asset Retirement Obligations	20,720,476
Employee Benefits and Pension Obligations	5,988,594
Deferred Credit and Other NonCurrent Liabilities	5,964,457
TOTAL NONCURRENT LIABILITIES	1,457,597,366
TOTAL LIABILITIES	1,679,552,176
COMMON SHAREHOLDERS' EQUITY	
Common Stock	50,450,000
Paid In Capital	526,135,279
Retained Earnings	156,505,845
Accumulated Other Comprehensive Income (Loss)	(211,988)
TOTAL SHAREHOLDERS' EQUITY	732,879,136
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	2,412,431,312

1. Amounts and kinds of stock authorized.

2,000,000 Shares of Common Stock, \$50 par value.

2. Amounts and kinds of stock issued and outstanding.

1,009,000 Shares of Common Stock, \$50 par value, recorded at \$50,450,000.

3. Terms of preference of preferred stock whether cumulative or participating, or on dividends or assets or otherwise.

The Company has no preferred stock authorized or outstanding.

4. Brief description of each mortgage on property of applicant, giving date of execution, name of mortgagor, name of mortgagee, or trustee, amount of indebtedness authorized to be secured thereby, and the amount of indebtedness actually secured, together with any sinking funds provisions.

None

5. Amount of bonds authorized, and amount issued, describing each class separately, and giving date of issue, face value, rate of interest, date of maturity and how secured, together with the amount of interest paid thereon during the last fiscal year.

None

6. Each note outstanding, giving date of issue, amount, date of maturity, rate of interest, in whose favor, together with amount of interest paid thereon during the twelve months ending December 31, 2018.

Date of Issue	Date of Maturity	Rate of Interest	Principal Amount as of December 31, 2017	Principal Amount as of December 31, 2018	Interest Expense 12 Months Ending December 31, 2017	Interest Expense 12 Months Ending December 31, 2018
<u>Senior Notes</u>						
06/13/2003	12/01/2032	5.625%	\$75,000,000	\$75,000,000	\$4,218,750	\$4,218,750
06/18/2009	06/18/2021	7.250%	\$40,000,000	\$40,000,000	\$2,900,000	\$2,900,000
06/18/2009	06/18/2029	8.030%	\$30,000,000	\$30,000,000	\$2,409,000	\$2,409,000
06/18/2009	06/18/2039	8.130%	\$60,000,000	\$60,000,000	\$4,878,000	\$4,878,000
09/30/2014	09/30/2026	4.180%	\$120,000,000	\$120,000,000	\$5,016,000	\$5,016,000
12/30/2014	12/30/2026	4.330%	\$80,000,000	\$80,000,000	\$3,464,000	\$3,464,000
09/12/2017	09/12/2024	3.130%	\$65,000,000	\$65,000,000	\$616,001	\$2,034,500
09/12/2017	09/12/2027	3.350%	\$40,000,000	\$40,000,000	\$405,722	\$1,340,000
09/12/2017	09/12/2029	3.450%	\$165,000,000	\$165,000,000	\$1,723,563	\$5,692,500
09/12/2017	09/12/2047	4.120%	\$55,000,000	\$55,000,000	\$686,094	\$2,266,000
<u>Pollution Control Bonds</u>						
06/26/2014	04/01/2036	2.000%	\$65,000,000	\$65,000,000	\$926,604	\$1,300,000
<u>Term Loans</u>						
10/26/2018	10/26/2022	Variable	\$75,000,000	\$75,000,000	\$1,917,979	\$2,647,698

Short Term Borrowings

The Company participates in the AEP System Corporate Borrowing Program.

As of December 31, 2017, the Company had \$9,641,967 of Short Term Debt borrowing, the twelve months ended interest expense was \$77,946 and the Weighted Average Interest Rate was 1.38%.

As of December 31, 2018, the Company had \$27,870,529 of Short Term Debt borrowing, the twelve months ended interest expense was \$164,107 and the Weighted Average Interest Rate was 2.32%.

The Company was in a borrowed position for 281 days in the last twelve months.

Note: The Senior Notes in 2003 were issued in public offerings. The Senior Notes in 2009, 2014, and 2017 were issued in private offerings to qualified institutional investors.

7. Other indebtedness, giving same by classes and describing security, if any, with a brief statement of the devolution of assumption of any portion of such indebtedness upon or by person or corporation if the original liability has been transferred, together with amount of interest paid thereon during the twelve months ending December 31, 2018.

The Company has no other indebtedness.

8. Rate and amount of dividends paid during the five previous calendar years, and the amount of capital stock on which dividends were paid each year:

Year	Common Dividend Amount	Common Shares Outstanding	Dividend per Common Share
2018	\$0	1,009,000	\$0.00
2017	\$35,000,000	1,009,000	\$34.69
2016	\$44,000,000	1,009,000	\$43.61
2015	\$44,000,000	1,009,000	\$43.61
2014	\$115,000,000	1,009,000	\$113.97

9. Detailed income statement and balance sheet (see Exhibit D pages 1 - 2).

Kentucky Power - Post Allocated Capital Excluding AFUDC

\$ in Millions

Exhibit D

Page 4 of 4

<i>\$ in millions</i>	2019	2020	2021	2022	20223
Coal Combustion Residual / Effluent guideline	1	3	15	23	1
NO _x Program	0	1	1	1	1
SO ₂ Program	0	1	7	5	0
Other Environmental (Landfills, MATS Compliance & Other)	12	13	4	0	7
Regulated Environmental Generation	14	19	27	30	9
Outage Projects	5	0	3	3	-
Production Plant Blankets	4	4	7	6	7
Other F/H Projects	4	4	4	4	4
Regulated Fossil & Hydro Generation	13	9	13	13	11
Reliability/Asset Program	30	31	26	29	29
Customer Service	18	9	7	7	7
Capacity Additions	4	13	15	8	6
Meters and Transformers	3	3	3	4	4
gridSMART® / AMI	-	-	-	-	-
ROW Clearing	11	9	10	2	2
System Restoration	4	3	3	3	3
Facility Relocations	2	2	2	2	2
All Other	4	2	5	12	17
Distribution	77	72	72	67	71
Asset Replacement	24	25	38	27	30
Customer Service	17	27	3	16	16
RTO Driven	42	27	2	20	23
Local Reliability	17	19	44	29	34
All Other	1	5	0	-	-
Transmission	101	102	86	92	103
Information Technology	12	13	19	25	31
Telecommunications	1	13	9	1	1
Facilities	1	1	0	0	0
Other (IT, Facilities, Corporate)	15	27	28	26	32
Total Capital	220	229	227	228	226

EXHIBIT E

Commonwealth of Kentucky
Alison Lundergan Grimes, Secretary of State

Alison Lundergan Grimes
Secretary of State
P. O. Box 718
Frankfort, KY 40602-0718
(502) 564-3490
<http://www.sos.ky.gov>

Certificate of Existence

Authentication number: 213111
Visit <https://app.sos.ky.gov/ftshow/certvalidate.aspx> to authenticate this certificate.

I, Alison Lundergan Grimes, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

KENTUCKY POWER COMPANY

is a corporation duly incorporated and existing under KRS Chapter 14A and KRS Chapter 271B, whose date of incorporation is July 21, 1919 and whose period of duration is perpetual.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that Articles of Dissolution have not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 4th day of March, 2019, in the 227th year of the Commonwealth.



Alison Lundergan Grimes

Alison Lundergan Grimes
Secretary of State
Commonwealth of Kentucky
213111/0028317