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Arizona Corporation Commission
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Tucson Electric Power

88 East Broadway Blvd.
Tucson, AZ 85701-1720

December 13, 2012

Docket Control
Arizona Corporation Commission
1200 West Washington Street
Phoenix, AZ 85007

Re: Notice of Filing – Tucson Electric Power Company Financing Documents
Decision No. 71788 (July 12, 2010), Docket No. E-01933A-09-0476

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AZ CORP COMMISSION
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Pursuant to Decision No. 71788 (July 12, 2010) (“Decision”), Tucson Electric Power Company (“TEP” or “Company”) is required to file with Docket Control copies of the relevant financing agreements, including a business rationale for such financing or refinancing, and a demonstration that the rates and terms received by TEP were fair and reasonable under prevailing market conditions. This financing was authorized on page 18, lines 6-11 of the aforementioned Decision.

On September 14, 2012, TEP issued and sold \$150,000,000 aggregate principal amount of 10.5-year unsecured notes (“Notes”). The Notes bear interest at the rate of 3.85%, payable semi-annually on each March 15 and September 15, beginning March 15, 2013, and mature on March 15, 2023. The Notes were issued under an Indenture of Trust dated as of November 1, 2011 (“Indenture”) between TEP and U.S. Bank Trust National Association, as Trustee (“Trustee”).

TEP used the proceeds of the sale of the Notes to repay approximately \$72 million on its revolving credit facility, with the remaining proceeds to be applied to general corporate purposes.

The business rationale for the financing was to repay amounts owing under its revolving credit facility, thereby creating greater availability under its revolver for future liquidity needs, including approximately \$100 million in capital lease obligation payments due on January 2, 2013.

TEP believes that the rates and terms obtained by the Company under this financing were fair and reasonable under the prevailing market conditions. TEP obtained an interest rate of 3.85% for 10.5-year unsecured notes. The interest rate was a market rate at the time for a financing of a 10.5-year maturity. The rate was based on the 10-year Treasury note with a credit spread based upon TEP’s unsecured credit ratings. TEP’s unsecured credit ratings are BBB- by Standard & Poors, Baa3 by Moody’s, and BBB- by Fitch. The 10-year Treasury on the day the

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bonds were priced was 1.625% and the credit spread was 2.20%. A comparable transaction was done in October 2012 by PPL Capital Funding, also rated BBB-/Baa3, who sold 10-year bonds at 3.50%, a rate somewhat lower than the rate TEP obtained, due to the slightly shorter maturity (10 vs. 10.5 years), and the larger issuance size (\$400 million vs. \$150 million).

Enclosed please see Attachment 1 for the Officer's Certificate regarding equity ratio requirements set in Decision No. 71788 and Attachment 2 for the executed financing documents.

If you have questions, please contact me at (520) 884-3680.

Sincerely,



Jessica Bryne
Regulatory Services

Enclosures: Attachments

cc: Compliance Section, ACC

ATTACHMENT

1

TUCSON ELECTRIC POWER COMPANY

**Officer's Certificate Regarding Compliance with
the Requirements of the ACC Order**

The undersigned, Kentton C. Grant, Vice President and Treasurer of Tucson Electric Power Company, an Arizona corporation (the "Company"), hereby certifies that, as evidenced by the spreadsheet attached as Exhibit A hereto, the Company is in compliance with (i) the 30% equity ratio requirement of the Opinion and Order of the Arizona Corporation Commission (Decision No. 71788), dated July 12, 2010 (the "Order") and (ii) the cash coverage ratio requirement of the Order.

IN WITNESS WHEREOF, the undersigned has executed this Certificate as of the 14th day of September, 2012.



Kentton C. Grant
Vice President and Treasurer

**Exhibit A to
Officer's Certificate Regarding Compliance with
the Requirements of the ACC Order**

2012 TEP Notes

Demonstration of 30% Equity Ratio for Debt Issuance Test under ACC Decision #71788

(\$ 000s)	12/31/2011	Allowed Adjustments	Adjusted 6/30/2012	9/14/2012 Debt Issuance & Repayment	Pro forma 9/14/2012
Common Stock Equity	824,943	-	824,943	-	824,943
Long-term Debt	1,080,373	(6,535) (A)	1,073,838	150,000 (D)	1,223,838
Current Maturities of LTD	-		-		-
Capital Lease Obligations	352,720		352,720	-	352,720
Current Obligations under Capital Leases	77,482	(76,236) (B)	1,246	-	1,246
Less: Investments in Lease Debt	(29,346)	19,278 (C)	(10,068)	-	(10,068)
Total Debt	1,481,229	(63,493)	1,417,736	150,000	1,567,736
Total Capitalization	2,306,172	(63,493)	2,242,679	150,000	2,392,679
Equity to Total Capitalization	35.77%		36.78%		34.48%
Required Level	30.00%		30.00%		30.00%

(A) Repayments of Long-Term Debt from June 2012 Statement of Cash Flows

(B) Uses Payments on Capital Lease Obligations from June 2012 Statement of Cash Flows

(C) Uses Proceeds from Investments in Lease Debt from June 2012 Statement of Cash Flows

(D) Issue \$150,000 in 2012 TEP Notes

CCR Ratio

Demonstration of 1.75 x Cash Coverage Ratio for Issuance Test under Decision #71788

(\$ 000s)	Actual 12/31/2011	Pro Forma Adjustments	Pro Forma
Operating Income	\$ 229,381	\$ -	\$ 229,381
Depreciation and Amortization	139,544	-	139,544
Total	\$ 368,925		\$ 368,925
Interest Expense	\$ 89,270		\$ 94,037
Add: Interest on new LTD		4,767 (E)	
Net change in interest expense		\$ 4,767	
CCR	4.13		3.92
Required Level	1.75		1.75

(E) Interest expense on new debt of 3.85% on \$150 million, less:
\$72 million at 1.40% (revolver)

ATTACHMENT

2

**PROSPECTUS SUPPLEMENT
(To Prospectus dated May 10, 2012)**

**\$150,000,000
Tucson Electric Power Company
3.85% Notes due 2023**

We are offering \$150,000,000 aggregate principal amount of our 3.85% notes due 2023, which we refer to as the notes. Interest on the notes will be payable semi-annually on each March 15 and September 15, beginning March 15, 2013, and at maturity. The notes will mature on March 15, 2023.

We may redeem the notes from time to time, in whole or in part, at any time prior to December 15, 2022 at the “make-whole” redemption price, and thereafter at any time prior to maturity at par, as described in this prospectus supplement under the heading “Description of Notes—Optional Redemption”.

The notes will be our direct unsecured and unsubordinated general obligations and will rank equally with all of our other existing and future unsecured and unsubordinated debt, will be senior in right of payment to all of our future subordinated debt and will be junior to any of our existing and future secured debt, including our mortgage bonds, to the extent of the value of the collateral securing such secured debt.

The notes will initially be represented by global certificates deposited with or on behalf of The Depository Trust Company, or DTC, and registered in the name of DTC’s nominee, Cede & Co. Beneficial interests in the global certificates will be exchangeable for definitive securities only in limited circumstances. The notes will not be listed on any national securities exchange. Currently, there is no public market for the notes.

Investing in the notes involves risks. See “Risk Factors” beginning on page S-4.

	<u>PER NOTE</u>	<u>TOTAL</u>
Public Offering Price(1)	99.675%	\$ 149,512,500
Underwriting Discount	0.65%	\$ 975,000
Proceeds to Tucson Electric Power Company (Before Expenses)	99.025%	\$ 148,537,500

(1) Plus accrued interest from September 14, 2012, if settlement occurs after that date.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement or the accompanying prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The underwriters expect to deliver the notes in book-entry form only through the facilities of DTC against payment in New York, New York on or about September 14, 2012.

J.P. Morgan

Mitsubishi UFJ Securities

Scotiabank

US Bancorp

Comerica Securities

The date of this prospectus supplement is September 11, 2012.

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Prospectus

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THIS PROSPECTUS SUPPLEMENT AND THE ACCOMPANYING PROSPECTUS DO NOT CONSTITUTE AN OFFER TO SELL, OR A SOLICITATION OF AN OFFER TO BUY, ANY NOTES OFFERED HEREBY BY ANY PERSON IN ANY JURISDICTION IN WHICH IT IS UNLAWFUL FOR SUCH PERSON TO MAKE SUCH AN OFFER OR SOLICITATION. NEITHER THE DELIVERY OF THIS PROSPECTUS SUPPLEMENT AND THE ACCOMPANYING PROSPECTUS NOR ANY SALE MADE HEREUNDER SHALL UNDER ANY CIRCUMSTANCES IMPLY THAT THERE HAS BEEN NO CHANGE IN OUR AFFAIRS OR THAT THE INFORMATION SET FORTH HEREIN IS CORRECT AS OF ANY DATE SUBSEQUENT TO THE DATE HEREOF.

ABOUT THIS PROSPECTUS SUPPLEMENT

This document is in two parts. The first part, this prospectus supplement, describes the specific terms of the notes we are offering. The second part, the accompanying prospectus and the documents incorporated by reference, describes our business and gives more general information, some of which may not apply to the notes we are offering in this prospectus supplement. You should read this prospectus supplement together with the accompanying prospectus and the documents incorporated by reference before making a decision to invest in the notes. If the information in this prospectus supplement or the information incorporated by reference in this prospectus supplement is inconsistent with the accompanying prospectus, the information in this prospectus supplement or the information incorporated by reference in this prospectus supplement will apply and will supersede that information in the accompanying prospectus.

This prospectus supplement and the accompanying prospectus are part of a registration statement that was filed by us with the Securities and Exchange Commission (“SEC”) as a wholly-owned subsidiary of UNS Energy Corporation (formerly known as UniSource Energy Corporation), which is a “well-known seasoned issuer”. Under the shelf registration process, we may, from time to time, issue and sell to the public the securities described in the accompanying prospectus, including the notes, up to an indeterminate amount, of which this offering is a part. In this prospectus supplement, we provide you with specific information about the terms of the notes and this offering.

You should rely only on the information incorporated by reference or provided in this prospectus supplement, the accompanying prospectus and any written communication from us or the underwriters specifying the final terms of the offering. We have not, nor have any underwriters or dealers, authorized anyone else to provide you with different information about us or the debt securities. We are not, nor are any underwriters or dealers, making an offer of the notes in any jurisdiction where the offer is not permitted. You should not assume that the information in this prospectus supplement, the accompanying prospectus or any written communication from us or the underwriters specifying the final terms of the offering is accurate as of any date other than the date on the front of those documents or that the documents incorporated by reference in this prospectus supplement, the accompanying prospectus or any written communication from us or the underwriters specifying the final terms of the offering are accurate as of any date other than the date those documents were filed with the SEC. Our business, financial condition, results of operations and prospects may have changed since these dates.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

We caution you that this prospectus supplement and the periodic reports and other documents that are incorporated by reference in this prospectus supplement contain forward-looking statements as defined by the Private Securities Litigation Reform Act of 1995. We are including the following cautionary statements to make applicable and take advantage of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995 for any forward-looking statements made by us in this prospectus supplement and the periodic reports and other documents that are incorporated by reference in this prospectus supplement. Forward-looking statements include statements concerning plans, objectives, goals, strategies, future events or performance and underlying assumptions and other statements that are not statements of historical facts. Forward-looking statements may be identified by the use of words such as “anticipates”, “estimates”, “expects”, “intends”, “plans”, “predicts”, “projects”, and similar expressions. From time to time, we may publish or otherwise make available forward-looking statements of this nature. All such forward-looking statements, whether written or oral, are expressly qualified by these cautionary statements and any other cautionary statements which may accompany the forward-looking statements. In addition, we disclaim any obligation to update any forward-looking statements to reflect events or circumstances after the date of this prospectus supplement.

Forward-looking statements involve risks and uncertainties which could cause actual results or outcomes to differ materially from those expressed in the forward-looking statements. We express our expectations, beliefs and projections in good faith and believe them to have a reasonable basis. However, we make no assurances that management’s expectations, beliefs or projections will be achieved or accomplished. We have identified the following important factors that could cause actual results to differ materially from those discussed in our forward-looking statements. These may be in addition to other factors and matters discussed in our periodic reports and other documents that are incorporated by reference in this prospectus supplement: state and federal regulatory and legislative decisions and actions, including environmental legislation and renewable energy requirements; regional

economic and market conditions which could affect customer growth and energy usage; weather variations affecting energy usage; the cost of debt and equity capital and access to capital markets; the performance of the stock market and changing interest rate environment, which affect the value of the company's pension and other postretirement benefit plan assets and the related contribution requirements and expense; unexpected increases in operations and maintenance expense; resolution of pending litigation matters; changes in accounting standards; changes in critical accounting estimates; the ongoing restructuring of the electric industry; changes to long-term contracts; the cost of fuel and energy supplies; cyber attacks or challenges to our information security; and performance of our generating plants.

SUMMARY

The following summary information is qualified in its entirety by the information contained elsewhere in this prospectus supplement or the accompanying prospectus, in the documents incorporated by reference herein and in the indenture (as defined below).

We were incorporated in the State of Arizona in 1963. We are the principal operating subsidiary of UNS Energy. In 2011, our electric utility operations contributed 77% of UNS Energy's operating revenues and comprised 82% of its assets.

We are a vertically integrated utility that provides regulated electric service to approximately 404,000 retail customers in southeastern Arizona. Our service territory covers 1,155 square miles and includes a population of approximately 1 million people in the greater Tucson metropolitan area in Pima County, as well as parts of Cochise County. We provide electric utility service to a diverse group of residential, commercial, industrial, and public sector customers. Major industries served include copper mining, cement manufacturing, defense, health care, education, military bases and other governmental entities. We also sell electricity to other utilities and power marketing entities in the western United States.

At December 31, 2011, we owned or leased 2,262 MW of net generating capability.

Our principal executive offices are located at 88 East Broadway Boulevard, Tucson, Arizona 85701. Our telephone number is (520) 571-4000.

Summary of the Offering

Issuer	Tucson Electric Power Company
Securities Offered.....	We are offering \$150,000,000 aggregate principal amount of our 3.85% notes due 2023.
Maturity Date.....	The notes will mature on March 15, 2023.
Interest Rate.....	Interest on the notes will accrue at a rate of 3.85% per annum.
Interest Payment Dates	Interest on the notes will accrue from the interest accrual date set forth on the cover of this prospectus supplement and will be payable semi-annually in arrears on each March 15 and September 15, beginning on March 15, 2013, and at maturity.
Optional Redemption.....	The notes will be redeemable, in whole or in part, at our option, at any time prior to December 15, 2022, at a “make-whole” redemption price and thereafter at any time prior to maturity at par, as described under “Description of Notes—Optional Redemption” herein.
Security and Ranking.....	The notes will be our direct unsecured and unsubordinated general obligations and will rank equally with all of our other existing and future unsecured and unsubordinated debt, will be senior in right of payment to any subordinated debt that we may issue in the future and will be junior to any of our existing and future secured debt, including our mortgage bonds, to the extent of the value of the collateral securing such secured debt. Substantially all of our utility plant assets are subject to the lien and security interest created by our indenture of mortgage and deed of trust, dated as of December 1, 1992, to The Bank of New York Mellon, successor trustee, as amended and supplemented, which we refer to as our mortgage indenture. We have \$423 million of mortgage bonds outstanding under the mortgage indenture. See “Description of Notes—Ranking” herein.
Limitation on Secured Debt.....	As long as the notes are outstanding, we will not create, issue, incur or assume any debt secured by a lien upon any of our property (other than Excepted Property, as described below), except for certain permitted secured debt, unless the notes are also secured by that lien. See “Description of Notes—Limitation on Secured Debt” herein.
Sinking Fund	There is no sinking fund for the notes.

Additional Issuances.....	We may from time to time, without the consent of the holders of the notes, create and issue additional notes having the same terms and conditions as the notes so that the additional issuance is consolidated and forms a single series with the previously outstanding notes.
Form and Denomination.....	The notes will be represented by global certificates deposited with, or on behalf of, DTC, or its nominee. For more information, see “Description of Notes—Book-Entry Only Issuance – The Depository Trust Company.” The notes will be issued in fully registered form only in denominations of \$1,000 and integral multiples of \$1,000 in excess thereof.
Use of Proceeds	We intend to use the net proceeds from this offering to repay amounts outstanding under our revolving credit facility, with any remaining balance to be applied to general corporate purposes. See “Use of Proceeds” herein.
Risk Factors.....	You should carefully read and consider, in addition to matters set forth elsewhere in this prospectus supplement, the information in the “Risk Factors” section beginning on page S-4.
Trustee and Paying Agent.....	U.S. Bank National Association, or the Trustee.
Governing Law	The notes and the indenture, dated as of November 1, 2011, between us and the Trustee, and the officer’s certificate supplementing the indenture and establishing the terms of the notes (which we collectively refer to herein as the indenture), will be governed by, and construed in accordance with, the laws of the State of New York.

RISK FACTORS

Before investing in the notes, you should carefully consider the risks described below, as well as the other information contained in this prospectus supplement, the accompanying prospectus or incorporated by reference herein from our filings with the SEC, to which we refer you for more detailed information on our business, industry, and financial and corporate operations and structure. These are risks we consider to be material to your decision whether to invest in the notes. There may be risks that you view in a different way than we do, and we may omit a risk that we consider immaterial, but you consider important. If any of the following risks occur, our business, financial condition or results of operations could be materially harmed. In that case, the value or trading price of the notes could decline, and you could lose part or all of your investment.

RISKS RELATED TO OUR BUSINESS AND INDUSTRY

For a discussion of these risks please see the risk factors contained under the caption “Item 1A. Risk Factors” in our Annual Report on Form 10-K for the year ended December 31, 2011 and under the caption “Item 1A. Risk Factors” in our Quarterly Report on Form 10-Q for the quarter ended March 31, 2012.

RISKS RELATED TO THIS OFFERING

We may be able to issue substantially more debt.

The indenture does not limit the amount of unsecured indebtedness we may issue. The indenture also permits us to incur additional secured debt, subject to certain limitations, as described further under “Description of Notes – Limitation on Secured Debt” herein.

In the event of a bankruptcy or insolvency, holders of our secured indebtedness and other secured obligations will have a prior secured claim to any collateral securing such indebtedness or other obligations.

Holders of our secured indebtedness, including our mortgage bonds, will have claims that are prior to your claims as holders of the notes to the extent of the value of the assets securing that other indebtedness. Under our mortgage indenture we have issued secured debt and may issue additional secured debt. Substantially all of our utility plant assets are subject to the lien and security interest created by our mortgage indenture. We have \$423 million aggregate principal amount of mortgage bonds outstanding under our mortgage indenture and may, subject to the conditions of the mortgage indenture and the limitations described under “Description of Notes – Limitation on Secured Debt”, issue additional mortgage bonds.

Accordingly, in the event of any distribution or payment of our assets in any foreclosure, dissolution, winding-up, liquidation, reorganization, or other bankruptcy proceeding, holders of secured indebtedness will have a prior claim to those of our assets that constitute their collateral. Holders of the notes will participate ratably with all holders of our unsecured and unsubordinated indebtedness that is deemed to be of the same class as the notes, and potentially with all our other general creditors, based upon the respective amounts owed to each holder or creditor, in our remaining assets. In any of the foregoing events, we cannot assure you that there will be sufficient assets to pay amounts due on the notes.

If an active trading market does not develop for the notes, you may be unable to sell the notes or to sell them at a price you deem sufficient.

The notes will be new securities for which there is no established trading market. We do not intend to apply for listing of the notes on any national securities exchange or to arrange for the notes to be quoted on any automated system. We provide no assurance as to:

- the liquidity of any trading market that may develop for the notes;
- the ability of holders to sell their notes; or

- the price at which holders would be able to sell their notes.

Even if a trading market develops, the notes may trade at higher or lower prices than their principal amount or purchase price. If a market for the notes does not develop, purchasers may be unable to resell the notes for an extended period of time. Consequently, a holder of notes may not be able to liquidate its investment readily, and the notes may not be readily accepted as collateral for loans. In addition, market-making activities will be subject to restrictions under the Securities Act of 1933, as amended, or the Securities Act, and the Securities Exchange Act of 1934, as amended, or the Exchange Act.

CAPITALIZATION

You should read the information set forth below as to our consolidated capitalization in conjunction with our historical financial statements and the related notes and other financial information contained in the documents incorporated by reference into this prospectus supplement.

	<u>June 30, 2012</u>	
	(Dollars in thousands)	
	(Unaudited)	
Common Stockholder's Equity	\$ 845,982	38%
Capital Lease Obligations	276,524	13%
Long-Term Debt	<u>1,073,878</u>	<u>49%</u>
Total Capitalization	<u>\$ 2,196,384</u>	<u>100%</u>

SELECTED FINANCIAL DATA

You should read our selected financial data set forth below in conjunction with our historical consolidated financial statements and the related notes and other financial information contained in the documents incorporated by reference into this prospectus supplement.

	<u>Year Ended December 31,</u>					Six Months Ended June 30, 2012
	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>(Unaudited)</u>
	(Dollars in thousands)					
Operating Revenues.....	\$ 1,070,789	\$ 1,092,148	\$ 1,099,338	\$ 1,125,267	\$ 1,156,386	\$ 523,397
Operating Income	187,317	107,215	217,333	254,031	229,381	76,103
Net Income	55,591	7,206	90,688	108,260	85,334	20,449
Total Assets	2,567,808	2,847,408	2,922,062	3,075,978	3,277,661	3,366,943
Long-Term Debt and Capital Lease Obligations	1,213,584	1,416,985	1,391,926	1,432,689	1,433,093	1,350,402

RATIO OF EARNINGS TO FIXED CHARGES

The following table contains our consolidated ratio of earnings to fixed charges for each of the periods indicated. You should read these ratios in connection with our consolidated financial statements, including the notes to those statements incorporated by reference in this prospectus supplement.

	<u>Year Ended December 31,</u>					Twelve Months Ended June 30, 2012
	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
Ratio of Earnings to Fixed Charges ⁽¹⁾	1.775	1.175	2.582	2.763	2.421	2.279

(1) Earnings are defined as pre-tax earnings from continuing operations before minority interest, or income/loss from equity method investments, plus interest charges (excluding capitalized interest) and amortization of debt discount and expense related to indebtedness. Fixed charges are interest charges (whether expensed or capitalized), including amortization of debt discount and expense on indebtedness.

USE OF PROCEEDS

We estimate that our net proceeds from the issuance and sale of the notes, after deducting the underwriting discount and estimated expenses, will be approximately \$148.3 million. As of September 7, 2012, we had \$72 million outstanding on our revolving credit facility (the “revolver”) bearing an interest rate of 1.36%. We intend to use the net proceeds from this offering to repay all amounts outstanding on the revolver, with any remaining proceeds to be applied to general corporate purposes. During the first six months of 2012, the average interest rate on the revolver ranged from 1.37% to 1.64%.

DESCRIPTION OF NOTES

The following description is a summary of certain of the terms of the notes and the indenture. The summary does not purport to be complete and is subject in all respects to the provisions of, and is qualified in its entirety by reference to, the indenture and the form of certificates evidencing the notes, which are available upon request from us, and the Trust Indenture Act of 1939, as amended. Capitalized terms that are used in the following summary but not defined have the meanings given to those terms in the indenture. The numerical references appearing in parentheses in the following summary are to sections of the indenture.

In this "Description of Notes" section, references to "we," "our" and "us" mean Tucson Electric Power Company excluding, unless otherwise expressly stated, its subsidiaries.

General

We are offering \$150 million aggregate principal amount of our 3.85% notes due 2023.

We will issue the notes as a series of debt securities under the indenture. The notes and all other debt securities issued under the indenture are collectively referred to herein as "Indenture Securities." The specific terms of each series of Indenture Securities, including the notes, will be established by an officer's certificate or a supplemental indenture. For the purposes of this section, any reference to the "indenture" shall generally mean the indenture as supplemented by the officer's certificate relating to the notes.

The indenture permits us to issue an unlimited amount of Indenture Securities from time to time in one or more series. All Indenture Securities of any one series need not be issued at the same time, and, unless restricted, a series may be reopened for issuances of additional Indenture Securities of such series. This means that we may from time to time, without the consent of the holders of the outstanding notes, create and issue further Indenture Securities having the same terms and conditions as the notes in all respects, except for issue date, price to public and, if applicable, the initial interest payment. These additional Indenture Securities will be consolidated with, and will form a single series with, the previously outstanding notes.

The notes will be issued in fully registered form without coupons in denominations of \$1,000 and integral multiples of \$1,000 in excess thereof. The notes will be denominated and payable in U.S. dollars.

The notes will be issued in book-entry form and will be evidenced by a registered global certificate or certificates without coupons, which we sometimes refer to as the "global securities," registered in the name of Cede & Co., as nominee for DTC. Holders of interests in global securities will not be entitled to receive notes in definitive certificated form registered in their names except in the limited circumstances described below. See "— Book-Entry Only Issuance — The Depository Trust Company" for a summary of selected provisions applicable to the depository arrangements.

The notes will not be subject to a sinking fund and will not be subject to redemption or purchase by us prior to maturity at the option of holders. The indenture does not contain any provisions that are intended to protect holders of notes in the event of a highly-leveraged or similar transaction involving us, whether or not in connection with a change of control. Except for the limitations on the issuance of secured debt described under "Limitation on Secured Debt" below, the indenture does not limit the incurrence of debt by us or any of our subsidiaries.

Interest and Interest Payment Dates

Interest on the notes will:

- be paid at the rate of 3.85% per annum;
- be payable in U.S. dollars;

- be payable semi-annually in arrears on March 15 and September 15 of each year, commencing March 15, 2013, and at maturity;
- be computed on the basis of a 360-day year consisting of twelve 30-day months and for any interest period shorter than a full month, on the basis of the actual number of days elapsed in such period;
- originally accrue from, and include, the interest accrual date set forth on the cover of this prospectus supplement; and
- be paid to the Persons in whose names the notes are registered at the close of business on the Business Day immediately preceding such interest payment date so long as all of the notes of that series remain in book-entry only form, or on the 15th calendar day immediately preceding each interest payment date with respect to any notes that do not remain in book-entry only form.

We have agreed to pay interest on any overdue principal and, if such payment is enforceable under applicable law, on any overdue installment of interest on the notes at the applicable rate then borne by the notes to holders of record at the close of business on the Business Day immediately preceding our payment of such interest.

If an interest payment date, a redemption date or the maturity date falls on a day that is not a Business Day, then the payment of principal, premium, if any, or interest, as the case may be, due on that date need not be made on that date, but may be made on the next succeeding Business Day with the same force and effect as if made on that interest payment date, redemption date or maturity date, as the case may be, and no interest will accrue for the period after that date.

Ranking

The notes will be our direct unsecured and unsubordinated general obligations and will rank equally with all of our other existing and future unsecured and unsubordinated debt, will be senior in right of payment to any subordinated debt that we may issue in the future and will be junior to any of our existing and future secured debt, including our mortgage bonds, to the extent of the value of the collateral securing such secured debt. Substantially all of our utility plant assets are subject to the lien and security interest created by our mortgage indenture. We have \$423 million of mortgage bonds outstanding under the mortgage indenture. The existing and any future mortgage bonds are senior to the notes. The indenture does not limit the amount of debt that may be issued under the indenture or the amount of any other debt that would rank *pari passu* with the notes. Limitations on the issuance of secured debt are described under “Limitation on Secured Debt” below.

Optional Redemption

At any time prior to December 15, 2022, we may redeem the notes, in whole or in part, on not less than 30 nor more than 60 days’ notice, at a redemption price equal to the greater of:

- 100% of the principal amount of the notes being redeemed, and
- as determined by the Independent Investment Banker the sum of the present values of the remaining scheduled payments of principal of and interest on the notes being redeemed (excluding the portion of any such interest accrued to the redemption date), discounted (for purposes of determining such present values) to the redemption date on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Adjusted Treasury Rate plus 0.35%,

plus, in each case, accrued and unpaid interest thereon to the redemption date.

At any time on or after December 15, 2022, we may redeem the notes, in whole or in part, on not less than 30 nor more than 60 days’ notice, at a redemption price equal to 100% of the principal amount of the notes to be redeemed, plus accrued and unpaid interest thereon to the redemption date.

If less than all of the notes are to be redeemed at our option, the trustee will select, in a manner it deems fair and appropriate, the notes or portions of the notes to be redeemed. However, if, as indicated in an officer's certificate, we have offered to purchase all or any principal amount of the notes then outstanding, and less than all of the notes as to which such offer was made have been tendered to us for such purchase, the trustee, if so directed by us, will select for redemption all or any principal amount of such notes which have not been so tendered.

Upon payment of the redemption price, on and after the redemption date, interest will cease to accrue on the notes or portions thereof called for redemption.

Certain Definitions

"Adjusted Treasury Rate" means, with respect to any redemption date:

(1) the yield, under the heading which represents the average for the immediately preceding week, appearing in the most recently published statistical release designated "H.15(519)" or any successor publication which is published weekly by the Board of Governors of the Federal Reserve System and which establishes yields on actively traded United States Treasury securities adjusted to constant maturity under the caption "Treasury Constant Maturities," for the maturity corresponding to the Comparable Treasury Issue (if no maturity is within three months before or after the remaining term of the notes, yields for the two published maturities most closely corresponding to the Comparable Treasury Issue shall be determined and the Adjusted Treasury Rate shall be interpolated or extrapolated from such yields on a straight line basis, rounding to the nearest month); or

(2) if such release (or any successor release) is not published during the week preceding the calculation date for the Adjusted Treasury Rate or does not contain such yields, the rate per annum equal to the semi-annual equivalent yield to maturity of the Comparable Treasury Issue, calculated using 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.

The Adjusted Treasury Rate shall be calculated on the third Business Day preceding the redemption date.

"Business Day" means any day other than a Saturday or a Sunday or a day on which banking institutions in The City of New York are authorized or required by law or executive order to remain closed or a day on which the corporate trust office of the trustee is closed for business.

"Comparable Treasury Issue" means the United States Treasury security selected by the 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, (1) the average of five Reference Treasury Dealer Quotations for such redemption date after excluding the highest and lowest such Reference Treasury Dealer Quotations or (2) if the Independent Investment Banker obtains fewer than five such Reference Treasury Dealer Quotations, the average of all such Reference Treasury Dealer Quotations.

"Independent Investment Banker" means one of the Reference Treasury Dealers that we appoint to act as the Independent Investment Banker from time to time or, if any of such firms are unwilling or unable to select the Comparable Treasury Issue, an independent investment banking institution of national standing appointed by us.

"Reference Treasury Dealer" means a primary U.S. Government securities dealer appointed by us.

"Reference Treasury Dealer Quotations" means, with respect to each Reference Treasury Dealer and any redemption date, the average, as determined by the Independent Investment Banker, 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 Independent Investment Banker at 5:00 p.m., New York City time, on the third Business Day preceding such redemption date.

Conditional Notice of Redemption

If at the time notice of redemption is given, the redemption moneys are not on deposit with the trustee, then the redemption may be made subject to receipt of such monies by the trustee on or before the redemption date, and such notice shall be of no effect unless such moneys are received.

Payment and Paying Agents

Interest on the notes payable on each interest payment date will be paid to the Person in whose name that note is registered as of the close of business on the regular record date for the interest payment date, which will be the close of business on the Business Day immediately preceding such interest payment date so long as all of the notes of the same series as that note remain in book-entry only form, or on the 15th calendar day immediately preceding each interest payment date if any of the notes of that series do not remain in book-entry only form. However, interest payable at maturity will be paid to the Person to whom the principal is paid. If there has been a default in the payment of interest on any note, other than at maturity, the defaulted interest may be paid to the holder of such note as of the close of business on a date between 10 and 15 days before the date proposed by us for payment of such defaulted interest and not less than 10 days after receipt by the trustee of the notice of the proposed payment. (Indenture, Section 307.)

Principal, premium, if any, and interest on the notes at maturity will be payable upon presentation of the notes at the corporate trust office of U.S. Bank National Association, in The City of New York, as our paying agent. We may change the place of payment on the notes, and may appoint one or more additional paying agents (including ourselves) and may remove any paying agent, all at our discretion after giving prompt written notice to the trustee and prompt notice to the holders. (Indenture, Section 602.)

We will pay principal, premium, if any, and interest due on the notes in the form of global securities to DTC or its nominee in immediately available funds. DTC will then make payment to its participants for disbursement to the beneficial owners of the notes as described under “— Book-Entry Only Issuance — The Depository Trust Company.”

Registration and Transfer

The transfer of notes may be registered, and notes may be exchanged for other notes of the same series, of authorized denominations and with the same terms and principal amount, at the offices of the trustee in The City of New York. We may change the place for registration of transfer and exchange of the notes and may designate additional places for registration and exchange after giving prompt written notice to the trustee and prompt notice to the holders. (Indenture, Section 602.) No service charge will be made for any transfer or exchange of the notes. However, we may require payment to cover any tax or other governmental charge that may be imposed. We will not be required to execute or to provide for the registration of transfer of, or the exchange of, (a) any notes during the 15 days before giving any notice of redemption, (b) any note during the 15 days before an interest payment date or (c) any note selected for redemption except the unredeemed portion of any note being redeemed in part. (Indenture, Section 305.)

Limitation on Secured Debt

So long as any Indenture Securities of any series remain outstanding with respect to which this covenant is specified as benefitting, we will not create, issue, incur or assume any Secured Debt other than Permitted Secured Debt (in each case as defined below); provided, that this covenant will not prohibit the creation, issuance, incurrence or assumption of any Secured Debt if either:

- (a) we make effective provision whereby all Indenture Securities then outstanding shall be secured equally and ratably with such Secured Debt through the Release Date (as defined below); or
- (b) we deliver to the trustee to hold through the Release Date bonds, notes or other evidences of indebtedness secured by the Lien (as defined below) which secures such Secured Debt in an aggregate

principal amount equal to the aggregate principal amount of the Indenture Securities then outstanding and meeting certain other requirements set forth in the indenture.

This covenant is included in the indenture solely for the benefit of series of Indenture Securities which are designated as “Benefitted Securities” as contemplated by the indenture. The notes being offered hereby will be designated as Benefitted Securities.

Certain Definitions

“Capital Lease Obligations” means obligations under any of our lease agreements (including any lease intended as security) which, under generally accepted accounting principles as in effect at the time such lease is entered, are required to be capitalized on our balance sheet and which shall include the Existing Capital Lease Obligations.

“Debt” means:

- (i) our indebtedness for borrowed money evidenced by a bond, debenture, note or other written instrument or agreement by which we are obligated to repay such borrowed money;
- (ii) any guaranty by us of any such indebtedness of another Person; and
- (iii) Capital Lease Obligations.

“Debt” does not include, among other things, (x) our indebtedness under any installment sale or conditional sale agreement or any other agreement relating to indebtedness for the deferred purchase price of property or services, (y) our obligations under any lease agreement which are not Capital Lease Obligations, or (z) liabilities secured by any Lien on any property owned by us if and to the extent that we have not assumed or otherwise become liable for the payment thereof.

“Excepted Property” includes, among other things, cash, deposit accounts, securities accounts, securities entitlements, commodity accounts, securities; contracts, leases and other agreements of all kinds; contract rights, bills, notes and other instruments; revenues, accounts and accounts receivable and unbilled revenues, claims, demands and judgments; governmental and other licenses, permits, franchises, consents and allowances; certain intellectual property rights and other general intangibles; vehicles, movable equipment and aircraft; all goods, stock in trade, wares, merchandise and inventory held for sale or lease in the ordinary course of business; materials, supplies, inventory and other personal property consumable in the operation of any of our property; fuel; portable tools and equipment; furniture and furnishings; computers and data processing, telecommunications and other facilities used primarily for administrative or clerical purposes or are otherwise not necessary for the operation or maintenance of electric, gas or water utility facilities; coal, ore, gas, oil and other minerals and timber; electric energy, gas (natural or artificial), steam, water and other products generated, produced, manufactured, purchased or otherwise acquired by us; real property, gas wells, pipe lines, and other facilities used primarily for the production or gathering of natural gas; all property which is the subject of a lease agreement designating us as lessee and the our interest in such property and such lease agreement, except for the property which is subject to a lease agreement for which our obligations under such lease are Capital Lease Obligations; and all property that is not located in the State of Arizona or the State of New Mexico and is not used by us in the business of the generation, transmission and/or distribution of electric energy.

“Existing Capital Lease Obligations” means our obligations under the lease agreements which were capitalized on our consolidated balance sheet as of September 30, 2011.

“Lien” means any mortgage, deed of trust, pledge, security interest, conditional sale or other title retention agreement or any lease in the nature thereof.

“Mortgage Bonds” means bonds, notes or other obligations issued under a Mortgage Indenture.

“Mortgage Indenture” means (i) our mortgage indenture, as such indenture has been heretofore and is hereafter amended and supplemented and (ii) any other indenture, mortgage and/or deed of trust (a) executed and delivered by us subsequent to the date of the indenture in which we grant a lien on our properties used in the generation, transmission and/or distribution of electric energy, whether such indenture, mortgage or deed of trust is in addition to, or in replacement of, our mortgage indenture and (b) which has been designated by us in a written notice to the trustee as a “Mortgage Indenture”.

“Permitted Secured Debt” means, as of any particular time, any of the following:

(i) Secured Debt which matures less than one year from the date of the issuance or incurrence thereof and is not extendible at the option of the issuer; and any refundings, refinancings and/or replacements of any such Secured Debt by or with similar Secured Debt;

(ii) Secured Debt secured by Purchase Money Liens or any other Liens existing or placed upon property at the time of, or within one hundred eighty (180) days after, the acquisition thereof by us, and any refundings, refinancings and/or replacements of any such Secured Debt; provided, however, that no such Purchase Money Lien or other Lien shall extend to or cover any of our property other than (A) the property so acquired and improvements, extensions and additions to such property and renewals, replacements and substitutions of or for such property or any part or parts thereof and (B) with respect to Purchase Money Liens, other property subsequently acquired by us;

(iii) Secured Debt originally issued by an entity with or into which we merge or consolidate which is secured by a Lien existing at the time of such merger or consolidation, and any refundings, refinancings and/or replacements of any such Secured Debt; provided, however, that no such Lien shall extend to or cover any of our property (as constituted immediately prior to such merger or consolidation) other than the property subject to such Liens immediately prior to such merger or consolidation and improvements, extensions and additions to such property and renewals, replacements and substitutions of or for such property or any part or parts thereof;

(iv) the Mortgage Bonds issued and outstanding as of the date of the initial issuance of the first series of Benefitted Securities issued under the indenture and any refundings, refinancings and/or replacements of any such Mortgage Bonds within forty-five (45) days of the retirement of such Mortgage Bonds by or with other Mortgage Bonds (which Mortgage Bonds may evidence or secure our other Debt);

(v) the Existing Capital Lease Obligations;

(vi) Secured Debt relating to governmental obligations the interest on which is not included in gross income for purposes of federal income taxation, issued for the purpose of financing or refinancing, in whole or in part, costs of acquisition or construction of property to be used by us, to the extent that the Lien which secures such Secured Debt is required either by applicable law or by the issuer of such governmental obligations or is otherwise necessary in order to establish or maintain such exclusion from gross income; and any refundings, refinancings and/or replacements of any such Secured Debt by or with similar Secured Debt;

(vii) Secured Debt (A) which is related to the construction or acquisition of property not previously owned by us or (B) which is related to the financing of a project involving the development or expansion of our property and (C) in either case, the obligee in respect of which has no recourse to us or any of our property other than the property constructed or acquired with the proceeds of such transaction or the project financed with the proceeds of such transaction (or the proceeds of such property or such project); and any refundings, refinancings and/or replacements of any such Secured Debt by or with Secured Debt described in clause (C) above;

(viii) Secured Debt permitted under clause (b) of the first paragraph under this heading “Limitation on Secured Debt”; and

(ix) in addition to the Permitted Secured Debt described in clauses (i) through (viii) above, Secured Debt not otherwise permitted constituting "Permitted Secured Debt" in an aggregate principal amount not exceeding the greater of (a) 10% of our Tangible Assets and (b) 10% of Total Capitalization, each as shown on our consolidated balance sheet dated as of the end of our latest fiscal quarter prior to the date of the creation, issuance, incurrence or assumption of such Secured Debt. Based upon our consolidated balance sheet as of June 30, 2012, approximately \$335 million aggregate principal amount of Secured Debt would be permitted by the provisions described in this clause.

"Person" means any individual, corporation (as defined in the indenture), partnership, limited liability partnership, joint venture, trust or unincorporated organization or any governmental authority.

"Purchase Money Lien" means, with respect to any property being acquired by us, a Lien on such property which

(i) is taken or retained by the transferor of such property to secure all or part of the purchase price thereof;

(ii) is granted to one or more Persons other than the transferor which, by making advances or incurring an obligation, give value to enable the grantor of such Lien to acquire rights in or the use of such property;

(iii) is held by a trustee or agent for the benefit of one or more Persons described in clause (i) or (ii) above, provided that such Lien may be held, in addition, for the benefit of one or more other Persons which shall have theretofore given, or may thereafter give, value to or for the benefit or account of the grantor of such Lien for one or more other purposes; or

(iv) otherwise constitutes a purchase money mortgage or a purchase money security interest under applicable law;

and, without limiting the generality of the foregoing, for purposes of the indenture, the term Purchase Money Lien will be deemed to include any Lien described above whether or not such Lien (A) shall permit the issuance or other incurrence of additional indebtedness secured by such Lien on such property, (B) shall permit the subjection to such Lien of additional property and the issuance or other incurrence of additional indebtedness on the basis thereof and/or (C) shall have been granted prior to the acquisition of such property, shall attach to or otherwise cover property other than the property being acquired and/or shall secure obligations issued prior and/or subsequent to the issuance of the obligations delivered in connection with such acquisition.

"Release Date" means the date, if any, following the election by us of either of the alternatives described in clause (a) or (b) of the first paragraph under this heading "Limitation on Secured Debt" on which either no Benefitted Securities shall remain outstanding or no Secured Debt is then outstanding (other than the Indenture Securities) that, following the Release Date, will benefit from the Lien then securing the Indenture Securities or bonds, notes or other evidences of indebtedness described in such clause (b) held by the trustee.

"San Carlos" means San Carlos Resources Inc. At the date of this prospectus supplement, San Carlos is our direct, wholly-owned subsidiary which holds title to Unit 2 of the Springerville Generation Station. For purposes of the limitation on Secured Debt described under this heading, as long as San Carlos remains, directly or indirectly, our majority-owned subsidiary, the provisions of the limitations on Secured Debt described under this heading will apply to Debt of San Carlos and Liens on the property of San Carlos, and the capital stock of San Carlos held by us will not be deemed to be Excepted Property.

"Secured Debt" means Debt created, issued, incurred or assumed by us which is secured by a Lien upon any of our property (other than Excepted Property), real, personal or mixed, of whatever kind or nature and wherever located, whether owned at the date of the initial authentication and delivery of the Indenture Securities or

thereafter acquired. For the purpose of the limitation on Secured Debt covenant described under this heading, any of our Capitalized Lease Obligations will be deemed to be Debt secured by the Lien on our property.

“Tangible Assets” means (i) total assets of us and our consolidated subsidiaries minus (ii) the aggregate amount of all intangible assets (other than intangible assets the cost of which is expected by us to be recovered through revenues from the sale of electrical capacity and/or energy or the provision of related services), in each case as shown on our consolidated balance sheet, all as determined in accordance with generally accepted accounting principles as applied to entities conducting the same businesses as us.

“Total Capitalization” means the total of all the following items appearing on, or included in, our consolidated balance sheet; (i) liabilities for indebtedness maturing more than 12 months from the date of determination, and (ii) common stock, common stock expense, accumulated other comprehensive income or loss, preferred stock, preference stock, premium on common stock and retained earnings (however the foregoing may be designated), less, to the extent not otherwise deducted, the cost of our shares held in our treasury, if any, all as determined in accordance with generally accepted accounting principles as applied to entities conducting the same businesses as us.

(Indenture, Section 605.)

Satisfaction and Discharge

Subject to certain conditions (including conditions set forth in the officer’s certificate establishing the notes), we will be discharged from our obligations in respect of the notes if we irrevocably deposit with the trustee sufficient cash or government securities to pay the principal, interest, any premium and any other sums when due on the stated maturity date or a redemption date of such notes. (Indenture, Section 701.)

Consolidation, Merger and Sale of Assets

The indenture provides that we may not consolidate with or merge into any other Person or convey, transfer or lease our properties and assets substantially as an entirety to any corporation (as defined in the indenture), unless:

- the surviving or successor entity or an entity which acquires by conveyance or transfer or which leases our properties and assets substantially as an entirety is a corporation organized and validly existing under the laws of the United States of America or any state thereof or the District of Columbia and it expressly assumes our obligations on all Indenture Securities, including the notes, and under the indenture;
- immediately after giving effect to the transaction, no event of default under the indenture or no event which, after notice or lapse of time or both, would become an event of default, shall have occurred and be continuing; and
- we have delivered to the trustee an officer’s certificate and an opinion of counsel as provided in the indenture.

For purposes of the indenture, the conveyance, other transfer, or lease by us of all of our facilities (a) for the generation of electric energy, (b) for the transmission of electric energy or (c) for the distribution of electric energy, in each case considered alone, or all of our facilities described in clauses (a) and (b), considered together, or all of our facilities described in clauses (b) and (c), considered together, shall in no event be deemed to constitute a conveyance or other transfer of all of our properties, as or substantially as an entirety, unless, immediately following such conveyance, transfer or lease, we shall own no unleased properties in the other such categories of property not so conveyed or otherwise transferred or leased. (Indenture, Section 1101.)

Upon the consummation of any such transaction, the surviving or successor entity will succeed to our rights and powers under the indenture and, except in the case of a lease, we shall be relieved of all obligations and covenants under the indenture and the outstanding Indenture Securities. (Indenture, Section 1102.) The terms of the

indenture do not restrict us in, among other situations, a merger in which we are the surviving entity. (Indenture, Section 1103.)

Events of Default

“Event of default” when used in the indenture with respect to any series of Indenture Securities, including the notes, means any of the following:

- failure to pay interest on any Indenture Security for 30 days after it is due and payable;
- failure to pay the principal of or any premium on any Indenture Security when due and payable;
- failure to perform any other covenant in the indenture, other than a covenant that does not relate to that series of Indenture Securities, that continues for 90 days after we receive written notice from the trustee, or we and the trustee receive a written notice from the holders of 33% in aggregate principal amount of the Indenture Securities of that series; or
- events of bankruptcy, insolvency or reorganization relating to us specified in the indenture.

In the case of the third event of default listed above, the trustee may extend the grace period. In addition, if registered owners of a particular series have given a notice of default, then registered owners of at least the same percentage of Indenture Securities of that series, together with the trustee, may also extend the grace period. The grace period will be automatically extended if we have initiated and are diligently pursuing corrective action and we have given a written notice of such corrective action to the trustee within such period. (Indenture, Section 801.)

The trustee shall give notice of any default with respect to any Indenture Securities of any series to holders of Indenture Securities of such series in a manner and to the extent required by the Trust Indenture Act of 1939. However, except in the case of a default in the payment of principal, premium or interest on any Indenture Security or in the payment of any sinking fund deposit with respect to any Indenture Security, the Trustee may withhold such notice if it is determined in good faith that the withholding of such notice would be in the interests of the holders of Indenture Securities of such series. (Indenture, Section 902.)

Remedies

Acceleration of Maturity

If an event of default applicable to the Indenture Securities of any series but not applicable to other series of outstanding Indenture Securities occurs and continues, either the trustee or the holders of a majority in aggregate principal amount of the Indenture Securities of such series may then declare the principal amount of all Indenture Securities of such series and interest accrued thereon to be due and payable immediately. However, under the indenture, some Indenture Securities may provide for a specified amount less than their entire principal amount to be due and payable upon that declaration. These Indenture Securities are defined as “Discount Securities” in the indenture.

If an event of default applicable to outstanding Indenture Securities of more than one series exists, either the trustee or the holders of a majority in aggregate principal amount of all Indenture Securities then outstanding of all such series, considered as one class, and not the holders of the Indenture Securities of any one of such series, may declare the principal of all Indenture Securities of all such series and interest accrued thereon to be due and payable immediately. As a consequence of each such declaration with respect to Indenture Securities of any series, the principal amount of, or specified portion thereof in the case of Discount Securities, such Indenture Securities and interest accrued thereon shall become due and payable immediately.

Rescission of Acceleration

At any time after a declaration of acceleration with respect to the Indenture Securities of any series has been made and before a judgment or decree for payment of the money due has been obtained, the event of default under the indenture giving rise to the declaration of acceleration will be considered waived, and the declaration and its consequences will be considered automatically rescinded and annulled, if:

- we have paid or deposited with the trustee a sum sufficient to pay:
 - (i) all overdue interest on all Indenture Securities of the series;
 - (ii) the principal of and premium, if any, on any Indenture Securities of the series, which have otherwise become due and interest thereon that is currently due;
 - (iii) interest on overdue interest, to the extent payment is lawful; and
 - (iv) all amounts due to the trustee under the indenture; and
- any other event of default under the indenture with respect to the Indenture Securities of that series, other than the non-payment of principal of such series which shall have become due solely by such declaration of acceleration, has been cured or waived as provided in the indenture.

However, no such waiver or rescission and annulment shall extend to or shall affect any subsequent default or impair any related right. (Indenture, Section 802.)

Control by Holders

Subject to the indenture, if an Event of Default with respect to the Indenture Securities of any one series occurs and is continuing, the holders of a majority in principal amount of the outstanding Indenture Securities of that series will have the right to

- direct the time, method and place of conducting any proceeding for any remedy available to the Trustee, or
- exercise any trust or power conferred on the Trustee with respect to the Indenture Securities of such series.

If an Event of Default is continuing with respect to the more than one series of Indenture Securities, the holders of a majority in aggregate principal amount of the outstanding Indenture Securities of all such series, considered as one class, will have the right to make such direction, and not the holders of the Indenture Securities of any one of such series.

The rights of holders to make direction are subject to the following limitations:

- the holders' directions may not conflict with any law or the indenture; and
- the Trustee shall be entitled to receive from such holders security or indemnity satisfactory to it against such costs, expenses, and liabilities which might be incurred by it in compliance with any such direction.

(Indenture, Section 812.)

Limitation on Right to Institute Proceedings

No holder of Indenture Securities of any series will have any right to institute any proceeding under the indenture, or any remedy under the indenture, unless:

- the holder has previously given to the trustee written notice of a continuing event of default under the indenture;
- the holders of a majority in aggregate principal amount of the outstanding Indenture Securities of all series in respect of which an event of default under the indenture shall have occurred and be continuing, considered as one class, have made a written request to the trustee, and have offered indemnity to the trustee, such indemnity satisfactory to the trustee, to institute proceedings;
- the trustee has failed to institute any proceeding for 60 days after receipt of such notice, request and offer of indemnity; and
- no direction inconsistent with such written request shall have been given to the trustee during that 60-day period by the holders of a majority in aggregate principal amount of the outstanding Indenture Securities of all series in respect of which an event of default shall have occurred and be continuing, considered as one class.

No one or more of such holders shall have any right in any manner to affect or prejudice the rights of other such holders or obtain priority over other such holders. (Indenture, Section 807.)

However, these limitations do not apply to a suit by a holder of an Indenture Security for payment of the principal, premium, if any, or interest on the Indenture Security on or after the applicable due date. (Indenture, Section 808.)

The trustee is not obligated to exercise any of its rights or powers under the indenture at the request, order or direction of any of the holders, unless the holders offer the trustee indemnity satisfactory to it against the costs, expenses and liabilities which might be incurred by it in compliance with any such direction. (Indenture, Section 903.)

Waiver of Default or Compliance

The holders of a majority in aggregate principal amount of the Indenture Securities of all series then outstanding and affected, considered as one class, may waive compliance by us with some restrictive provisions of the indenture. (Indenture, Section 607.) The holders of a majority in aggregate principal amount of the outstanding Indenture Securities of any series may waive any past default under the indenture with respect to that series, except a default in the payment of principal, premium, if any, or interest and certain covenants and provisions of the indenture that cannot be modified or be amended without the consent of the holder of each outstanding Indenture Security of the series affected. (Indenture, Section 813.)

Modification and Waiver

Amendments Without Consent of Holders

Without the consent of any holder of Indenture Securities issued under the indenture, including holders of the notes, we and the trustee may enter into one or more supplemental indentures for any of the following purposes:

- to evidence the assumption by any permitted successor of our covenants in the indenture and in the Indenture Securities;
- to add additional covenants or other provisions for the benefit of the holders of all or any series of Indenture Securities or for us to surrender any right or power under the indenture;

- to add additional events of default under the indenture for all or any series of Indenture Securities;
- to change or eliminate or add any provision to the indenture; provided, however, if the change, elimination or addition will adversely affect the interests of the holders of Indenture Securities of any series in any material respect, the change, elimination or addition will become effective only:
 - (i) when the consent of the holders of Indenture Securities of such series has been obtained in accordance with the indenture; or
 - (ii) when no Indenture Securities of the affected series remain outstanding under the indenture;
- to provide collateral security for all but not part of the Indenture Securities, which may include supplemental indentures entered into to effect the collateral provisions described in clauses (a) and (b) of the first paragraph under the heading "Limitation on Secured Debt" above;
- to establish the form or terms of Indenture Securities of any series as permitted by the indenture;
- to provide for the authentication and delivery of bearer securities and any coupons appertaining thereto;
- to evidence and provide for the acceptance of appointment of a successor trustee;
- to provide for the procedures required for use of a noncertificated system of registration for the Indenture Securities of all or any series;
- to change any place where principal, premium, if any, and interest shall be payable, Indenture Securities may be surrendered for registration of transfer or exchange and notices and demands to us may be served;
- to amend and restate the indenture as originally executed and as amended from time to time, with additions, deletions and other changes that do not adversely affect the interests of the holders of Indenture Securities of any series in any material respect; or
- to cure any ambiguity, to correct or supplement any defect or inconsistency or to make any other changes or to add provisions with respect to matters and questions arising under the indenture; provided that such other changes or additions do not adversely affect the interests of the holders of Indenture Securities of any series in any material respect.

(Indenture, Section 1201.)

Amendments With Consent of Holders

The consent of the holders of a majority in aggregate principal amount of the Indenture Securities of all series then outstanding is required for all other modifications to the indenture. However, if less than all of the series of Indenture Securities outstanding are directly affected by a proposed supplemental indenture, then only the consent of the holders of a majority in aggregate principal amount of all series that are directly affected, considered as one class, will be required. No such amendment or modification may:

- change the stated maturity of the principal of, or any installment of principal of or interest on, any Indenture Security, or reduce the principal amount of any Indenture Security or its rate of interest or change the method of calculating the interest rate or reduce any premium payable upon redemption, or change the currency in which payments are made, or impair the right to institute suit for the enforcement of any payment on or after the stated maturity of any Indenture Security, without the consent of the holder;

- reduce the percentage in principal amount of the outstanding Indenture Securities of any series the consent of the holders of which is required for any supplemental indenture or any waiver of compliance with a provision of the indenture or any default thereunder and its consequences, or reduce the requirements for quorum or voting, without the consent of all the holders of the series; or
- modify some of the provisions of the indenture relating to supplemental indentures, waivers of some covenants and waivers of past defaults with respect to the Indenture Securities of any series, without the consent of the holder of each outstanding Indenture Security affected thereby. (Indenture, Section 1202.)

An officer's certificate or supplemental indenture which changes the indenture solely for the benefit of one or more particular series of Indenture Securities, or modifies the rights of the holders of Indenture Securities of one or more series, will not affect the rights under the indenture of the holders of the Indenture Securities of any other series. (Indenture, Section 1202 and Section 102.)

The indenture provides that Indenture Securities owned by us or any other obligor or by any Person directly or indirectly controlling or controlled by or under direct or indirect common control with us or such obligor shall be disregarded and considered not to be outstanding in determining whether the required holders have given a request or consent. (Indenture, Section 101.)

We may fix in advance a record date to determine the required number of holders entitled to give any request, demand, authorization, direction, notice, consent, waiver or other such act of the holders, but we shall have no obligation to do so. If we fix a record date, that request, demand, authorization, direction, notice, consent, waiver or other act of the holders may be given before or after that record date, but only the holders of record at the close of business on that record date will be considered holders for the purposes of determining whether holders of the required percentage of the outstanding Indenture Securities have authorized or agreed or consented to the request, demand, authorization, direction, notice, consent, waiver or other act of the holders. For that purpose, the outstanding Indenture Securities shall be computed as of the record date. Any request, demand, authorization, direction, notice, consent, election, waiver or other act of a holder will bind every future holder of the same Indenture Securities and the holder of every Indenture Security issued upon the registration of transfer of or in exchange of these Indenture Securities. A transferee will be bound by acts of the trustee or us in reliance thereon, whether or not notation of that action is made upon the Indenture Security. (Indenture, Section 104.)

Evidence of Compliance

We have agreed under the indenture to provide to the trustee, commencing May 1, 2012, an annual statement by an appropriate officer as to our compliance with all conditions and covenants under the indenture. (Indenture, Section 606.)

Duties of Trustee; Resignation or Removal of Trustee

The trustee will have, and will be subject to, all the duties and responsibilities specified with respect to an indenture trustee under the Trust Indenture Act of 1939.

The trustee may resign at any time by giving written notice to us or may be removed at any time by act of the holders of a majority in aggregate principal amount of any series of Indenture Securities then outstanding delivered to the trustee and us. No resignation or removal of a trustee and no appointment of a successor trustee will be effective until the acceptance of appointment by a successor trustee.

So long as no event of default or event which, after notice or lapse of time, or both, would become an event of default has occurred and is continuing and except with respect to a trustee appointed by act of the holders, if we have delivered to the trustee a resolution of our Board of Directors appointing a successor trustee and such successor has accepted the appointment in accordance with the terms of the indenture, the trustee will be deemed to have

resigned and the successor will be deemed to have been appointed as trustee in accordance with the indenture. (Indenture, Section 910.)

Notices

Notices to holders of notes will be given by mail to the addresses of such holders as they may appear in the security register for notes. (Indenture, Section 106.)

Title

We, the trustee, and any of our agents or agents of the trustee, may treat the Person in whose name notes are registered as the absolute owner thereof, whether or not the notes may be overdue, for the purpose of making payments and for all other purposes irrespective of notice to the contrary. (Indenture, Section 308.)

Governing Law

The indenture and the notes will be governed by, and construed in accordance with, the laws of the State of New York. (Indenture, Section 112.)

Information about the Trustee

An affiliate of U.S. Bank National Association is the trustee under various indentures and ordinances relating to pollution control and industrial revenue development bonds issued by various government bodies, the net proceeds of which have been made available to us.

Book-Entry Only Issuance — The Depository Trust Company

The notes will be represented by one or more global certificates, or Global Certificates, which will be issued in definitive, fully registered, book-entry form. The Global Certificate will be deposited with or on behalf of DTC and registered in the name of Cede & Co., as nominee of DTC, or will remain in the custody of the Trustee pursuant to a FAST Balance Certificate Agreement between DTC and the Trustee. Upon the issuance of the Global Certificates, DTC or its nominee will credit, on its internal system, the principal amount of the individual beneficial interests represented by such Global Certificate to the accounts of persons who have accounts with such depository. Such accounts initially will be designated by or on behalf of the underwriters. Ownership of beneficial interests in a Global Certificate will be shown on, and transfer of that ownership will be effected only through, records maintained by DTC or its nominee (with respect to interests of participants) and the records of participants (with respect to interests of persons other than participants).

So long as DTC, or its nominee, is the registered owner or holder of a Global Certificate, DTC or such nominee, as the case may be, will be considered the sole owner or holder of the notes represented by such Global Certificate for all purposes under the indenture and the notes. No beneficial owner of an interest in a Global Certificate will be able to transfer the interest except in accordance with DTC's applicable procedures, in addition to those provided for under the indenture.

Payments of the principal of, premium, if any, and interest on, a Global Certificate will be made to DTC or its nominee, as the case may be, as the registered owner thereof. Neither we, the Trustee nor any paying agent will have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests in a Global Certificate or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests. DTC or its nominee, upon receipt of any payment of principal or interest in respect of a Global Certificate, will credit participants' accounts with payments in amounts proportionate to their respective beneficial interests in the principal amount of such Global Certificate as shown on the records of DTC or its nominee. We also expect that payments by participants to owners of beneficial interests in such Global Certificate held through such participants will be governed by standing instructions and customary practices, as is now the case with securities held for the accounts of customers in bearer form or registered in "street name". Such

payments will be the responsibility of such participants and neither we, the Trustee nor any paying agent will have any responsibility therefor.

Transfers between participants in DTC will be effected in the ordinary way in accordance with DTC rules. Accordingly, each person owning a beneficial interest in a note must rely on the procedures of DTC and, if that person is not a DTC participant, on the procedures of the participant through which that person owns its interest, to exercise any rights of a holder of notes. The laws of some jurisdictions require that certain purchasers of securities take physical delivery of the securities in certificated form. These laws may impair the ability to transfer beneficial interests in the notes.

DTC will take any action permitted to be taken by a holder of notes (including the presentation of notes for exchange as described below) only at the direction of one or more participants to whose account the DTC interests in a Global Certificate is credited and only in respect of such portion of the aggregate principal amount of the notes as to which such participant or participants has or have given such direction. However, if there is an Event of Default under the indenture, DTC will exchange a Global Certificate for certificated notes, which it will distribute to its participants.

DTC has advised us that it is a limited-purpose trust company organized under the New York Banking Law, a “banking organization” within the meaning of the New York Banking Law, a member of the Federal Reserve System, a “clearing corporation” within the meaning of the New York Uniform Commercial Code and a “clearing agency” registered pursuant to the provisions of Section 17A of the Exchange Act. DTC was created to hold securities for its participants and facilitate the clearance and settlement of securities transactions between participants through electronic book-entry changes in accounts of its participants, thereby eliminating the need for physical movement of securities certificates. Participants include securities brokers and dealers, banks, trust companies and clearing corporations and certain other organizations. Indirect access to the DTC system is available to others such as banks, brokers, dealers and trust companies that clear through or maintain a custodial relationship with a participant, either directly or indirectly (indirect participants). The rules applicable to DTC and its participants are on file with the SEC.

Although DTC is expected to follow the foregoing procedures in order to facilitate transfers of interests in the notes represented by a Global Certificate among its participants, it is under no obligation to perform or continue to perform such procedures, and such procedures may be discontinued at any time. Neither we nor the Trustee will have any responsibility for the performance by DTC or its participants or indirect participants of their respective obligations under the rules and procedures governing their operations.

If DTC is at any time unwilling or unable to continue as a depository for a Global Certificate and a successor depository is not appointed by us within 90 days, we will issue certificated notes, in registered form only, in exchange for a Global Certificate.

Settlement for the notes will be made by the underwriters in immediately available funds. All payments of principal and interest will be made by us in immediately available funds.

The information under this caption “—Book-Entry Only Issuance – The Depository Trust Company” concerning DTC and DTC’s book-entry system is based upon information provided by DTC. We have provided the foregoing descriptions of the operations and procedures of DTC solely as a matter of convenience. The operations and procedures are solely within the control of DTC and are subject to change by DTC from time to time. You are urged to contact DTC or its participants directly to discuss these matters.

UNDERWRITING (CONFLICTS OF INTEREST)

J.P. Morgan Securities LLC and Mitsubishi UFJ Securities (USA), Inc. are acting as representatives of the underwriters named below. Subject to the terms and conditions stated in the underwriting agreement dated the date of this prospectus supplement, each underwriter named below has agreed to purchase, severally and not jointly, and we have agreed to sell to each underwriter, the principal amount of notes set forth opposite each underwriter's name:

Underwriters	Principal Amount
J.P. Morgan Securities LLC	\$ 60,000,000
Mitsubishi UFJ Securities (USA), Inc.	52,500,000
Scotia Capital (USA) Inc.	15,000,000
U.S. Bancorp Investments, Inc.	15,000,000
Comerica Securities, Inc.	7,500,000
Total	\$ 150,000,000

The underwriting agreement provides that the underwriters are obligated to purchase all of the notes if any are purchased. The underwriting agreement also provides that if an underwriter defaults, either the purchase commitments of non-defaulting underwriters may be increased or the offering of notes may be terminated, depending on the amount of notes to which the default relates.

The underwriters propose to offer the notes to the public initially at the public offering price on the cover page of this prospectus supplement and may offer the notes to certain securities dealers at such price less a concession not in excess of 0.40% of the principal amount of the notes. The underwriters may allow, and such dealers may reallow, a concession not in excess of 0.25% of the principal amount of the notes on sales to certain other brokers and dealers. After the initial offering, the offering price and other selling terms may change. The following table shows the underwriting discount we will pay to the underwriters in respect to this offering:

Per note	0.65%
Total	\$975,000

The expenses of the offering, not including the underwriting discount, are estimated to be \$275,000 and are payable by us.

The underwriters are offering the notes, subject to prior sale, when, as, and if issued to and accepted by them, subject to approval of legal matters by their counsel and other conditions contained in the underwriting agreement, such as the receipt by the underwriters of officers' certificates and legal opinions. The underwriters reserve the right to withdraw, cancel or modify offers to investors and to reject orders in whole or in part.

Under the underwriting agreement, we have agreed to indemnify the underwriters against certain liabilities under the Securities Act, or to contribute to payments the underwriters may be required to make in respect of those liabilities.

In connection with the offering of the notes, the underwriters may engage in transactions that stabilize, maintain or otherwise affect the price of the notes. Specifically, the underwriters may over allot in connection with the offering, creating a short position in the notes. In addition, the underwriters may bid for, and purchase, the notes in the open market to cover short positions or to stabilize the price of the notes. Any of these activities may stabilize or maintain the market price of the notes above independent market levels, but no representation or prediction is made of the magnitude or the direction of any effect that the transactions described above may have on the market price of the notes. The underwriters are not required to engage in these activities, and, if commenced, may end any of these activities at any time without notice.

The underwriters also may impose a penalty bid. This occurs when a particular underwriter repays to the underwriters a portion of the underwriting discount received by it because the representatives have repurchased notes sold by or for the account of such underwriter in stabilizing or short-covering transactions.

The notes will be a new issue of securities for which currently there is no trading market. We do not intend to apply for the listing or quotation of the notes on any securities exchange or market. Although the underwriters have indicated that they intend to make a market in the notes in a manner permitted under applicable securities laws, the underwriters are not obligated to do so, and any such market making may be discontinued at any time without notice. In addition, market-making activity will be subject to the limits imposed by the Securities Act and the Exchange Act. Accordingly, there can be no assurance as to the existence, development, maintenance, or liquidity of any trading market for the notes.

The underwriters or their respective affiliates have in the past provided, and may in the future provide, investment banking, commercial banking, financial advisory or other services to us and our affiliates for which they have received, or expect to receive, customary fees.

In addition, in the ordinary course of their business activities, the underwriters and their affiliates may make or hold a broad array of investments and actively trade debt and equity securities (or related derivative securities) and financial instruments (including bank loans) for their own account and for the accounts of their customers. Such investments and securities activities may involve securities and/or instruments of ours or our affiliates. Certain of the underwriters or their affiliates that have a lending relationship with us routinely hedge their credit exposure to us consistent with their customary risk management policies. Typically, such underwriters and their affiliates would hedge such exposure by entering into transactions which consist of either the purchase of credit default swaps or the creation of short positions in our securities, including potentially the notes offered hereby. Any such short positions could adversely affect future trading prices of the notes offered hereby. The underwriters and their affiliates may also make investment recommendations and/or publish or express independent research views in respect of such securities or financial instruments and may hold, or recommend to clients that they acquire, long and/or short positions in such securities and instruments.

Conflict of Interest

The underwriters or their respective affiliates are lenders under our revolver which we intend to repay using the net proceeds of this offering. As a consequence the underwriters or their respective affiliates are expected to receive more than 5% of the net proceeds of the offering, and accordingly are deemed to have a conflict of interest under FINRA Rule 5121 (Public Offerings of Securities with Conflicts of Interest). As a result, the underwriters will conduct the distribution of the notes in accordance with FINRA Rule 5121 and will not confirm sales to an account over which they exercise discretionary authority without first receiving specific written approval from the account holder.

LEGAL MATTERS

Certain legal matters will be passed upon for us by Todd C. Hixon, our Vice President and General Counsel, and by Morgan Lewis & Bockius LLP, New York, New York, our special New York counsel, and for the underwriters by Pillsbury Winthrop Shaw Pittman LLP, New York, New York.

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PROSPECTUS

Tucson Electric Power Company **Unsecured Debt Securities**

We may periodically offer our unsecured debt securities (the “debt securities”) in one or more series. We will determine the price and other terms of each series of securities when sold, including whether any series will be subject to redemption prior to maturity.

The debt securities will not be secured and no series of debt securities will be listed on a national securities exchange unless otherwise indicated in the prospectus supplement relating to that series.

We will make interest payments on the debt securities of each series in the amounts and on the dates specified in the applicable prospectus supplement.

This prospectus may be used to offer and sell series of debt securities only if accompanied by the prospectus supplement for that series. We will provide the specific information for each offering and the specific terms of the debt securities being offered, including their offering prices, interest rates and maturities, in a supplement to this prospectus relating to that offering. Supplements may also add, update or change the information in this prospectus. You should read this prospectus and the applicable supplement carefully before you invest.

Investing in the debt securities offered by this prospectus involves risks. See “Risk Factors” on page 1.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

We may offer and sell the debt securities directly or through one or more underwriters, agents or dealers. Each prospectus supplement will provide the terms of the plan of distribution for the related series of debt securities.

The date of this prospectus is May 10, 2012.

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RISK FACTORS

Investing in our debt securities involves certain risks. Before making an investment decision, you should carefully consider these risks as well as other information we include or incorporate by reference in this prospectus. In particular, you should carefully consider the information under the heading “Risk Factors” as well as the factors listed under the heading “Safe Harbor for Forward-Looking Statements,” in each case contained in our Annual Report on Form 10-K for our most recent fiscal year, in any Quarterly Reports on Form 10-Q which have been filed since our most recent Annual Report on Form 10-K and in any other documents we file (not furnish) with the SEC under the Exchange Act, each of which is incorporated by reference in this prospectus. You should also be aware that new risks may emerge in the future at any time, and we cannot predict such risks or estimate the extent to which they may affect our financial condition or performance. The prospectus supplement applicable to a specific offering may contain a discussion of additional risks applicable to an investment in us and the debt securities we are offering under that prospectus supplement. Each of the risks described could result in a decrease in the value of the debt securities and your investment therein.

ABOUT THIS PROSPECTUS

This prospectus is part of an automatic shelf registration statement that we filed with the United States Securities and Exchange Commission, or the SEC, as a wholly-owned subsidiary of UNS Energy Corporation, or UNS. By utilizing a shelf registration statement, we may sell, at any time and from time to time, in one or more offerings, the debt securities described in this prospectus. Each time we sell a series of debt securities we will provide a prospectus supplement containing a description of the debt securities we will offer and specific information about the terms of that series of debt securities and the related offering. Any prospectus supplement may also add, update or change information contained in this prospectus. If there is any inconsistency between the information in this prospectus and the prospectus supplement, you should rely on the information in the prospectus supplement. It is important for you to consider the information contained in this prospectus, the related prospectus supplement and the exhibits to the registration statement, together with the additional information referred to under the heading “Where You Can Find More Information” in making your investment decision.

For more detailed information about the debt securities, you should read the exhibits to the registration statement. Those exhibits may be filed with the registration statement or are incorporated by reference to earlier SEC filings listed in the registration statement or will be filed as exhibits to subsequent filings that we may make under the Exchange Act that will be so incorporated by reference.

TUCSON ELECTRIC POWER COMPANY

We were incorporated in the State of Arizona in 1963. We are the principal operating subsidiary of UNS Energy (formerly known as UniSource Energy Corporation). In 2011, our electric utility operations contributed 77% of UNS Energy’s operating revenues and comprised 82% of its assets.

We are a vertically integrated utility that provides regulated electric service to approximately 404,000 retail customers in southeastern Arizona. Our service territory covers 1,155 square miles and includes a population of approximately one million people in the greater Tucson metropolitan area in Pima County, as well as parts of Cochise County. We also sell electricity to other utilities and power marketing entities in the western United States.

TEP provides electric utility service to a diverse group of residential, commercial, industrial, and public sector customers. Major industries served include copper mining, cement manufacturing, defense, health care, education, military bases and other governmental entities.

Our electric utility operations include the wholesale marketing of electricity to other utilities and power marketers. At December 31, 2011, we owned or leased 2,262 MW of net generating capability.

Our principal executive offices are located at 88 E. Broadway Boulevard, Tucson, Arizona 85701. Our telephone number is (520) 571-4000.

WHERE YOU CAN FIND MORE INFORMATION

Available Information

We file reports and other information with the SEC in accordance with the information requirements of the Securities Exchange Act of 1934, as amended, or the Exchange Act. Such reports and other information can be inspected and copied at the Public Reference Room maintained by the SEC at 100 F Street, N.E., Room 1580, Washington, D.C. 20549. You may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. This material is also available from the SEC's website at <http://www.sec.gov> or from the website of our parent corporation, UNS Energy, at <http://ir.UNSEnergy.com>. No information available on UNS Energy's website, other than the reports we file with the SEC pursuant to the Exchange Act, is a part of this prospectus.

Incorporation by Reference

The rules of the SEC allow us to "incorporate by reference" information into this prospectus, which means that we can disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is deemed to be part of this prospectus, and later information that we file with the SEC will automatically update and supersede that information. This prospectus incorporates by reference the documents set forth below that have been previously filed with the SEC, excluding, in each case, information deemed furnished and not filed. These documents contain important information about TEP.

- Annual Report on Form 10-K for the year ended December 31, 2011;
- Quarterly Report on Form 10-Q for the quarter ended March 31, 2012; and
- Current Report on Form 8-K dated March 21, 2012.

We are also incorporating by reference, all documents subsequently filed by us pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act after the date of this prospectus and prior to the time we terminate this offering, excluding, in each case, information deemed furnished and not filed.

We will provide without charge to each person, including any beneficial owner, to whom a copy of this prospectus has been delivered a copy of any and all of these filings. You may request a copy of these filings by writing or telephoning us at:

Tucson Electric Power Company
88 E. Broadway Boulevard
Tucson, Arizona 85701
Telephone: (520) 571-4000

You should rely only on the information incorporated by reference or provided in this prospectus, any accompanying prospectus supplement and any written communication from us specifying the final terms of the offering. We have not authorized anyone else to provide you with different information about us or the debt securities. We are not making an offer of the debt securities in any jurisdiction where the offer is not permitted. You should not assume that the information in this prospectus, any accompanying prospectus supplement or any written communication from us specifying the final terms of the offering is accurate as of any date other than the

date on the front of those documents or that the documents incorporated by reference in this prospectus, any accompanying prospectus supplement or any written communication from us specifying the final terms of the offering are accurate as of any date other than the date those documents were filed with the SEC. Our business, financial condition, results of operations and prospects may have changed since these dates.

RATIO OF EARNINGS TO FIXED CHARGES

The following table contains our consolidated ratio of earnings to fixed charges for the periods indicated. You should read those ratios in connection with our consolidated financial statements, including the notes to those statements incorporated by reference in this prospectus.

	2007	Year Ended December 31,			2011	Three Months Ended March 31, 2012 (2)
		2008	2009	2010		
Ratio of Earnings to Fixed Charges ⁽¹⁾	1.707	1.281	2.479	2.636	2.456	—

(1) Earnings are defined as pre-tax earnings from continuing operations before minority interest, or income/loss from equity method investments, plus interest charges (excluding capitalized interest) and amortization of debt discount and expense related to indebtedness. Fixed charges are interest charges (whether expensed or capitalized), including amortization of debt discount and expense on indebtedness.

(2) For the three months ended March 31, 2012, TEP's Ratio of Earnings to Fixed Charges was less than 1.00. TEP's earnings were deficient by \$3.4 million.

USE OF PROCEEDS

Unless we state otherwise in a prospectus supplement, the net proceeds from the offering of the debt securities will be used either (a) to repurchase or redeem one or more series of our outstanding securities on their stated due dates or in some cases prior to their stated due dates or (b) for other general corporate purposes. The specific purposes for the proceeds of a particular series of debt securities will be described in the prospectus supplement relating to that series.

DESCRIPTION OF THE DEBT SECURITIES

General

This section summarizes terms of the unsecured debt securities (referred to herein as the "Indenture Securities") that we may offer with this prospectus. Most of the specific terms of a series of Indenture Securities will be described in a prospectus supplement attached to this prospectus and may vary from the terms described herein. The summary does not purport to be complete and is subject in all respects to the provisions of, and is qualified in its entirety by reference to, the indenture (as defined below), the form of certificates evidencing a specific series of Indenture Securities issued, the prospectus supplement relating to a specific series of Indenture Securities issued, and the Trust Indenture Act of 1939, as amended. Capitalized terms that are used in the following summary but not defined have the meanings given to those terms in the indenture. The numerical references appearing in parentheses in the following summary are to sections of the indenture.

In this "Description of the Debt Securities" section, references to "we," "our" and "us" mean Tucson Electric Power Company excluding, unless otherwise expressly stated, its subsidiaries.

We will issue Indenture Securities under an indenture between us and U.S. Bank National Association, as trustee (the "Trustee"), dated as of November 1, 2011. The specific terms of each series of Indenture Securities will be established by an officer's certificate or a supplemental indenture.

The indenture has been filed with the SEC and is an exhibit to the registration statement which contains this prospectus. See “WHERE YOU CAN FIND MORE INFORMATION” to find out how to locate our filings with the SEC.

There are existing series of Indenture Securities outstanding under the indenture. For current information on our debt outstanding, see our most recent annual report on Form 10-K, and our quarterly reports on Form 10-Q, if any, since such Form 10-K. See “WHERE YOU CAN FIND MORE INFORMATION.” The indenture permits us to issue an unlimited amount of Indenture Securities from time to time in one or more series. All Indenture Securities of any one series need not be issued at the same time, and, unless restricted, a series may be reopened for issuances of additional Indenture Securities of such series. This means that we may from time to time, without the consent of the holders of the outstanding Indenture Securities, create and issue further Indenture Securities having the same terms and conditions as the outstanding Indenture Securities in all respects, except for issue date, price to public and, if applicable, the initial interest payment. These additional Indenture Securities will be consolidated with, and will form a single series with, the previously outstanding Indenture Securities.

The applicable prospectus supplement will describe the terms for each specific series of Indenture Securities including:

- title of the securities,
- any limit on the aggregate principal amount of the Indenture Securities of that series,
- maturity date,
- interest rate or rates (or the method to calculate such rate),
- remarketing provisions,
- redemption or repurchase provisions,
- whether the Indenture Securities will be subject to any conversion, amortization, or sinking or similar fund,
- if other than the principal amount, the portion of the principal amount payable upon maturity (known as discounted debt securities),
- whether, and on what terms and at what prices, the Indenture Securities may be converted into or exercised or exchanged for any other type of security, and
- any other provisions.

Ranking

The Indenture Securities will be our direct unsecured and unsubordinated general obligations and will rank equally with all of our other existing and future unsecured and unsubordinated debt, will be senior in right of payment to any subordinated debt that we may issue in the future and will be junior to any of our existing and future secured debt, including our mortgage bonds, to the extent of the value of the collateral securing such secured debt. Substantially all of our utility plant assets are subject to the lien and security interest created by our mortgage indenture. The existing and any future mortgage bonds are senior to the Indenture Securities. The indenture does not limit the amount of debt that may be issued under the indenture or the amount of any other debt that would rank *pari passu* with the Indenture Securities.

Payment and Paying Agents

Unless otherwise provided in the applicable prospectus supplement, interest on Indenture Securities payable on each interest payment date will be paid to the Person in whose name the Indenture Securities are registered as of the close of business on the regular record date for the interest payment date, which will be the close of business on the Business Day immediately preceding such interest payment date so long as all of the Indenture Securities of the same series remain in book-entry only form, or on the 15th calendar day immediately preceding

each interest payment date if any of the Indenture Securities of that series do not remain in book-entry only form. However, interest payable at maturity will be paid to the Person to whom the principal is paid. If there has been a default in the payment of interest on any Indenture Securities, other than at maturity, the defaulted interest may be paid to the holder of such Indenture Securities as of the close of business on a date between 10 and 15 days before the date proposed by us for payment of such defaulted interest and not less than 10 days after receipt by the trustee of the notice of the proposed payment. (Indenture, Section 307.)

Principal, premium, if any, and interest on the Indenture Securities at maturity will be payable upon presentation of the Indenture Securities at the corporate trust office of U.S. Bank National Association, in The City of New York, as our paying agent. We may change the place of payment on the Indenture Securities, and may appoint one or more additional paying agents (including ourselves) and may remove any paying agent, all at our discretion after giving prompt written notice to the trustee and prompt notice to the holders. (Indenture, Section 602.)

Unless otherwise provided in the applicable prospectus supplement, we will pay principal, premium, if any, and interest due on the Indenture Securities in the form of global securities to DTC or its nominee in immediately available funds. DTC will then make payment to its participants for disbursement to the beneficial owners of the Indenture Securities as described under “— Book-Entry Only Issuance — The Depository Trust Company.”

Registration and Transfer

The transfer of Indenture Securities may be registered, and Indenture Securities may be exchanged for other Indenture Securities of the same series, of authorized denominations and with the same terms and principal amount, at the offices of the trustee in The City of New York. We may change the place for registration of transfer and exchange of Indenture Securities and may designate additional places for registration and exchange after giving prompt written notice to the trustee and prompt notice to the holders. (Indenture, Section 602.) No service charge will be made for any transfer or exchange of Indenture Securities. However, we may require payment to cover any tax or other governmental charge that may be imposed. We will not be required to execute or to provide for the registration of transfer of, or the exchange of, (a) any Indenture Securities during the 15 days before giving any notice of redemption, (b) any Indenture Securities during the 15 days before an interest payment date or (c) any Indenture Securities selected for redemption except the unredeemed portion of any Indenture Securities being redeemed in part. (Indenture, Section 305.)

Satisfaction and Discharge

Subject to certain conditions, we will be discharged from our obligations in respect of any series of Indenture Securities if we irrevocably deposit with the trustee sufficient cash or government securities to pay the principal, interest, any premium and any other sums when due on the stated maturity date or a redemption date of such Indenture Securities. (Indenture, Section 701.)

Consolidation, Merger and Sale of Assets

The indenture provides that we may not consolidate with or merge into any other Person or convey, transfer or lease our properties and assets substantially as an entirety to any corporation (as defined in the indenture), unless:

- the surviving or successor entity or an entity which acquires by conveyance or transfer or which leases our properties and assets substantially as an entirety is a corporation organized and validly existing under the laws of the United States of America or any state thereof or the District of Columbia and it expressly assumes our obligations on all Indenture Securities and under the indenture;
- immediately after giving effect to the transaction, no event of default under the indenture or no event which, after notice or lapse of time or both, would become an event of default, shall have occurred and be continuing; and

- we have delivered to the trustee an officer's certificate and an opinion of counsel as provided in the indenture.

For purposes of the indenture, the conveyance, other transfer, or lease by us of all of our facilities (a) for the generation of electric energy, (b) for the transmission of electric energy or (c) for the distribution of electric energy, in each case considered alone, or all of our facilities described in clauses (a) and (b), considered together, or all of our facilities described in clauses (b) and (c), considered together, shall in no event be deemed to constitute a conveyance or other transfer of all of our properties, as or substantially as an entirety, unless, immediately following such conveyance, transfer or lease, we shall own no unleased properties in the other such categories of property not so conveyed or otherwise transferred or leased. (Indenture, Section 1101.)

Upon the consummation of any such transaction, the surviving or successor entity will succeed to our rights and powers under the indenture and, except in the case of a lease, we shall be relieved of all obligations and covenants under the indenture and the outstanding Indenture Securities. (Indenture, Section 1102.) The terms of the indenture do not restrict us in, among other situations, a merger in which we are the surviving entity. (Indenture, Section 1103.)

Events of Default

"Event of default" when used in the indenture with respect to any series of Indenture Securities means any of the following:

- failure to pay interest on any Indenture Security for 30 days after it is due and payable;
- failure to pay the principal of or any premium on any Indenture Security when due and payable;
- failure to perform any other covenant in the indenture, other than a covenant that does not relate to that series of Indenture Securities, that continues for 90 days after we receive written notice from the trustee, or we and the trustee receive a written notice from the holders of 33% in aggregate principal amount of the Indenture Securities of that series; or
- events of bankruptcy, insolvency or reorganization relating to us specified in the indenture.

In the case of the third event of default listed above, the trustee may extend the grace period. In addition, if registered owners of a particular series have given a notice of default, then registered owners of at least the same percentage of Indenture Securities of that series, together with the trustee, may also extend the grace period. The grace period will be automatically extended if we have initiated and are diligently pursuing corrective action and we have given a written notice of such corrective action to the trustee within such period. (Indenture, Section 801.)

The trustee shall give notice of any default with respect to any Indenture Securities of any series to holders of Indenture Securities of such series in a manner and to the extent required by the Trust Indenture Act of 1939. However, except in the case of a default in the payment of principal, premium or interest on any Indenture Security or in the payment of any sinking fund deposit with respect to any Indenture Security, the Trustee may withhold such notice if it is determined in good faith that the withholding of such notice would be in the interests of the holders of Indenture Securities of such series. (Indenture, Section 902.)

Remedies

Acceleration of Maturity

If an event of default applicable to the Indenture Securities of any series but not applicable to other series of outstanding Indenture Securities occurs and continues, either the trustee or the holders of a majority in aggregate principal amount of the Indenture Securities of such series may then declare the principal amount of all Indenture Securities of such series and interest accrued thereon to be due and payable immediately. However, under the

indenture, some Indenture Securities may provide for a specified amount less than their entire principal amount to be due and payable upon that declaration. These Indenture Securities are defined as "Discount Securities" in the indenture.

If an event of default applicable to outstanding Indenture Securities of more than one series exists, either the trustee or the holders of a majority in aggregate principal amount of all Indenture Securities then outstanding of all such series, considered as one class, and not the holders of the Indenture Securities of any one of such series, may declare the principal of all Indenture Securities of all such series and interest accrued thereon to be due and payable immediately. As a consequence of each such declaration with respect to Indenture Securities of any series, the principal amount of, or specified portion thereof in the case of Discount Securities, such Indenture Securities and interest accrued thereon shall become due and payable immediately.

Rescission of Acceleration

At any time after a declaration of acceleration with respect to the Indenture Securities of any series has been made and before a judgment or decree for payment of the money due has been obtained, the event of default under the indenture giving rise to the declaration of acceleration will be considered waived, and the declaration and its consequences will be considered automatically rescinded and annulled, if:

- we have paid or deposited with the trustee a sum sufficient to pay:
 - (i) all overdue interest on all Indenture Securities of the series;
 - (ii) the principal of and premium, if any, on any Indenture Securities of the series, which have otherwise become due and interest thereon that is currently due;
 - (iii) interest on overdue interest, to the extent payment is lawful; and
 - (iv) all amounts due to the trustee under the indenture; and
- any other event of default under the indenture with respect to the Indenture Securities of that series, other than the non-payment of principal of such series which shall have become due solely by such declaration of acceleration, has been cured or waived as provided in the indenture.

However, no such waiver or rescission and annulment shall extend to or shall affect any subsequent default or impair any related right. (Indenture, Section 802.)

Control by Holders

Subject to the indenture, if an Event of Default with respect to the Indenture Securities of any one series occurs and is continuing, the holders of a majority in principal amount of the outstanding Indenture Securities of that series will have the right to

- direct the time, method and place of conducting any proceeding for any remedy available to the Trustee, or
- exercise any trust or power conferred on the Trustee with respect to the Indenture Securities of such series.

If an Event of Default is continuing with respect to the more than one series of Indenture Securities, the holders of a majority in aggregate principal amount of the outstanding Indenture Securities of all such series, considered as one class, will have the right to make such direction, and not the holders of the Indenture Securities of any one of such series.

The rights of holders to make direction are subject to the following limitations:

- the holders' directions may not conflict with any law or the indenture; and

- the Trustee shall be entitled to receive from such holders security or indemnity satisfactory to it against such costs, expenses, and liabilities which might be incurred by it in compliance with any such direction.

(Indenture, Section 812.)

Limitation on Right to Institute Proceedings

No holder of Indenture Securities of any series will have any right to institute any proceeding under the indenture, or any remedy under the indenture, unless:

- the holder has previously given to the trustee written notice of a continuing event of default under the indenture;
- the holders of a majority in aggregate principal amount of the outstanding Indenture Securities of all series in respect of which an event of default under the indenture shall have occurred and be continuing, considered as one class, have made a written request to the trustee, and have offered indemnity to the trustee, such indemnity satisfactory to the trustee, to institute proceedings;
- the trustee has failed to institute any proceeding for 60 days after receipt of such notice, request and offer of indemnity; and
- no direction inconsistent with such written request shall have been given to the trustee during that 60-day period by the holders of a majority in aggregate principal amount of the outstanding Indenture Securities of all series in respect of which an event of default shall have occurred and be continuing, considered as one class.

No one or more of such holders shall have any right in any manner to affect or prejudice the rights of other such holders or obtain priority over other such holders. (Indenture, Section 807.)

However, these limitations do not apply to a suit by a holder of an Indenture Security for payment of the principal, premium, if any, or interest on the Indenture Security on or after the applicable due date. (Indenture, Section 808.)

The trustee is not obligated to exercise any of its rights or powers under the indenture at the request, order or direction of any of the holders, unless the holders offer the trustee indemnity satisfactory to it against the costs, expenses and liabilities which might be incurred by it in compliance with any such direction. (Indenture, Section 903.)

Waiver of Default or Compliance

The holders of a majority in aggregate principal amount of the Indenture Securities of all series then outstanding and affected, considered as one class, may waive compliance by us with some restrictive provisions of the indenture. (Indenture, Section 607.) The holders of a majority in aggregate principal amount of the outstanding Indenture Securities of any series may waive any past default under the indenture with respect to that series, except a default in the payment of principal, premium, if any, or interest and certain covenants and provisions of the indenture that cannot be modified or be amended without the consent of the holder of each outstanding Indenture Security of the series affected. (Indenture, Section 813.)

Modification and Waiver

Amendments Without Consent of Holders

Without the consent of any holder of Indenture Securities issued under the indenture, we and the trustee may enter into one or more supplemental indentures for any of the following purposes:

- to evidence the assumption by any permitted successor of our covenants in the indenture and in the Indenture Securities;

- to add additional covenants or other provisions for the benefit of the holders of all or any series of Indenture Securities or for us to surrender any right or power under the indenture;
- to add additional events of default under the indenture for all or any series of Indenture Securities;
- to change or eliminate or add any provision to the indenture; provided, however, if the change, elimination or addition will adversely affect the interests of the holders of Indenture Securities of any series in any material respect, the change, elimination or addition will become effective only:
 - (i) when the consent of the holders of Indenture Securities of such series has been obtained in accordance with the indenture; or
 - (ii) when no Indenture Securities of the affected series remain outstanding under the indenture;
- to provide collateral security for all but not part of the Indenture Securities, which may include supplemental indentures entered into to effect the collateral provisions described in clauses (a) and (b) of the first paragraph under the heading “Limitation on Secured Debt” above;
- to establish the form or terms of Indenture Securities of any series as permitted by the indenture;
- to provide for the authentication and delivery of bearer securities and any coupons appertaining thereto;
- to evidence and provide for the acceptance of appointment of a successor trustee;
- to provide for the procedures required for use of a noncertificated system of registration for the Indenture Securities of all or any series;
- to change any place where principal, premium, if any, and interest shall be payable, Indenture Securities may be surrendered for registration of transfer or exchange and notices and demands to us may be served;
- to amend and restate the indenture as originally executed and as amended from time to time, with additions, deletions and other changes that do not adversely affect the interests of the holders of Indenture Securities of any series in any material respect; or
- to cure any ambiguity, to correct or supplement any defect or inconsistency or to make any other changes or to add provisions with respect to matters and questions arising under the indenture; provided that such other changes or additions do not adversely affect the interests of the holders of Indenture Securities of any series in any material respect.

(Indenture, Section 1201.)

Amendments With Consent of Holders

The consent of the holders of a majority in aggregate principal amount of the Indenture Securities of all series then outstanding is required for all other modifications to the indenture. However, if less than all of the series of Indenture Securities outstanding are directly affected by a proposed supplemental indenture, then only the consent of the holders of a majority in aggregate principal amount of all series that are directly affected, considered as one class, will be required. No such amendment or modification may:

- change the stated maturity of the principal of, or any installment of principal of or interest on, any Indenture Security, or reduce the principal amount of any Indenture Security or its rate of interest or change the method of calculating the interest rate or reduce any premium payable upon redemption, or change the currency in which payments are made, or impair the right to institute suit for the enforcement of any payment on or after the stated maturity of any Indenture Security, without the consent of the holder;
- reduce the percentage in principal amount of the outstanding Indenture Securities of any series the consent of the holders of which is required for any supplemental indenture or any waiver of compliance with a provision of the indenture or any default thereunder and its consequences, or reduce the requirements for quorum or voting, without the consent of all the holders of the series; or

- modify some of the provisions of the indenture relating to supplemental indentures, waivers of some covenants and waivers of past defaults with respect to the Indenture Securities of any series, without the consent of the holder of each outstanding Indenture Security affected thereby. (Indenture, Section 1202.)

An officer's certificate or supplemental indenture which changes the indenture solely for the benefit of one or more particular series of Indenture Securities, or modifies the rights of the holders of Indenture Securities of one or more series, will not affect the rights under the indenture of the holders of the Indenture Securities of any other series. (Indenture, Section 1202 and Section 102.)

The indenture provides that Indenture Securities owned by us or any other obligor or by any Person directly or indirectly controlling or controlled by or under direct or indirect common control with us or such obligor shall be disregarded and considered not to be outstanding in determining whether the required holders have given a request or consent. (Indenture, Section 101.)

We may fix in advance a record date to determine the required number of holders entitled to give any request, demand, authorization, direction, notice, consent, waiver or other such act of the holders, but we shall have no obligation to do so. If we fix a record date, that request, demand, authorization, direction, notice, consent, waiver or other act of the holders may be given before or after that record date, but only the holders of record at the close of business on that record date will be considered holders for the purposes of determining whether holders of the required percentage of the outstanding Indenture Securities have authorized or agreed or consented to the request, demand, authorization, direction, notice, consent, waiver or other act of the holders. For that purpose, the outstanding Indenture Securities shall be computed as of the record date. Any request, demand, authorization, direction, notice, consent, election, waiver or other act of a holder will bind every future holder of the same Indenture Securities and the holder of every Indenture Security issued upon the registration of transfer of or in exchange of these Indenture Securities. A transferee will be bound by acts of the trustee or us in reliance thereon, whether or not notation of that action is made upon the Indenture Security. (Indenture, Section 104.)

Evidence of Compliance

We have agreed under the indenture to provide to the trustee an annual statement by an appropriate officer as to our compliance with all conditions and covenants under the indenture. (Indenture, Section 606.)

Duties of Trustee; Resignation or Removal of Trustee

The trustee will have, and will be subject to, all the duties and responsibilities specified with respect to an indenture trustee under the Trust Indenture Act of 1939.

The trustee may resign at any time by giving written notice to us or may be removed at any time by act of the holders of a majority in aggregate principal amount of any series of Indenture Securities then outstanding delivered to the trustee and us. No resignation or removal of a trustee and no appointment of a successor trustee will be effective until the acceptance of appointment by a successor trustee.

So long as no event of default or event which, after notice or lapse of time, or both, would become an event of default has occurred and is continuing and except with respect to a trustee appointed by act of the holders, if we have delivered to the trustee a resolution of our Board of Directors appointing a successor trustee and such successor has accepted the appointment in accordance with the terms of the indenture, the trustee will be deemed to have resigned and the successor will be deemed to have been appointed as trustee in accordance with the indenture. (Indenture, Section 910.)

Notices

Notices to holders of Indenture Securities will be given by mail to the addresses of such holders as they may appear in the security register for Indenture Securities. (Indenture, Section 106.)

Title

We, the trustee, and any of our agents or agents of the trustee, may treat the Person in whose name Indenture Securities are registered as the absolute owner thereof, whether or not the Indenture Securities may be overdue, for the purpose of making payments and for all other purposes irrespective of notice to the contrary. (Indenture, Section 308.)

Governing Law

The indenture and the Indenture Securities will be governed by, and construed in accordance with, the laws of the State of New York. (Indenture, Section 112.)

Information about the Trustee

An affiliate of U.S. Bank National Association is the trustee under various indentures and ordinances relating to pollution control and industrial revenue development bonds issued by various government bodies, the net proceeds of which have been made available to us.

Book-Entry Only Issuance — The Depository Trust Company

Unless the applicable prospectus supplement states otherwise, the Indenture Securities will be represented by one or more global certificates, or Global Certificates, which will be issued in definitive, fully registered, book-entry form. The Global Certificate will be deposited with or on behalf of DTC and registered in the name of Cede & Co., as nominee of DTC, or will remain in the custody of the Trustee pursuant to a FAST Balance Certificate Agreement between DTC and the Trustee. Upon the issuance of the Global Certificates, DTC or its nominee will credit, on its internal system, the principal amount of the individual beneficial interests represented by such Global Certificate to the accounts of persons who have accounts with such depository. Such accounts initially will be designated by or on behalf of the underwriters. Ownership of beneficial interests in a Global Certificate will be shown on, and transfer of that ownership will be effected only through, records maintained by DTC or its nominee (with respect to interests of participants) and the records of participants (with respect to interests of persons other than participants).

So long as DTC, or its nominee, is the registered owner or holder of a Global Certificate, DTC or such nominee, as the case may be, will be considered the sole owner or holder of the Indenture Securities represented by such Global Certificate for all purposes under the indenture and the Indenture Securities. No beneficial owner of an interest in a Global Certificate will be able to transfer the interest except in accordance with DTC's applicable procedures, in addition to those provided for under the indenture.

Payments of the principal of, premium, if any, and interest on, a Global Certificate will be made to DTC or its nominee, as the case may be, as the registered owner thereof. Neither we, the Trustee nor any paying agent will have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests in a Global Certificate or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests. DTC or its nominee, upon receipt of any payment of principal or interest in respect of a Global Certificate, will credit participants' accounts with payments in amounts proportionate to their respective beneficial interests in the principal amount of such Global Certificate as shown on the records of DTC or its nominee. We also expect that payments by participants to owners of beneficial interests in such Global Certificate held through such participants will be governed by standing instructions and customary practices, as is now the case with securities held for the accounts of customers in bearer form or registered in "street name". Such payments will be the responsibility of such participants and neither we, the Trustee nor any paying agent will have any responsibility therefor.

Transfers between participants in DTC will be effected in the ordinary way in accordance with DTC rules. Accordingly, each person owning a beneficial interest in a note must rely on the procedures of DTC and, if that person is not a DTC participant, on the procedures of the participant through which that person owns its interest,

to exercise any rights of a holder of notes. The laws of some jurisdictions require that certain purchasers of securities take physical delivery of the securities in certificated form. These laws may impair the ability to transfer beneficial interests in the Indenture Securities.

DTC will take any action permitted to be taken by a holder of notes (including the presentation of notes for exchange as described below) only at the direction of one or more participants to whose account the DTC interests in a Global Certificate is credited and only in respect of such portion of the aggregate principal amount of the Indenture Securities as to which such participant or participants has or have given such direction. However, if there is an Event of Default under the indenture, DTC will exchange a Global Certificate for certificated notes, which it will distribute to its participants.

DTC has advised us that it is a limited-purpose trust company organized under the New York Banking Law, a “banking organization” within the meaning of the New York Banking Law, a member of the Federal Reserve System, a “clearing corporation” within the meaning of the New York Uniform Commercial Code and a “clearing agency” registered pursuant to the provisions of Section 17A of the Exchange Act. DTC was created to hold securities for its participants and facilitate the clearance and settlement of securities transactions between participants through electronic book-entry changes in accounts of its participants, thereby eliminating the need for physical movement of securities certificates. Participants include securities brokers and dealers, banks, trust companies and clearing corporations and certain other organizations. Indirect access to the DTC system is available to others such as banks, brokers, dealers and trust companies that clear through or maintain a custodial relationship with a participant, either directly or indirectly (indirect participants). The rules applicable to DTC and its participants are on file with the SEC.

Although DTC is expected to follow the foregoing procedures in order to facilitate transfers of interests in the Indenture Securities represented by a Global Certificate among its participants, it is under no obligation to perform or continue to perform such procedures, and such procedures may be discontinued at any time. Neither we nor the Trustee will have any responsibility for the performance by DTC or its participants or indirect participants of their respective obligations under the rules and procedures governing their operations.

If DTC is at any time unwilling or unable to continue as a depository for a Global Certificate and a successor depository is not appointed by us within 90 days, we will issue certificated notes, in registered form only, in exchange for a Global Certificate.

The information under this caption “—Book-Entry Only Issuance – The Depository Trust Company” concerning DTC and DTC’s book-entry system is based upon information provided by DTC. We have provided the foregoing descriptions of the operations and procedures of DTC solely as a matter of convenience. The operations and procedures are solely within the control of DTC and are subject to change by DTC from time to time. You are urged to contact DTC or its participants directly to discuss these matters.

PLAN OF DISTRIBUTION

We may sell the debt securities offered by this prospectus through underwriters or dealers, through agents, directly to one or more purchasers, or through any of these methods of sale. We will describe in the accompanying prospectus supplement the specific plan of distribution, including (i) the identity of any underwriters, dealers or agents and the amount of debt securities underwritten or purchased by them and their compensation, (ii) the initial offering price of the debt securities and the proceeds that we will receive from the sale, and (iii) any securities exchange on which the securities will be listed.

INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The financial statements of Tucson Electric Power Company incorporated in this prospectus by reference to the Annual Report on Form 10-K for the year ended December 31, 2011 have been so incorporated in reliance on the report of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

LEGALITY

Certain legal matters will be passed upon for us by Todd C. Hixon, our Vice President and General Counsel, and by Morgan Lewis & Bockius LLP, New York, New York, our special New York counsel.

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\$150,000,000

Tucson Electric Power Company

3.85% Notes due 2023

J.P. Morgan

Mitsubishi UFJ Securities

Scotiabank

US Bancorp

Comerica Securities

TUCSON ELECTRIC POWER COMPANY
TO
U.S. BANK NATIONAL ASSOCIATION,
Trustee

Indenture
(For Unsecured Debt Securities)

Dated as of November 1, 2011

TUCSON ELECTRIC POWER COMPANY

**Reconciliation and tie between Trust Indenture Act of 1939
and Indenture (For Unsecured Debt Securities) dated as of November 1, 2011**

Trust Indenture Act Section	Indenture Section
§310 (a)(1).....	909
(a)(2).....	909
(a)(3).....	914
(a)(4).....	Not Applicable
(b).....	908, 910
§311 (a).....	913
(b).....	913
§312 (a).....	1001
(b).....	1001
(c).....	1001
§313 (a).....	1002
(b)(1).....	Not Applicable
(b)(2).....	1002
(c).....	1002
(d).....	1002
§314 (a).....	1002
(a)(4).....	606
(b).....	Not Applicable
(c)(1).....	102
(c)(2).....	102
(c)(3).....	Not Applicable
(d).....	Not Applicable
(e).....	102
§315 (a).....	901, 903
(b).....	902
(c).....	901
(d).....	901
(e).....	814
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(a)(2).....	Not Applicable
(b).....	808
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Note: This reconciliation and tie shall not, for any purpose, be deemed to be a part of the Indenture.

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INDENTURE, dated as of November 1, 2011, between **TUCSON ELECTRIC POWER COMPANY**, a corporation duly organized and existing under the laws of the State of Arizona (herein called the “Company”), having its principal office at 88 East Broadway Blvd., Tucson, Arizona 85702, and **U.S. BANK NATIONAL ASSOCIATION**, a national banking association, having its designated corporate trust office at 100 Wall Street, Suite 1600, New York, New York 10005, as Trustee (herein called the “Trustee”).

RECITAL OF THE COMPANY

The Company has duly authorized the execution and delivery of this Indenture to provide for the issuance from time to time of its unsecured debentures, notes or other evidences of indebtedness (herein called the “Securities”), in an unlimited aggregate principal amount to be issued in one or more series as contemplated herein; and all acts necessary to make this Indenture a valid agreement of the Company have been performed.

For all purposes of this Indenture, except as otherwise expressly provided or unless the context otherwise requires, capitalized terms used herein shall have the meanings assigned to them in Article One of this Indenture.

NOW, THEREFORE, THIS INDENTURE WITNESSETH:

For and in consideration of the premises and the purchase of the Securities by the Holders thereof, it is mutually covenanted and agreed, for the equal and proportionate benefit of all Holders of the Securities or of any series thereof, as follows:

ARTICLE ONE

Definitions and Other Provisions of General Application

SECTION 101. Definitions.

For all purposes of this Indenture, except as otherwise expressly provided or unless the context otherwise requires:

(a) the terms defined in this Article have the meanings assigned to them in this Article and include the plural as well as the singular;

(b) all terms used herein without definition which are defined in the Trust Indenture Act, as in effect on the date of the execution and delivery of this Indenture, either directly or by reference therein, have the meanings assigned to them therein;

(c) all accounting terms not otherwise defined herein have the meanings assigned to them in accordance with generally accepted accounting principles in the United States, and, except as otherwise herein expressly provided, the term “generally accepted accounting principles” with respect to any computation required or permitted hereunder shall mean such accounting principles as are generally accepted in the United States at the date of such computation or, at the election of the Company from time to time, at the date of the execution and delivery of this Indenture; provided, however, that

in determining generally accepted accounting principles applicable to the Company, effect shall be given, to the extent required, to any order, rule or regulation of any administrative agency, regulatory authority or other governmental body having jurisdiction over the Company; and

(d) the words “herein”, “hereof” and “hereunder” and other words of similar import refer to this Indenture as a whole and not to any particular Article, Section or other subdivision.

Certain terms, used principally in Article Nine, are defined in that Article.

“**Act**”, when used with respect to any Holder of a Security, has the meaning specified in Section 104.

“**Affiliate**” of any specified Person means any other Person directly or indirectly controlling or controlled by or under direct or indirect common control with such specified Person. For the purposes of this definition, “**control**” when used with respect to any specified Person means the power to direct the management and policies of such Person, directly or through one or more intermediaries, whether through the ownership of voting securities, by contract or otherwise; and the terms “**controlling**” and “**controlled**” have meanings correlative to the foregoing.

“**Authenticating Agent**” means any Person (other than the Company or an Affiliate of the Company) authorized by the Trustee pursuant to Section 915 to act on behalf of the Trustee to authenticate one or more series of Securities or Tranche thereof.

“**Authorized Officer**” means the Chairman of the Board of Directors, the Vice Chairman, the President, any Vice President, the Treasurer, any Assistant Treasurer, or any other officer, manager or agent of the Company duly authorized by a Board Resolution to act in respect of matters relating to this Indenture.

“**Benefitted Securities**” has the meaning specified in Section 605.

“**Board of Directors**” means either the board of directors, the board of managers or similar governing body of the Company or any committee thereof duly authorized to act in respect of matters relating to this Indenture.

“**Board Resolution**” means a copy of a resolution or resolutions 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, and delivered to the Trustee.

“**Business Day**”, when used with respect to a Place of Payment or any other particular location specified in the Securities or this Indenture, means any day, other than a Saturday or Sunday, which is not a day on which banking institutions or trust companies in such Place of Payment or other location are authorized or required by law, regulation or executive order to remain closed or which is not a day on which the Corporate Trust Office is closed for business, except as may be otherwise specified as contemplated by Section 301.

“Capital Lease Obligations” has the meaning specified in Section 605.

“Commission” means the United States Securities and Exchange Commission, as from time to time constituted, created under the Securities Exchange Act of 1934, as amended, or, if at any time after the date of execution and delivery of this Indenture 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 at such time.

“Company” means the Person named as the “Company” in the first paragraph of this Indenture until a successor Person shall have become such pursuant to the applicable provisions of this Indenture, and thereafter “Company” shall mean such successor Person.

“Company Request” or **“Company Order”** means a written request or order signed in the name of the Company by an Authorized Officer and delivered to the Trustee.

“Corporate Trust Office” means the office of the Trustee in the Place of Payment for Securities, which office at the date of execution and delivery of this Indenture is located at 100 Wall Street, Suite 1600, New York, New York 10005, or such other address as the Trustee may designate from time to time, with the consent of the Company, by notice to the Holders and the Company; provided that copies of all notices and any other documents delivered to the Corporate Trust Office shall also be sent to the Trustee pursuant to the requirements of Section 105.

“Corporation” means a corporation, association, company, limited liability company, joint stock company or business trust, and references to “corporate” and other derivations of “Corporation” herein shall be deemed to include appropriate derivations of such entities. “Corporation” also includes any partnership (including any limited liability partnership, limited partnership or limited liability limited partnership) organized under the law of any state of the United States or the District of Columbia if, under the law of such jurisdiction (a) such partnership has filed a certificate of existence or similar instrument in the appropriate offices of such jurisdiction that, among other things, designates an agent for service of process in such jurisdiction, (b) such partnership is an entity, (c) property acquired by such partnership is property of the partnership and not of the partners and (d) the existence of such partnership is either perpetual or for a definite term that, as of the applicable time of determination, shall not expire prior to the last Stated Maturity of the Securities then Outstanding.

“Debt” has the meaning specified in Section 605.

“Defaulted Interest” has the meaning specified in Section 307.

“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 802.

“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” means:

(a) with respect to Securities denominated in Dollars, Government Obligations or, if specified pursuant to Section 301 with respect to any Securities, other Investment Securities; 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 301.

“Event of Default” has the meaning specified in Section 801.

“Excepted Property” has the meaning specified in Section 605.

“Existing Capital Lease Obligations” has the meaning specified in Section 605.

“Government Obligations” means securities which are (a) (i) direct obligations of the United States where the payment or payments thereunder are supported by the full faith and credit of the United States or (ii) obligations of a Person controlled or supervised by and acting as an agency or instrumentality of the United States where the timely payment or payments thereunder are unconditionally guaranteed as a full faith and credit obligation by the United States or (b) depository receipts issued by a bank (as defined in Section 3(a)(2) of the Securities Act, which may include the Trustee or any Paying Agent) as custodian with respect to any such Government Obligation or a specific payment of interest on or principal of or other amount with respect to any such Government Obligation held by such custodian for the account of the holder of a 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 the custodian in respect of the Government Obligation or the specific payment of interest on or principal of or other amount with respect to the Government Obligation evidenced by such depository receipt.

“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.

“Holder” means a Person in whose name a Security is registered in the Security Register.

“Indenture” means this instrument as originally executed and delivered and as it may from time to time be supplemented or amended by one or more indentures supplemental hereto entered into pursuant to the applicable provisions hereof (each, a **“supplemental indenture”**), including, for all purposes of this instrument and any such supplemental indenture, the provisions of the Trust Indenture Act that are deemed to be a part of and govern this Indenture and any such supplemental indenture, respectively. The term “Indenture” shall also include the provisions or terms of particular series of Securities established in any Officer’s Certificate, Board Resolution or Company Order delivered pursuant to Sections 201, 301, 303 and 1207.

“interest” when used with respect to a Discount Security means interest, if any, borne by such Security at a Stated Interest Rate.

“Interest Payment Date”, when used with respect to any Security, means the Stated Maturity of an installment of interest on such Security.

“Investment Securities” means any of the following obligations or securities on which neither the Company, any other obligor on the Securities nor any Affiliate of either is the obligor: (a) Government Obligations; (b) interest bearing deposit accounts (which may be represented by certificates of deposit) in any national or state bank (which may include the Trustee or any Paying Agent) or savings and loan association which has outstanding securities rated by a nationally recognized rating organization in either of the two (2) highest rating categories (without regard to modifiers) for short term securities or in any of the three (3) highest rating categories (without regard to modifiers) for long term securities; (c) bankers’ acceptances drawn on and accepted by any commercial bank (which may include the Trustee or any Paying Agent) which has outstanding securities rated by a nationally recognized rating organization in either of the two (2) highest rating categories (without regard to modifiers) for short term securities or in any of the three (3) highest rating categories (without regard to modifiers) for long term securities; (d) direct obligations of, or obligations the principal of and interest on which are unconditionally guaranteed by, any State or Territory of the United States or the District of Columbia, or any political subdivision of any of the foregoing, which are rated by a nationally recognized rating organization in either of the two (2) highest rating categories (without regard to modifiers) for short term securities or in any of the three (3) highest rating categories (without regard to modifiers) for long term securities; (e) bonds or other obligations of any agency or instrumentality of the United States; (f) corporate debt securities which are rated by a nationally recognized rating organization in either of the two (2) highest rating categories (without regard to modifiers) for short term securities or in any of the three (3) highest rating categories (without regard to modifiers) for long term securities; (g) repurchase agreements with respect to any of the foregoing obligations or securities with any banking or financial institution (which may include the Trustee or any Paying Agent) which has outstanding securities rated by a nationally recognized rating organization in either of the two (2) highest rating categories (without regard to modifiers) for short term securities or in any of the three (3) highest rating categories (without regard to modifiers) for long term securities; (h) securities issued by any regulated investment company (including any investment company for which the Trustee or any Paying Agent is the advisor), as defined in Section 851 of the Internal Revenue Code of 1986, as amended, or any successor section of such Code or successor federal statute, provided that the portfolio of such investment company is limited to obligations or securities of the character and investment quality contemplated in clauses (a) through (f) above and repurchase agreements which are fully collateralized by any of such obligations or securities; and (i) any other obligations or securities which may lawfully be purchased by the Trustee in its capacity as such.

“Lien” has the meaning specified in Section 605.

“Maturity”, when used with respect to any Security, means the date on which the principal of such Security or an installment of principal becomes due and payable as provided in such Security or in this Indenture, whether at the Stated Maturity, by declaration of acceleration, upon call for redemption or otherwise.

“Mortgage Bonds” has the meaning specified in Section 605.

“Mortgage Indenture” has the meaning specified in Section 605.

“Officer’s Certificate” means a certificate signed by an Authorized Officer and delivered to the Trustee.

“Opinion of Counsel” means a written opinion of counsel, who may be counsel for the Company or an Affiliate of the Company, or an employee of any thereof and who shall be acceptable to the Trustee.

“Outstanding”, when used with respect to Securities, means, as of the date of determination, all Securities theretofore authenticated and delivered under this Indenture, except:

(a) Securities theretofore paid, redeemed, canceled or delivered to the Security Registrar for cancellation;

(b) Securities deemed to have been paid for all purposes of this Indenture in accordance with Section 701 (whether or not the Company’s indebtedness in respect thereof shall be satisfied and discharged for any other purpose) or deemed to have been paid in accordance with the terms of the Securities; and

(c) Securities which have been paid pursuant to Section 306 or in exchange for or in lieu of which other Securities have been authenticated and delivered pursuant to this Indenture, other than any such Securities in respect of which there shall have been presented to the Trustee proof satisfactory to it and the Company that such Securities are held by a bona fide purchaser or purchasers in whose hands such Securities are valid obligations of the Company;

provided, however, that in determining whether or not the Holders of the requisite principal amount of the Securities Outstanding under this Indenture, or the Outstanding Securities of any series or Tranche, have given any request, demand, authorization, direction, notice, consent or waiver hereunder or whether or not a quorum is present at a meeting of Holders of Securities,

(x) Securities owned by the Company or any other obligor upon the Securities or any Affiliate of the Company or of such other obligor (unless the Company, such Affiliate or such obligor owns all Securities Outstanding entitled to give such request, demand, authorization, direction, notice, consent or waiver) shall be disregarded and deemed not to be Outstanding, except that, in determining whether the Trustee shall be protected in relying upon any such request, demand, authorization, direction, notice, consent or waiver or upon any such determination as to the presence of a quorum, only Securities which a Responsible Officer of the Trustee actually knows to be so owned shall be so disregarded; provided, however, that Securities so owned which have been pledged in good faith may be regarded as Outstanding if the pledgee establishes to the satisfaction of the Trustee the pledgee’s right so to act with respect to such Securities and that the pledgee is not the Company or any other obligor upon the Securities or any Affiliate of the Company or of such other obligor; and

(y) 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 802;

provided, further, that, in the case of any Security the principal of which is payable from time to time without presentment or surrender, the principal amount of such Security that shall be deemed to be Outstanding at any time for all purposes of this Indenture shall be the original principal amount thereof less the aggregate amount of principal thereof theretofore paid.

“Paying Agent” means any Person, including the Company, authorized by the Company to pay the principal of, and premium, if any, or interest, if any, on any Securities on behalf of the Company.

“Periodic Offering” means an offering of Securities of a series from time to time any or all of the specific terms of which Securities, including without limitation the rate or rates of interest, if any, thereon, the Stated 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.

“Permitted Secured Debt” has the meaning specified in Section 605.

“Person” means any individual, Corporation, partnership, limited liability partnership, joint venture, trust or unincorporated organization or any Governmental Authority.

“Place of Payment”, when used with respect to the Securities of any series, or any Tranche thereof, means the place or places, specified as contemplated by Section 301, at which, subject to Section 602, principal of and premium, if any, and interest, if any, on the Securities of such series or Tranche are payable.

“Predecessor Security” of any particular Security means 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 306 in exchange for or in lieu of a mutilated, destroyed, lost or stolen Security shall be deemed (to the extent lawful) to evidence the same debt as the mutilated, destroyed, lost or stolen Security.

“Purchase Money Lien” has the meaning specified in Section 605.

“Redemption Date”, when used with respect to any Security to be redeemed, means the date fixed for such redemption by or pursuant to this Indenture.

“Redemption Price”, when used with respect to any Security to be redeemed, means the price at which it is to be redeemed pursuant to this Indenture, exclusive of accrued and unpaid interest.

“Regular Record Date” for the interest payable on any Interest Payment Date on the Securities of any series means the date specified for that purpose as contemplated by Section 301.

“Release Date” has the meaning specified in Section 605.

“Required Currency” has the meaning specified in Section 311.

“Responsible Officer”, when used with respect to the Trustee, means an officer within the corporate trust department of the Trustee (or any similar or successor group of the Trustee), including any vice president, assistant vice president, assistant secretary, trust officer or assistant trust officer of the Trustee customarily performing functions similar to those performed by any of the above designated officers and also means, with respect to a particular corporate trust matter, any other officer to whom such matter is referred because of his knowledge of and familiarity with the particular subject.

“San Carlos” has the meaning specified in Section 605.

“Secured Debt” has the meaning specified in Section 605.

“Secured Obligations” has the meaning specified in Section 605.

“Securities” has the meaning stated in the first recital of this Indenture and more particularly means any securities authenticated and delivered under this Indenture.

“Securities Act” means, as of any time, the Securities Act of 1933, as amended, or any successor statute, as in effect at such time.

“Security Register” and **“Security Registrar”** have the respective meanings specified in Section 305.

“Special Record Date” for the payment of any Defaulted Interest on the Securities of any series means a date fixed by the Trustee pursuant to Section 307.

“Stated Interest Rate” means a rate (whether fixed or variable) at which an obligation by its terms is stated to bear simple interest. Any calculation or other determination to be made under this Indenture by reference to the Stated Interest Rate on a Security shall be made without regard to the effective interest cost to the Company of such Security and without regard to the Stated Interest Rate on, or the effective cost to the Company of, any other indebtedness in respect of which the Company’s obligations are evidenced or secured in whole or in part by such Security.

“Stated Maturity”, when used with respect to any obligation or any installment of principal thereof or interest thereon, means the date on which the principal of such obligation or such installment of principal or interest is stated to be due and payable (without regard to any provisions for redemption, prepayment, acceleration, purchase or extension).

“supplemental indenture” has the meaning specified in the definition of the **“Indenture.”**

“Tangible Assets” has the meaning specified in Section 605.

“Total Capitalization” has the meaning specified in Section 605.

“Tranche” means a group of Securities which (a) are of the same series and (b) have identical terms, notwithstanding differences as to principal amount, date of issuance, initial Interest Payment Date and/or initial interest accrual date.

“Trust Indenture Act” means, as of any time, the Trust Indenture Act of 1939, as amended, or any successor statute, as in effect at such time.

“Trustee” means the Person named as the “Trustee” in the first paragraph of this Indenture until a successor Trustee shall have become such with respect to one or more series of Securities pursuant to the applicable provisions of this Indenture, and thereafter “Trustee” shall mean or include each Person who is then a Trustee hereunder, and if at any time there is more than one such Person, “Trustee” as used with respect to the Securities of any series shall mean the Trustee with respect to Securities of that series.

“United States” means the United States of America, its territories, its possessions and other areas subject to its political jurisdiction.

SECTION 102. Compliance Certificates and Opinions.

Except as otherwise expressly provided in this Indenture, upon any application or request by the Company to the Trustee to take any action under any provision of this Indenture, the Company shall furnish to the Trustee an Officer’s Certificate stating that in the opinion of the Authorized Officer executing such Officer’s Certificate all conditions precedent, if any, provided for in this Indenture relating to the proposed action (including any covenants compliance with which constitutes a condition precedent) have been complied with and an Opinion of Counsel stating that in the opinion of such counsel all such conditions precedent, if any, have been complied with, except that in the case of any such application or request as to which the furnishing of such documents is specifically required by any provision of this Indenture relating to such particular application or request, no additional certificate or opinion need be furnished.

Every certificate or opinion with respect to compliance with a condition or covenant provided for in this Indenture shall include:

- (a) a statement that each Person signing such certificate or opinion has read such covenant or condition and the definitions herein relating thereto;
- (b) 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;
- (c) a statement that, in the opinion of each such Person, such Person has made such examination or investigation as is necessary to enable such Person to express an informed opinion as to whether or not such covenant or condition has been complied with; and

(d) a statement as to whether, in the opinion of each such Person, such condition or covenant has been complied with.

SECTION 103. Form of Documents Delivered to Trustee.

Any Officer's Certificate may be based (without further examination or investigation), insofar as it relates to or is dependent upon legal matters, upon an opinion of, or representations by, counsel, and, insofar as it relates to or is dependent upon matters which are subject to verification by an expert in accounting or financial matters, upon a certificate or opinion of, or representations by, such an expert, unless, in any case, such officer has actual knowledge that the certificate or opinion or representations with respect to the matters upon which such Officer's Certificate may be based as aforesaid are erroneous.

Any certificate of an expert in accounting or financial matters may be based (without further examination or investigation), insofar as it relates to or is dependent upon legal matters, upon an opinion of, or representations by, counsel, and insofar as it relates to or is dependent upon factual matters, information with respect to which is in the possession of the Company and which are not subject to verification by such an expert, upon a certificate or opinion of, or representations by, an officer or officers of the Company, unless, in any case, such expert has actual knowledge that the certificate or opinion or representations with respect to the matters upon which his certificate or opinion may be based as aforesaid are erroneous.

Any Opinion of Counsel may be based (without further examination or investigation), insofar as it relates to or is dependent upon factual matters, information with respect to which is in the possession of the Company, upon a certificate of, or representations by, an officer or officers of the Company, and, insofar as it relates to or is dependent upon matters which are subject to verification by an expert in accounting or financial matters upon a certificate or opinion of, or representations by, such an expert, unless such counsel has actual knowledge that the certificate or opinion or representations with respect to the matters upon which his opinion may be based as aforesaid are erroneous. In addition, any Opinion of Counsel may be based (without further examination or investigation), insofar as it relates to or is dependent upon matters covered in an Opinion of Counsel rendered by other counsel, upon such other Opinion of Counsel, unless such counsel has actual knowledge that the Opinion of Counsel rendered by such other counsel with respect to the matters upon which his Opinion of Counsel may be based as aforesaid are erroneous. If, in order to render any Opinion of Counsel provided for herein, the signer thereof shall deem it necessary that additional facts or matters be stated in any Officer's Certificate provided for herein, then such certificate may state all such additional facts or matters as the signer of such Opinion of Counsel may request.

In any case where several matters are required to be certified by, or covered by an opinion of, any specified Person, it is not necessary that all such matters be certified by, or covered by the opinion of, only one such Person, or that they be so certified or covered by only one document, but one such Person may certify or give an opinion with respect to some matters and one or more other such Persons as to other matters, and any such Person may certify or give an opinion as to such matters in one or several documents.

Where any Person is required to make, give or execute two or more applications, requests, consents, certificates, statements, opinions or other instruments under this Indenture, or two or more Persons are each required to make, give or execute any such application, request, consent, certificate, statement, opinion or other instrument, any such applications, requests, consents, certificates, statements, opinions or other instruments may, but need not, be consolidated and form one instrument.

Whenever, subsequent to the receipt by the Trustee of any Board Resolution, Officer's Certificate, Opinion of Counsel or other document or instrument, a clerical, typographical or other inadvertent or unintentional error or omission shall be discovered therein, a new document or instrument may be substituted therefor in corrected form with the same force and effect as if originally filed in the corrected form and, irrespective of the date or dates of the actual execution and/or delivery thereof, such substitute document or instrument shall be deemed to have been executed and/or delivered as of the date or dates required with respect to the document or instrument for which it is substituted. Anything in this Indenture to the contrary notwithstanding, if any such corrective document or instrument indicates that action has been taken by or at the request of the Company which could not have been taken had the original document or instrument not contained such error or omission, the action so taken shall not be invalidated or otherwise rendered ineffective but shall be and remain in full force and effect, except to the extent that such action was a result of willful misconduct or bad faith. Without limiting the generality of the foregoing, any Securities issued under the authority of such defective document or instrument shall nevertheless be the valid obligations of the Company entitled to the benefits of this Indenture equally and ratably with all other Outstanding Securities, except as aforesaid.

SECTION 104. Acts of Holders.

(a) Any request, demand, authorization, direction, notice, consent, election, waiver or other action provided by this Indenture to be made, given or taken by Holders may be embodied in and evidenced by one or more instruments of substantially similar tenor signed by such Holders in person or by an agent duly appointed in writing or, alternatively, may be embodied in and evidenced by the record of Holders voting in favor thereof, either in person or by proxies duly appointed in writing, at any meeting of Holders duly called and held in accordance with the provisions of Article Thirteen, or a combination of such instruments and any such record. Except as herein otherwise expressly provided, such action shall become effective when such instrument or instruments or record or both are delivered to the Trustee and, where it is hereby expressly required, to the Company. Such instrument or instruments and any such record (and the action embodied therein and evidenced thereby) are herein sometimes referred to as the "Act" of the Holders signing such instrument or instruments and so voting at any such meeting. Proof of execution of any such instrument or of a writing appointing any such agent, or of the holding by any Person of a Security, shall be sufficient for any purpose of this Indenture and (subject to Section 901) conclusive in favor of the Trustee and the Company, if made in the manner provided in this Section. The record of any meeting of Holders shall be proved in the manner provided in Section 1306.

(b) The fact and date of the execution by any Person of any such instrument or writing may be proved by the affidavit of a witness of such execution or by a certificate of a notary public or other officer authorized by law to take acknowledgments of deeds, certifying that the individual signing such instrument or writing acknowledged to him the execution thereof or may be proved in any other manner which the Trustee and the Company deem sufficient. Where such execution is by a signer acting in a capacity other than his individual capacity, such certificate or affidavit shall also constitute sufficient proof of his authority. The Trustee may in any instance require further proof with respect to any of the matters referred to in this Section.

(c) The principal amount (except as otherwise contemplated in clause (y) of the first proviso to the definition of Outstanding) and serial numbers of Securities held by any Person, and the date of holding the same, shall be proved by the Security Register.

(d) Any request, demand, authorization, direction, notice, consent, election, waiver or other Act of a Holder shall bind every future Holder of the same Security and the Holder of every Security issued upon the registration of transfer thereof or in exchange therefor or in lieu thereof in respect of anything done, omitted or suffered to be done by the Trustee or the Company in reliance thereon, whether or not notation of such action is made upon such Security.

(e) Until such time as written instruments shall have been delivered to the Trustee with respect to the requisite percentage of principal amount of Securities for the action contemplated by such instruments, any such instrument executed and delivered by or on behalf of a Holder may be revoked with respect to any or all of such Securities by written notice by such Holder or any subsequent Holder, proven in the manner in which such instrument was proven.

(f) Securities of any series, or any Tranche thereof, authenticated and delivered after any Act of Holders may, and shall if required by the Trustee, bear a notation in form approved by the Trustee as to any action taken by such Act of Holders. If the Company shall so determine, new Securities of any series, or any Tranche thereof, so modified as to conform, in the opinion of the Trustee and the Company, to such action may be prepared and executed by the Company and authenticated and delivered by the Trustee in exchange for Outstanding Securities of such series or Tranche.

(g) The Company may, at its option, by Company Order, fix in advance a record date for the determination of Holders entitled to give any request, demand, authorization, direction, notice, consent, waiver or other Act solicited by the Company, but the Company shall have no obligation to do so; provided, however, that the Company may not fix a record date for the giving or making of any notice, declaration, request or direction referred to in the next sentence. In addition, the Trustee may, at its option, fix in advance a record date for the determination of Holders entitled to join in the giving or making of any Notice of Default, any declaration of acceleration referred to in Section 802, any request to institute proceedings referred to in Section 807 or any direction referred to in Section 812. If any such record date is fixed, such request, demand, authorization, direction, notice, consent, waiver or other Act, or such notice, declaration,

request or direction, may be given before or after such record date, but only the Holders of record at the close of business on the record date shall be deemed to be Holders for the purposes of determining (i) whether Holders of the requisite proportion of the Outstanding Securities have authorized or agreed or consented to such Act (and for that purpose the Outstanding Securities shall be computed as of the record date) and/or (ii) which Holders may revoke any such Act (notwithstanding subsection (e) of this Section); and any such Act, given as aforesaid, shall be effective whether or not the Holders which authorized or agreed or consented to such Act remain Holders after such record date and whether or not the Securities held by such Holders remain Outstanding after such record date.

SECTION 105. Notices, etc. to Trustee and Company.

Any request, demand, authorization, direction, notice, consent, election, waiver or Act of Holders or other document provided or permitted by this Indenture to be made upon, given or furnished to, or filed with, the Trustee by any Holder or by the Company, or the Company by the Trustee or by any Holder, shall be sufficient for every purpose hereunder (unless otherwise herein expressly provided) if in writing and delivered personally to an officer or other responsible employee of the addressee at the applicable location set forth below or at such other location as such party may from time to time designate by written notice, or transmitted by facsimile transmission or electronic means in PDF format (or comparable format capable of transmitting a manual signature) to such electronic communications address as the parties hereto shall from time to time designate by written notice, or transmitted by certified or registered mail, charges prepaid, to the applicable address set forth below or to such other address as either party hereto may from time to time designate by written notice:

If to the Trustee, to:

U.S. Bank National Association
100 Wall Street, Suite 1600
New York, New York 10005

Attention: Corporate Trust Services
Facsimile: (212) 361-6153

If to the Company, to:

Tucson Electric Power Company
88 East Broadway Blvd.
Tucson, Arizona 85702

Attention: Treasurer
Telephone: (520) 884-3614
Facsimile: (520) 884-3602

Any communication contemplated herein shall be deemed to have been made, given, furnished and filed if personally delivered, on the date of delivery, if transmitted by facsimile transmission

or other direct written electronic means, on the date of receipt, and if transmitted by certified or registered mail, on the date of receipt.

SECTION 106. Notice to Holders of Securities; Waiver.

Except as otherwise expressly provided herein, where this Indenture provides for notice to Holders of any event, such notice shall be sufficiently given, and shall be deemed given, to Holders if in writing and mailed, first-class postage prepaid, to each Holder affected by such event, at the address of such Holder as it appears in the Security Register, not later than the latest date, if any, and not earlier than the earliest date, if any, prescribed for the giving of such notice.

In case by reason of the suspension of regular mail service or by reason of any other cause it shall be impracticable to give such notice to Holders by mail, then such notification as shall be made with the approval of the Trustee shall constitute a sufficient notification for every purpose hereunder. In any case where notice to Holders is given by mail, neither the failure to mail such notice, nor any defect in any notice so mailed, to any particular Holder shall affect the sufficiency of such notice with respect to other Holders.

Any notice required by this Indenture may be waived in writing by the Person entitled to receive such notice, either before or after the event otherwise to be specified therein, and such waiver shall be the equivalent of such notice. Waivers of notice by Holders shall be filed with the Trustee, but such filing shall not be a condition precedent to the validity of any action taken in reliance upon such waiver.

SECTION 107. Conflict with Trust Indenture Act.

If, (a) any provision of this Indenture limits, qualifies or conflicts with another provision hereof which is required or deemed to be included in this Indenture by, or is otherwise governed by, any of the provisions of the Trust Indenture Act, such other provision shall control; and (b) if any provision hereof otherwise conflicts with the Trust Indenture Act, the Trust Indenture Act shall control.

SECTION 108. Effect of Headings and Table of Contents.

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 109. Successors and Assigns.

All covenants and agreements in this Indenture by the Company and Trustee shall bind their respective successors and assigns, whether so expressed or not.

SECTION 110. Separability Clause.

In case any provision in this Indenture or the Securities shall be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

SECTION 111. Benefits of Indenture.

Nothing in this Indenture or the Securities, express or implied, shall give to any Person, other than the parties hereto, their successors hereunder and the Holders, any benefit or any legal or equitable right, remedy or claim under this Indenture.

SECTION 112. Governing Law.

This Indenture and the Securities shall be governed by and construed in accordance with the laws of the State of New York (including without limitation Section 5-1401 of the New York General Obligations Law or any successor statute), except to the extent that the law of any other jurisdiction shall be mandatorily applicable.

SECTION 113. Legal Holidays.

In any case where any Interest Payment Date, Redemption Date or Stated Maturity of any Security shall not be a Business Day at any Place of Payment, then (notwithstanding any other provision of this Indenture or of the Securities other than a provision in Securities of any series, or any Tranche thereof, or in the supplemental indenture, Board Resolution, Officer's Certificate or Company Order which establishes the terms of the Securities of such series or Tranche, which specifically states that such provision shall apply in lieu of this Section) payment of interest or principal and premium, if any, need not be made at such Place of Payment on such date, but may be made on the next succeeding Business Day at such Place of Payment, with the same force and effect, and in the same amount, as if made on the Interest Payment Date or Redemption Date, or at the Stated Maturity, as the case may be, and, if such payment is made or duly provided for on such Business Day, no interest shall accrue on the amount so payable for the period from and after such Interest Payment Date, Redemption Date or Stated Maturity, as the case may be, to such Business Day.

SECTION 114. Waiver of Jury Trial.

EACH OF THE COMPANY AND THE TRUSTEE HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS INDENTURE, THE SECURITIES OR ANY OF THE TRANSACTIONS CONTEMPLATED HEREBY.

SECTION 115. USA Patriot Act.

The parties hereto acknowledge that in accordance with Section 326 of the USA PATRIOT Act, the Trustee, like all financial institutions and in order to help fight the funding of terrorism and money laundering, is required to obtain, verify, and record information that identifies each person or legal entity that establishes a relationship or opens an account. The Company agrees that it will provide the Trustee with information about the Company as the Trustee may reasonably request in order for the Trustee to satisfy the requirements of the USA PATRIOT Act.

SECTION 116. Force Majeure.

In no event shall the Trustee be responsible or liable for any failure or delay in the performance of its obligations hereunder arising out of or caused by, directly or indirectly, forces beyond its control, including, without limitation, strikes, work stoppages, accidents, acts of war or terrorism, civil or military disturbances, nuclear or natural catastrophes or acts of God, and interruptions, loss or malfunctions of utilities, communications or computer (software and hardware) services; it being understood that the Trustee shall use reasonable efforts which are consistent with accepted practices in the banking industry to resume performance as soon as practicable under the circumstances.

ARTICLE TWO

Security Forms

SECTION 201. Forms Generally.

The definitive Securities of each series shall be in substantially the form or forms thereof established in the supplemental indenture establishing such series or in a Board Resolution establishing such series, in an Officer's Certificate pursuant to such supplemental indenture or Board Resolution or in a Company Order as contemplated by Section 303(b), 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 and such notations, legends or endorsements placed thereon as may be required to comply with applicable law, the rules of any securities exchange or depository, including The Depository Trust Company, or other clearing corporation or securities intermediary, automated quotation system, agreements to which the Company is subject, or usage, or as may, consistently herewith, be determined by the officers executing such Securities, as evidenced by their execution of the Securities. If the form or forms of Securities of any series are established in a Board Resolution or in an Officer's Certificate pursuant to a supplemental indenture or a Board Resolution, such Board Resolution and Officer's Certificate, if any, shall be delivered to the Trustee at or prior to the delivery of the Company Order contemplated by Section 303(b) for the authentication and delivery of such Securities.

Unless otherwise specified as contemplated by Section 301 or clause (g) of Section 1201, the Securities of each series shall be issuable in registered form without coupons. The definitive Securities shall be produced in such manner as shall be determined by the officers executing such Securities, as evidenced by their execution thereof.

SECTION 202. Form of Trustee's Certificate of Authentication.

The Trustee's certificate of authentication shall be in substantially the form set forth below:

This is one of the Securities of the series designated therein referred to in the within-mentioned Indenture.

Dated:

as Trustee

By: _____

Authorized Signatory

ARTICLE THREE

The Securities

SECTION 301. Amount Unlimited; Issuable in Series.

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. Subject to the last paragraph of this Section, prior to the authentication and delivery of Securities of any series there shall be established by specification in a supplemental indenture or in a Board Resolution, in an Officer's Certificate pursuant to a supplemental indenture or a Board Resolution or in a Company Order as contemplated by Section 303(b):

(a) the title of the Securities of such series (which shall distinguish the Securities of such series from Securities of all other series);

(b) any limit upon the aggregate principal amount of the Securities of such series which may be authenticated and delivered under this Indenture (except for Securities authenticated and delivered upon registration of transfer of, or in exchange for, or in lieu of, other Securities of such series pursuant to Section 304, 305, 306, 406 or 1206 and except for any Securities which, pursuant to Section 303, are deemed never to have been authenticated and delivered hereunder);

(c) the Person or Persons (without specific identification) to whom interest on Securities of such series, or any Tranche thereof, shall be payable on any Interest Payment Date, if other than the Persons in whose names such Securities (or one or more Predecessor Securities) are registered at the close of business on the Regular Record Date for such interest;

(d) the date or dates on which the principal of the Securities of such series, or any Tranche thereof, is payable or any formulary or other method or other means by which such date or dates shall be determined, by reference to an index or other fact or event ascertainable outside of this Indenture or otherwise (without regard to any provisions for redemption, prepayment, acceleration, purchase or extension);

(e) the rate or rates at which the Securities of such series, or any Tranche thereof, shall bear interest, if any (including the rate or rates at which overdue principal shall bear interest, if different from the rate or rates at which such Securities shall bear

interest prior to Maturity, and, if applicable, the rate or rates at which overdue premium or interest shall bear interest, if any), or any formulary or other method or other means by which such rate or rates shall be determined, by reference to an index or other fact or event ascertainable outside of this Indenture or otherwise; the date or dates from which such interest shall accrue; the Interest Payment Dates on which such interest shall be payable and the Regular Record Date, if any, for the interest payable on such Securities on any Interest Payment Date; and the basis of computation of interest, if other than as provided in Section 310;

(f) the place or places at which and/or methods (if other than as provided elsewhere in this Indenture) by which (1) the principal of and premium, if any, and interest, if any, on Securities of such series, or any Tranche thereof, shall be payable, (2) registration of transfer of Securities of such series, or any Tranche thereof, may be effected, (3) exchanges of Securities of such series, or any Tranche thereof, may be effected and (4) notices and demands to or upon the Company in respect of the Securities of such series, or any Tranche thereof, and this Indenture may be served; the Security Registrar and any Paying Agent or Agents for such series or Tranche; and if such is the case, that the principal of such Securities shall be payable without presentment or surrender thereof;

(g) the period or periods within which, or the date or dates on which, the price or prices at which and the terms and conditions upon which the Securities of such series, or any Tranche thereof, may be redeemed, in whole or in part, at the option of the Company and any restrictions on such redemptions;

(h) the obligation or obligations, if any, of the Company to redeem or purchase or repay the Securities of such series, or any Tranche thereof, pursuant to any sinking fund or other mandatory redemption provisions or at the option of a Holder thereof and the period or periods within which or the date or dates on which, the price or prices at which and the terms and conditions upon which such Securities shall be redeemed or purchased, in whole or in part, pursuant to such obligation, and applicable exceptions to the requirements of Section 404 in the case of mandatory redemption or redemption at the option of the Holder;

(i) the denominations in which Securities of such series, or any Tranche thereof, shall be issuable if other than denominations of \$1,000 and any integral multiple thereof;

(j) the currency or currencies, including composite currencies, in which payment of the principal of and premium, if any, and interest, if any, on the Securities of such series, or any Tranche thereof, shall be payable (if other than in Dollars) and the manner in which the equivalent of the principal amount thereof in Dollars is to be determined for any purpose, including for the purpose of determining the principal amount deemed to be Outstanding at any time;

(k) if the principal of or premium, if any, or interest, if any, on the Securities of such series, or any Tranche thereof, are to be payable, at the election of the Company

or a Holder thereof, in a coin or currency 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 may be made;

(l) if the principal of or premium, if any, or interest, if any, on the Securities of such series, or any Tranche thereof, are to be payable, or are to be payable at the election of the Company or a Holder thereof, in securities or other property, the type and amount of such securities or other property, or the formulary or other method or other means by which such amount shall be determined, and the period or periods within which, and the terms and conditions upon which, any such election may be made;

(m) if the amount payable in respect of principal of or premium, if any, or interest, if any, on the Securities of such series, or any Tranche thereof, may be determined with reference to an index or other fact or event ascertainable outside of this Indenture, the manner in which such amounts shall be determined to the extent not established pursuant to clause (e), (g) or (h) of this paragraph;

(n) if other than the principal amount thereof, the portion of the principal amount of Securities of such series, or any Tranche thereof, which shall be payable upon declaration of acceleration of the Maturity thereof pursuant to Section 802;

(o) any Events of Default, in addition to those specified in Section 801, or any exceptions to those specified in Section 801, with respect to the Securities of such series, and any covenants of the Company for the benefit of the Holders of the Securities of such series, or any Tranche thereof, in addition to those set forth in Article Six, or any exceptions to those set forth in Article Six;

(p) the terms, if any, pursuant to which the Securities of such series, or any Tranche thereof, may be converted into or exchanged for shares of capital stock or other securities of the Company or any other Person;

(q) (i) the obligations or instruments, if any, which shall be considered to be Eligible Obligations in respect of the Securities of such series, or any Tranche thereof, denominated in a currency other than Dollars or in a composite currency, (ii) whether Eligible Obligations include Investment Securities other than Government Obligations with respect to Securities of such series, or any Tranche thereof, denominated in Dollars, and (iii) any provisions for satisfaction and discharge of Securities of any series, in addition to those set forth in Section 701, or any exceptions to those set forth in Section 701;

(r) if the Securities of such series, or any Tranche thereof, are to be issued in global form, (i) any limitations on the rights of the Holder or Holders of such Securities to transfer or exchange the same or to obtain the registration of transfer thereof, (ii) any limitations on the rights of the Holder or Holders thereof to obtain certificates therefor in definitive form in lieu of global form, (iii) any form of legend or legends to be borne on such global Security, (iv) the depository for such global Security, and (v) any and all other matters incidental to such Securities;

(s) if the Securities of such series, or any Tranche thereof, are to be issuable as bearer securities, any and all matters incidental thereto which are not specifically addressed in a supplemental indenture as contemplated by clause (g) of Section 1201;

(t) to the extent not established pursuant to clause (r) of this paragraph, any limitations on the rights of the Holders of the Securities of such Series, or any Tranche thereof, to transfer or exchange such Securities or to obtain the registration of transfer thereof; and if a service charge will be made for the registration of transfer or exchange of Securities of such series, or any Tranche thereof, the amount or terms thereof;

(u) any exceptions to Section 113, or variation in the definition of Business Day, with respect to the Securities of such series, or any Tranche thereof;

(v) any collateral security, assurance or guarantee for the Securities of such series in addition to those set forth in Section 605, or any exceptions to those set forth in Section 605;

(w) any rights or duties of another Corporation to assume the obligations of the Company with respect to the Securities of such series (whether as joint obligor, primary obligor, secondary obligor or substitute obligor) and any rights of any obligor on the Securities of such series to be discharged and released with respect to the Securities of such series or the Indenture to the extent related to such series;

(x) whether the Securities of such series are Benefitted Securities under Section 605; and

(y) any other terms of the Securities of such series, or any Tranche thereof, not inconsistent with the provisions of this Indenture.

With respect to Securities of a series subject to a Periodic Offering, the supplemental indenture hereto or the Board Resolution which establishes such series, or the Officer's Certificate pursuant to such supplemental indenture or Board Resolution, as the case may be, may provide general terms or parameters for Securities of such series and provide either that the specific terms of Securities of such series, or any Tranche thereof, shall be specified in a Company Order or that such terms shall be determined by the Company or its agents in accordance with procedures specified in a Company Order as contemplated by clause (b) of Section 303.

Unless otherwise provided with respect to a series of Securities as contemplated in Section 301(b), without the consent of any Holder, the aggregate principal amount of a series of Securities may be increased and additional Securities of such series may be issued up to the maximum aggregate principal amount authorized (if any) with respect to such series as increased.

SECTION 302. Denominations.

Unless otherwise provided as contemplated by Section 301 with respect to any series of Securities, or any Tranche thereof, the Securities of each series shall be issuable in denominations of \$1,000 and any integral multiple thereof.

SECTION 303. Execution, Authentication, Delivery and Dating.

Unless otherwise provided as contemplated by Section 301 with respect to any series of Securities, or any Tranche thereof, the Securities shall be executed on behalf of the Company by an Authorized Officer and may have the corporate seal of the Company affixed thereto or reproduced thereon attested by any other Authorized Officer or by the Secretary or an Assistant Secretary of the Company. The signature of any or all of these officers on the Securities may be manual or facsimile.

Securities bearing the manual or facsimile signatures of individuals who were at the time of execution Authorized Officers or the Secretary or an Assistant Secretary of the Company shall bind the Company, notwithstanding that such individuals or any of them have ceased to hold such offices prior to the authentication and delivery of such Securities or did not hold such offices at the date of such Securities.

The Trustee shall authenticate and deliver Securities of a series, for original issue, at one time or from time to time in accordance with the Company Order referred to below, upon receipt by the Trustee of:

- (a) the instrument or instruments establishing the form or forms and terms of such series, as provided in Sections 201 and 301;
- (b) a Company Order requesting the authentication and delivery of such Securities and, to the extent that the terms of such Securities shall not have been established in a supplemental indenture or in a Board Resolution, or in an Officer's Certificate pursuant to a supplemental indenture or a Board Resolution, all as contemplated by Sections 201 and 301, either (i) establishing such terms or (ii) in the case of Securities of a series subject to a Periodic Offering, specifying procedures, acceptable to the Trustee, by which such terms are to be established (which procedures may provide, to the extent acceptable to the Trustee, for authentication and delivery pursuant to oral or electronic instructions from the Company or any agent or agents thereof, which oral instructions are to be promptly confirmed electronically or in writing), in either case in accordance with the instrument or instruments establishing the terms of the Securities of such series delivered pursuant to clause (a) above;
- (c) the Securities of such series, executed on behalf of the Company by an Authorized Officer;
- (d) an Opinion of Counsel to the effect that:

- (i) the form or forms of such Securities have been duly authorized by the Company and have been established in conformity with the provisions of this Indenture;
- (ii) the terms of such Securities have been duly authorized by the Company and have been established in conformity with the provisions of this Indenture; and
- (iii) such Securities, when authenticated and delivered by the Trustee and issued and delivered by the Company in the manner and subject to any conditions specified in such Opinion of Counsel, will have been duly issued under this Indenture and will constitute valid and legally binding obligations of the Company, entitled to the benefits provided by this Indenture, and enforceable in accordance with their terms, subject, as to enforcement, to laws relating to or affecting generally the enforcement of creditors' rights, including, without limitation, bankruptcy and insolvency laws and to general principles of equity (regardless of whether such enforceability is considered in a proceeding in equity or at law);

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 only once at or prior to the time of the first authentication of such Securities (provided that such Opinion of Counsel addresses the authentication and delivery of all Securities of such series) and that in lieu of the opinions described in clauses (ii) and (iii) above such Opinion of Counsel may, alternatively, state that:

(x) when the terms of such Securities shall have been established pursuant to a Company Order or Orders or pursuant to such procedures (acceptable to the Trustee) as may be specified from time to time by a Company Order or Orders, all as contemplated by and in accordance with the instrument or instruments delivered pursuant to clause (a) above, such terms will have been duly authorized by the Company and will have been established in conformity with the provisions of this Indenture; and

(y) such Securities, when (1) authenticated and delivered by the Trustee in accordance with this Indenture, (2) issued and delivered by the Company and (3) paid for, all as contemplated by and in accordance with the aforesaid Company Order or Orders, as the case may be, will have been duly issued under this Indenture and will constitute valid and legally binding obligations of the Company, entitled to the benefits provided by the Indenture, and enforceable in accordance with their terms, subject, as to enforcement, to laws relating to or affecting generally the enforcement of creditors' rights, including, without limitation, bankruptcy and insolvency laws, and to general principles of equity (regardless of whether such enforceability is considered in a proceeding in equity or at law).

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 form, terms thereof and the legality, validity, binding effect and enforceability thereof, and compliance of the authentication and delivery thereof with the terms and conditions of this Indenture, upon the Opinion of Counsel and other documents delivered pursuant to Sections 201 and 301 and this Section, as applicable, at or prior to the time of the first authentication of Securities of such series unless and until such opinion or other documents have been superseded or revoked or expire by their terms. In connection with the authentication and delivery of Securities of a series subject to a Periodic Offering, the Trustee shall be entitled to assume that the Company's instructions to authenticate and deliver such Securities do not violate any applicable law or any applicable rule, regulation or order of any Governmental Authority having jurisdiction over the Company.

If the form or terms of the Securities of any series have been established by or pursuant to a Board Resolution, an Officer's Certificate or a Company Order as permitted by Sections 201, 301 or 303(b), the Trustee shall not be required to authenticate such Securities if the issuance of such Securities pursuant to this Indenture will materially or adversely 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.

Unless otherwise specified as contemplated by Section 301 with respect to any series of Securities, or any Tranche thereof, each Security shall be dated the date of its authentication.

Unless otherwise specified as contemplated by Section 301 with respect to any series of Securities, no Security shall be entitled to any benefit under this Indenture or be valid or obligatory for any purpose unless there appears on such Security a certificate of authentication substantially in the form provided for herein executed by the Trustee or an Authenticating Agent by manual signature, and such certificate upon any Security shall be conclusive evidence, and the only evidence, that such Security has been duly authenticated and delivered hereunder and is entitled to the benefits of this Indenture. Notwithstanding the foregoing, if any Security shall have been authenticated and delivered hereunder to the Company, or any Person acting on its behalf, but shall never have been issued and sold by the Company, and the Company shall deliver such Security to the Trustee for cancellation as provided in Section 309 together with a written statement (which need not comply with Section 102 and need not be accompanied by an Opinion of Counsel) stating that such Security has never been issued and sold by the Company, for all purposes of this Indenture such Security shall be deemed never to have been authenticated and delivered hereunder and shall never be entitled to the benefits hereof.

SECTION 304. Global or Temporary Securities.

The Company may issue some or all of the Securities in temporary or permanent global form. The Company may issue a global Security only to a depository, including The Depository Trust Company, or other clearing corporation or securities intermediary, or its nominee. A depository or its nominee may transfer a Security in global form only to a nominee of a depository or to a successor depository, but upon request of such depository, the Company shall deliver non-global Securities in exchange for global Securities. A global Security shall

represent the amount of Securities specified in the global Security. A global Security may have variations that the depository requires or that the Company considers appropriate for such a security, including grids for increasing or decreasing the principal amount of such Security. Beneficial owners of part or all of a global Security are subject to the rules of the depository as in effect from time to time. The Company, the Trustee and any Registrar and any Paying Agent shall not be responsible or liable for any acts or omissions of a depository, for any depository records of beneficial ownership interests, for any transactions between the depository and beneficial owners, for any aspect of the records relating to or payments made on account of beneficial ownership interests in a global Security or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

Until definitive Securities are ready for delivery, the Company may use temporary Securities. Temporary Securities shall be substantially in the form of definitive Securities but may have variations that the Company considers appropriate for temporary Securities. Without unreasonable delay, the Company shall deliver definitive Securities in exchange for temporary Securities. Until exchanged in full as hereinabove provided, temporary Securities shall in all respects be entitled to the same benefits under this Indenture as definitive Securities of the same series and Tranche and of like tenor authenticated and delivered hereunder.

SECTION 305. Registration, Registration of Transfer and Exchange.

The Company shall cause to be kept in each office designated pursuant to Section 602, with respect to the Securities of each series, a register (all registers kept in accordance with this Section being collectively referred to as the "Security Register") in which, subject to such reasonable regulations as it may prescribe, the Company shall provide for the registration of Securities of such series, or any Tranche thereof, and the registration of transfer thereof. The Company shall designate one Person to maintain the Security Register for the Securities of each series on a consolidated basis, and such Person is referred to herein, with respect to such series, as the "Security Registrar." Anything herein to the contrary notwithstanding, the Company may designate one or more of its offices as an office in which a register with respect to the Securities of one or more series shall be maintained, and the Company may designate itself the Security Registrar with respect to one or more of such series. The Security Register shall be open for inspection by the Trustee and the Company at all reasonable times. Unless otherwise specified in or pursuant to this Indenture or the Securities, the Trustee shall be the initial Security Registrar for each series of Securities.

Except as otherwise specified as contemplated by Section 301 with respect to the Securities of any series, or any Tranche thereof, upon surrender for registration of transfer of any Security of such series or Tranche at the office or agency of the Company maintained pursuant to Section 602 in a Place of Payment for such series or Tranche, the Company shall execute, and the Trustee shall authenticate and deliver, in the name of the designated transferee or transferees, one or more new Securities of the same series and Tranche, of authorized denominations and of like tenor and aggregate principal amount.

Except as otherwise specified as contemplated by Section 301 with respect to the Securities of any series, or any Tranche thereof, any Security of such series or Tranche may be exchanged at the option of the Holder, for one or more new Securities of the same series and

Tranche, of authorized denominations and of like tenor and aggregate principal amount, upon surrender of the Securities to be exchanged at any such office or agency. Whenever any Securities are so surrendered for exchange, the Company shall execute, and the Trustee shall authenticate and deliver, the Securities which the Holder making the exchange is entitled to receive.

All Securities delivered upon any registration of transfer or exchange of Securities shall be valid obligations of the Company, evidencing the same debt, and entitled to the same benefits under this Indenture, as the Securities surrendered upon such registration of transfer or exchange.

Every Security presented or surrendered for registration of transfer or for exchange shall (if so required by the Company, the Trustee or the Security Registrar) be duly endorsed or shall be accompanied by a written instrument of transfer in form satisfactory to the Company, the Trustee or the Security Registrar, as the case may be, duly executed by the Holder thereof or his attorney duly authorized in writing.

Unless otherwise specified as contemplated by Section 301 with respect to Securities of any series, or any Tranche thereof, no service charge shall be made for any registration of transfer or exchange of Securities, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in connection with any registration of transfer or exchange of Securities, other than exchanges pursuant to Section 304, 406 or 1206 not involving any transfer.

The Company shall not be required to execute or to provide for the registration of transfer of or the exchange of (a) Securities of any series, or any Tranche thereof, during a period of 15 days immediately preceding the date notice is to be given identifying the serial numbers of the Securities of such series or Tranche called for redemption, (b) any Security during the 15 days before an Interest Payment Date or (c) any Security selected for redemption in whole or in part, except the unredeemed portion of any Security being redeemed in part.

SECTION 306. Mutilated, Destroyed, Lost and Stolen Securities.

If any mutilated Security is surrendered to the Trustee, the Company shall execute and the Trustee shall authenticate and deliver in exchange therefor a new Security of the same series and Tranche, and of like tenor and principal amount and bearing a number not contemporaneously outstanding.

If there shall be delivered to the Company and the Trustee (a) evidence to their satisfaction of the ownership of and the destruction, loss or theft of any Security and (b) such security or indemnity as may be reasonably required by them to save each of them and any agent of either of them harmless, then, in the absence of notice to the Company or the Trustee that such Security has been acquired by a bona fide purchaser, the Company shall execute and the Trustee shall authenticate and deliver, in lieu of any such destroyed, lost or stolen Security, a new Security of the same series and Tranche, and of like tenor and principal amount and bearing a number not contemporaneously outstanding.

Notwithstanding the foregoing, in case any such mutilated, destroyed, lost or stolen Security has become or is about to become due and payable, the Company in its discretion may, instead of issuing a new Security, pay such Security.

Upon the issuance of any new Security under this Section, 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 reasonable expenses (including the fees and expenses of the Trustee) in connection therewith.

Every new Security of any series issued pursuant to this Section in lieu of any destroyed, lost or stolen Security shall constitute an original additional contractual obligation of the Company, whether or not the destroyed, lost or stolen Security shall be at any time enforceable by anyone other than the Holder of such new Security, and any such new Security shall be entitled to all the benefits of this Indenture equally and proportionately with any and all other Securities of such series duly issued hereunder.

The provisions of this Section are exclusive and shall preclude (to the extent lawful) all other rights and remedies with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities.

SECTION 307. Payment of Interest; Interest Rights Preserved.

Unless otherwise specified as contemplated by Section 301 with respect to the Securities of any series, or any Tranche thereof, interest on any Security which is payable, and is punctually paid or duly provided for, on any Interest Payment Date shall be paid to the Person in whose name that Security (or one or more Predecessor Securities) is registered at the close of business on the Regular Record Date for such interest; provided, that, any interest payable at Maturity shall be paid to the Person to whom the principal of such Security is payable.

Any interest on any Security of any series which is payable, but is not punctually paid or duly provided for, on any Interest Payment Date (herein called "Defaulted Interest"), other than at Maturity, shall forthwith cease to be payable to the Holder on the related Regular Record Date by virtue of having been such Holder, and such Defaulted Interest may be paid by the Company, at its election in each case, as provided in clause (a) or (b) below:

(a) The Company may elect to make payment of any Defaulted Interest to the Persons in whose names the Securities of such series (or their respective Predecessor Securities) are registered at the close of business on a date (herein called 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 Security of such series 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 on or prior to the date of the proposed payment, such money when deposited to be held in trust (and at the request of the Company, invested or reinvested in Government Obligations designated by the Company and maturing on or before the Special Record

Date fixed by the Trustee, any interest accruing on such Government Obligations to be promptly paid over to the Company as received free and clear of any lien) 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 be not more than 15 days and not 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 promptly 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 Holder of Securities of such series at the address of such Holder as it appears in the Security Register, 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 so mailed, such Defaulted Interest shall be paid to the Persons in whose names the Securities of such series (or their respective Predecessor Securities) are registered at the close of business on such Special Record Date.

(b) The Company may make payment of any Defaulted Interest on the Securities of any series 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.

Subject to the foregoing provisions of this Section and Section 305, each Security delivered under this Indenture upon registration of transfer of or in exchange for or in lieu of any other Security shall carry the rights to interest accrued and unpaid, and to accrue, which were carried by such other Security.

SECTION 308. Persons Deemed Owners.

Prior to due presentment of a Security for registration of transfer, the Company, the Trustee and any agent of the Company or the Trustee may treat the Person in whose name such Security is registered as the absolute owner of such Security for the purpose of receiving payment of principal of and premium, if any, and (subject to Sections 305 and 307) interest, if any, on such Security and for all other purposes whatsoever, whether or not such Security be overdue, and none of the Company, the Trustee or any agent of the Company or the Trustee shall be affected by notice to the contrary.

SECTION 309. Cancellation by Security Registrar.

All Securities surrendered for payment, redemption, registration of transfer or exchange or credit against any sinking fund payment shall, if surrendered to any Person other than the Security Registrar, be delivered to the Security Registrar and, if not theretofore canceled, shall be promptly canceled by the Security Registrar. The Company may at any time deliver to the Security Registrar for cancellation any Securities previously authenticated and delivered hereunder which the Company may have acquired in any manner whatsoever or which

the Company shall not have issued and sold, and all Securities so delivered shall be promptly canceled by the Security Registrar. No Securities shall be authenticated in lieu of or in exchange for any Securities canceled as provided in this Section, except as expressly permitted by this Indenture. All canceled Securities held by the Security Registrar shall be disposed of in accordance with the customary practices of the Security Registrar at the time in effect (subject to any record retention requirements of the Securities Exchange Act of 1934, as amended), and the Security Registrar shall not be required to destroy any such certificates. The Security Registrar shall promptly deliver a certificate of disposition to the Trustee and the Company unless, by a Company Order, similarly delivered, the Company shall direct that canceled Securities be returned to it. The Security Registrar shall promptly deliver evidence of any cancellation of a Security in accordance with this Section 309 to the Trustee and the Company.

SECTION 310. Computation of Interest.

Except as otherwise specified as contemplated by Section 301 for Securities of any series, or any Tranche thereof, interest on the Securities of each series shall be computed on the basis of a 360-day year consisting of twelve 30-day months and for any period shorter than a full month, on the basis of the actual number of days elapsed in such period.

SECTION 311. Payment to Be in Proper Currency.

In the case of the Securities of any series, or any Tranche thereof, 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 301, 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.

ARTICLE FOUR

Redemption of Securities

SECTION 401. Applicability of Article.

Securities of any series, or any Tranche thereof, which are redeemable before their Stated Maturity shall be redeemable in accordance with their terms and (except as otherwise specified as contemplated by Section 301 for Securities of such series or Tranche) in accordance with this Article.

SECTION 402. Election to Redeem; Notice to Trustee.

The election of the Company to redeem any Securities shall be evidenced by a Board Resolution or an Officer's Certificate. The Company shall, at least 45 days prior to the Redemption Date fixed by the Company (unless a shorter notice shall be satisfactory to the Trustee), notify the Trustee in writing of such Redemption Date and of the principal amount of such Securities to be redeemed. In the case of any redemption of Securities (a) prior to the expiration of any restriction on such redemption provided in the terms of such Securities or elsewhere in this Indenture or (b) pursuant to an election of the Company which is subject to a condition specified in the terms of such Securities, the Company shall furnish the Trustee with an Officer's Certificate evidencing compliance with such restriction or condition.

SECTION 403. Selection of Securities to Be Redeemed.

If less than all the Securities of any series, or any Tranche thereof, are to be redeemed, the particular Securities to be redeemed shall be selected by the Trustee from the Outstanding Securities of such series or Tranche not previously called for redemption, by such method as shall be provided for any particular series, or, in the absence of any such provision, by such method as the Trustee shall deem fair and appropriate and which may provide for the selection for redemption of portions (equal to any authorized denomination for Securities of such series or Tranche) of the principal amount of Securities of such series or Tranche of a denomination larger than the minimum authorized denomination for Securities of such series or Tranche; provided, however, that if, as indicated in an Officer's Certificate, the Company shall have offered to purchase all or any principal amount of the Securities then Outstanding of any series, or any Tranche thereof, and less than all of such Securities as to which such offer was made shall have been tendered to the Company for such purchase, the Trustee, if so directed by Company Order, shall select for redemption all or any principal amount of such Securities which have not been so tendered.

The Trustee shall promptly notify the Company and the Security Registrar in writing of the Securities selected for redemption and, in the case of any Securities selected to be redeemed in part, the principal amount thereof to be redeemed.

For all purposes of this Indenture, unless the context otherwise requires, all provisions relating to the redemption of Securities shall relate, in the case of any Securities redeemed or to be redeemed only in part, to the portion of the principal amount of such Securities which has been or is to be redeemed.

SECTION 404. Notice of Redemption.

Except as otherwise specified as contemplated by Section 301 for Securities of any series, notice of redemption shall be given in the manner provided in Section 106 to the Holders of the Securities to be redeemed not less than 30 days prior to the Redemption Date.

Except as otherwise specified as contemplated by Section 301 for Securities of any series, all notices of redemption shall state:

- (a) the Redemption Date,

- (b) the Redemption Price (if known),
- (c) if less than all the Securities of any series or Tranche are to be redeemed, the identification of the particular Securities to be redeemed and the portion of the principal amount of any Security to be redeemed in part,
- (d) that on the Redemption Date the Redemption Price, together with accrued interest, if any, to the Redemption Date, will become due and payable upon each such Security to be redeemed and, if applicable, that interest thereon will cease to accrue on and after said date,
- (e) the place or places where such Securities are to be surrendered for payment of the Redemption Price and accrued interest, if any, unless it shall have been specified as contemplated by Section 301 with respect to such Securities that such surrender shall not be required,
- (f) that the redemption is for a sinking or other fund, if such is the case,
- (g) the CUSIP, ISIN or other similar numbers, if any, assigned to such Securities; provided, however, that such notice may state that no representation is made as to the correctness of CUSIP, ISIN or other similar numbers, in which case none of the Company, the Trustee or any agent of the Company or the Trustee shall have any liability in respect of the use of any CUSIP, ISIN or other similar number or numbers on such notices, and the redemption of such Securities shall not be affected by any defect in or omission of such numbers, and
- (h) such other matters as the Company shall deem desirable or appropriate.

Unless otherwise specified with respect to any Securities in accordance with Section 301, with respect to any notice of redemption of Securities at the election of the Company, unless, upon the giving of such notice, such Securities shall be deemed to have been paid in accordance with Section 701, such notice may state that such redemption shall be conditional upon the receipt by the Paying Agent or Agents for such Securities, on or prior to the date fixed for such redemption, of money sufficient to pay the principal of and premium, if any, and interest, if any, on such Securities and that if such money shall not have been so received such notice shall be of no force or effect and the Company shall not be required to redeem such Securities. In the event that such notice of redemption contains such a condition and such money is not so received, the redemption shall not be made and within a reasonable time thereafter notice shall be given, in the manner in which the notice of redemption was given, that such money was not so received and such redemption was not required to be made, and the Paying Agent or Agents for the Securities otherwise to have been redeemed shall promptly return to the Holders thereof any of such Securities which had been surrendered for payment upon such redemption.

Notice of redemption of Securities to be redeemed at the election of the Company, and any notice of non-satisfaction of a condition for redemption as aforesaid, shall be given by the Company or, at the Company's request, by the Security Registrar in the name and at the

expense of the Company. Notice of mandatory redemption of Securities shall be given by the Security Registrar in the name and at the expense of the Company.

SECTION 405. Securities Payable on Redemption Date.

Notice of redemption having been given as aforesaid, and the conditions, if any, set forth in such notice having been satisfied, the Securities or portions thereof so to be redeemed shall, on the Redemption Date, become due and payable at the Redemption Price therein specified, and from and after such date (unless, in the case of an unconditional notice of redemption, the Company shall default in the payment of the Redemption Price and accrued interest, if any) such Securities or portions thereof, if interest-bearing, shall cease to bear interest. Upon surrender of any such Security for redemption in accordance with such notice, such Security or portion thereof shall be paid by the Company at the Redemption Price, together with accrued interest, if any, to the Redemption Date; provided, however, that no such surrender shall be a condition to such payment if so specified as contemplated by Section 301 with respect to such Security; and provided, further, that except as otherwise specified as contemplated by Section 301 with respect to such Security, any installment of interest on any Security the Stated Maturity of which installment is on or prior to the Redemption Date shall be payable to the Holder of such Security, or one or more Predecessor Securities, registered as such at the close of business on the related Regular Record Date according to the terms of such Security and subject to the provisions of Section 307.

SECTION 406. Securities Redeemed in Part.

Upon the surrender of any Security which is to be redeemed only in part at a Place of Payment therefor (with, if the Company or the Trustee so requires, due endorsement by, or a written instrument of transfer in form satisfactory to the Company and the Trustee duly executed by, the Holder thereof or his attorney duly authorized in writing), the Company shall execute, and the Trustee shall authenticate and deliver to the Holder of such Security, without service charge, a new Security or Securities of the same series and Tranche, of any authorized denomination requested by such Holder and of like tenor and in aggregate principal amount equal to and in exchange for the unredeemed portion of the principal of the Security so surrendered.

ARTICLE FIVE

Sinking Funds

SECTION 501. Applicability of Article.

The provisions of this Article shall be applicable to any sinking fund for the retirement of the Securities of any series, or any Tranche thereof, except as otherwise specified as contemplated by Section 301 for Securities of such series or Tranche.

The minimum amount of any sinking fund payment provided for by the terms of Securities of any series, or any Tranche thereof, 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, or any Tranche thereof, is herein referred to as an “optional sinking

fund payment". If provided for by the terms of Securities of any series, or any Tranche thereof, the cash amount of any sinking fund payment may be subject to reduction as provided in Section 502. Each sinking fund payment shall be applied to the redemption of Securities of the series or Tranche in respect of which it was made as provided for by the terms of such Securities.

SECTION 502. Satisfaction of Sinking Fund Payments with Securities.

The Company (a) may deliver to the Trustee Outstanding Securities (other than any previously called for redemption) of a series or Tranche in respect of which a mandatory sinking fund payment is to be made and (b) may apply as a credit Securities of such series or Tranche 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 such mandatory sinking fund payment with respect to the Securities of such series; provided, however, that no Securities shall be applied in satisfaction of a mandatory sinking fund payment if such Securities shall have been previously so applied. Securities so applied 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 sinking fund and the amount of such mandatory sinking fund payment shall be reduced accordingly.

SECTION 503. Redemption of Securities for Sinking Fund.

Not less than 45 days prior to each sinking fund payment date for the Securities of any series, or any Tranche thereof, the Company shall deliver to the Trustee an Officer's Certificate specifying:

- (a) the amount of the next succeeding mandatory sinking fund payment for such series or Tranche;
- (b) the amount, if any, of the optional sinking fund payment to be made together with such mandatory sinking fund payment;
- (c) the aggregate sinking fund payment;
- (d) the portion, if any, of such aggregate sinking fund payment which is to be satisfied by the payment of cash; and
- (e) the portion, if any, of such aggregate sinking fund payment which is to be satisfied by delivering and crediting Securities of such series or Tranche pursuant to Section 502 and stating the basis for such credit and that such Securities have not previously been so credited, and the Company shall also deliver to the Trustee any Securities to be so delivered.

If the Company shall not have delivered such Officer's Certificate and, to the extent applicable, all such Securities, the next succeeding sinking fund payment for such series or Tranche shall be made entirely in cash in the amount of the mandatory sinking fund payment. 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 403 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 404. Such notice having been duly given, the redemption of such Securities shall be made upon the terms and in the manner stated in Sections 405 and 406.

ARTICLE SIX

Covenants

SECTION 601. Payment of Principal, Premium and Interest.

The Company shall pay the principal of and premium, if any, and interest, if any, on the Securities of each series in accordance with the terms of such Securities and this Indenture.

SECTION 602. Maintenance of Office or Agency.

The Company shall maintain in each Place of Payment for the Securities of each series, or any Tranche thereof, an office or agency where payment of such Securities shall be made and/or where such Securities may be presented or surrendered for payment, where the registration of transfer or exchange of such Securities may be effected and where notices and demands to or upon the Company in respect of such Securities and this Indenture may be served. The Company shall give prompt written notice to the Trustee of the location, and any change in the location, of each such office or agency and prompt notice to the Holders of any such change in the manner specified in Section 106. If at any time the Company shall fail to maintain any such required office or agency in respect of Securities of any series, or any Tranche thereof, or shall fail to furnish the Trustee with the address thereof, payment of such Securities shall be made, registration of transfer or exchange thereof may be effected and notices and demands in respect thereof may be served at the Corporate Trust Office of the Trustee, and the Company hereby appoints the Trustee as its agent for all such purposes in any such event.

The Company may also from time to time designate one or more other offices or agencies with respect to the Securities of one or more series, or any Tranche thereof, for any or all of the foregoing purposes and may from time to time rescind such designations; provided, however, that, unless otherwise specified as contemplated by Section 301 with respect to the Securities of such series or Tranche, no such designation or rescission shall in any manner relieve the Company of its obligation to maintain an office or agency for such purposes in each Place of Payment for such Securities in accordance with the requirements set forth above. The Company shall give prompt written notice to the Trustee, and prompt notice to the Holders in the manner specified in Section 106, of any such designation or rescission and of any change in the location of any such other office or agency.

Anything herein to the contrary notwithstanding, any office or agency required by this Section may be maintained at an office of the Company, in which event the Company shall perform all functions to be performed at such office or agency.

SECTION 603. Money for Securities Payments to Be Held in Trust.

If the Company shall at any time act as its own Paying Agent with respect to the Securities of any series, or any Tranche thereof, it shall, on or before each due date of the principal of and premium, if any, and interest, if any, on any of such Securities, segregate and hold in trust for the benefit of the Persons entitled thereto a sum sufficient to pay the principal and premium or interest so becoming due until such sums shall be paid to such Persons or otherwise disposed of as herein provided. The Company shall promptly notify the Trustee of any failure by the Company (or any other obligor on such Securities) to make any payment of principal of or premium, if any, or interest, if any, on such Securities.

Whenever the Company shall have one or more Paying Agents for the Securities of any series, or any Tranche thereof, it shall, on or before each due date of the principal of and premium, if any, and interest, if any, on such Securities, deposit with such Paying Agents sums sufficient (without duplication) to pay the principal and premium or interest so becoming due, such sums 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 shall promptly notify the Trustee of any failure by it so to act.

The Company shall cause each Paying Agent for the Securities of any series, or any Tranche thereof, other than the Company or the Trustee, to execute and deliver to the Trustee an instrument in which such Paying Agent shall agree with the Trustee, subject to the provisions of this Section, that such Paying Agent shall:

- (a) hold all sums held by it for the payment of the principal of and premium, if any, or interest, if any, on such Securities in trust for the benefit of the Persons entitled thereto until such sums shall be paid to such Persons or otherwise disposed of as herein provided;
- (b) give the Trustee notice of any failure by the Company (or any other obligor upon such Securities) to make any payment of principal of or premium, if any, or interest, if any, on such Securities; and
- (c) at any time during the continuance of any such failure, upon the written request of the Trustee, forthwith pay to the Trustee all sums so held in trust by such Paying Agent and furnish to the Trustee such information as it possesses regarding the names and addresses of the Persons entitled to such sums.

The Company may at any time pay, or by Company Order 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 trusts as those upon which such sums were held by the Company or such Paying Agent and, if so stated in a Company Order delivered to the Trustee, in accordance with the provisions of Article Seven; 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.

Any money deposited with the Trustee or any Paying Agent, or then held by the Company, in trust for the payment of the principal of and premium, if any, or interest, if any, on

any Security and remaining unclaimed for two years after such principal and premium, if any, or interest has become due and payable shall be paid to the Company on Company Request, or, if then held by the Company, shall be discharged from such trust; and, upon such payment or discharge, the Holder of such Security shall, as an unsecured general creditor and not as a Holder of an Outstanding Security, look only to the Company for payment of the amount so due and payable and remaining unpaid, and all liability of the Trustee or such Paying Agent with respect to such trust money, and all liability of the Company as trustee thereof, shall thereupon cease.

SECTION 604. Corporate Existence.

Subject to the rights of the Company under Article Eleven, the Company shall do or cause to be done all things necessary to preserve and keep in full force and effect its legal existence as a Corporation.

SECTION 605. Limitation on Secured Debt.

(a) So long as any Securities of any series are Outstanding with respect to which this covenant is specified as benefitting as contemplated by Section 301 (the "Benefitted Securities"), the Company shall not create, issue, incur or assume any Secured Debt (other than Permitted Secured Debt), except as expressly contemplated in subsections (b) and (c) of this Section. This covenant is included in this Indenture solely for the benefit of series of Securities which are designated as Benefitted Securities as contemplated by Section 301.

(b) the provisions of clause (a) above shall not prohibit the creation, issuance, incurrence or assumption of any Secured Debt if either

(i) the Company shall make effective provision whereby all Securities then Outstanding shall be secured equally and ratably with such Secured Debt through the Release Date; or

(ii) the Company shall deliver to the Trustee bonds, notes or other evidences of indebtedness secured by the Lien which secures such Secured Debt (hereinafter called "Secured Obligations") (A) in an aggregate principal amount equal to the aggregate principal amount of the Securities then Outstanding, (B) maturing (or being subject to mandatory redemption) on such dates and in such principal amounts that, at each Stated Maturity of the Outstanding Securities, there shall mature (or be redeemed) Secured Obligations equal in principal amount to the Securities then to mature and (C) containing, in addition to any mandatory redemption provisions applicable to all Secured Obligations outstanding under such Lien and any mandatory redemption provisions contained therein pursuant to clause (B) above, mandatory redemption provisions correlative to the provisions, if any, for the mandatory redemption (pursuant to a sinking fund or otherwise) of the Securities or for the redemption thereof at the option of the Holder, as well as a provision for mandatory redemption upon an acceleration of the maturity of all Outstanding Securities following an Event of Default (such mandatory redemption to be rescinded upon the rescission of such acceleration); it

being expressly understood that such Secured Obligations (X) may, but need not, bear interest, (Y) may, but need not, contain provisions for the redemption thereof at the option of the issuer, any such redemption to be made at a redemption price or prices not less than the principal amount thereof and (Z) shall be held by the Trustee for the benefit of the Holders of all Securities from time to time Outstanding subject to such terms and conditions relating to surrender to the Company (including the surrender on or after the Release Date), transfer restrictions, voting, application of payments of principal and interest and other matters as shall be set forth in an indenture supplemental hereto specifically providing for the delivery to the Trustee of such Secured Obligations.

(c) If the Company shall elect either of the alternatives described in clause (b) above, the Company shall deliver to the Trustee:

(i) an indenture supplemental to the Indenture (A) together with appropriate inter-creditor arrangements, whereby all Securities then Outstanding shall be secured by the Lien referred to in clause (b) above equally and ratably with all other indebtedness secured by such Lien or (B) providing for the delivery to the Trustee of Secured Obligations;

(ii) an Officer's Certificate (A) stating that, to the knowledge of the signer, (1) no Event of Default has occurred and is continuing and (2) no event has occurred and is continuing which entitles the secured party under such Lien to accelerate the maturity of the indebtedness then outstanding secured by such Lien and (B) stating the aggregate principal amount of indebtedness issuable, and then proposed to be issued, under and secured by such Lien;

(iii) an Opinion of Counsel (A) if the Securities then Outstanding are to be secured by such Lien, to the effect that all such Securities then Outstanding are entitled to the benefit of such Lien equally and ratably with all other indebtedness then outstanding secured by such Lien or (B) if Secured Obligations are to be delivered to the Trustee, to the effect that such Secured Obligations have been duly issued under or pursuant to the indenture or agreement creating such Lien and constitute valid obligations, entitled to the benefit of such Lien equally and ratably with all other indebtedness then outstanding secured by such Lien.

(d) For all purposes of this Indenture, except as otherwise expressly provided or unless the context otherwise requires:

“Capital Lease Obligations” means obligations of the Company under any lease agreement (including any lease intended as security) which, under generally accepted accounting principles as in effect at the time such lease is entered, are required to be capitalized on the balance sheet of the Company and which shall include the Existing Capital Lease Obligations.

“Debt” means (i) indebtedness of the Company for borrowed money evidenced by a bond, debenture, note or other written instrument or agreement by which the

Company is obligated to repay such borrowed money, (ii) any guaranty by the Company of any such indebtedness of another Person, and (iii) Capital Lease Obligations. "Debt" does not include, among other things, (x) indebtedness of the Company under any installment sale or conditional sale agreement or any other agreement relating to indebtedness for the deferred purchase price of property or services, (y) obligations of the Company under any lease agreement which are not Capital Lease Obligations, or (z) liabilities secured by any Lien on any property owned by the Company if and to the extent that the Company has not assumed or otherwise become liable for the payment thereof.

"Excepted Property" means:

(i) all cash on hand or in banks or other financial institutions, deposit accounts, securities accounts, securities entitlements, commodity accounts, shares of stock, interests in general or limited partnerships, bonds, notes, other evidences of indebtedness and other securities, of whatsoever kind and nature, not hereafter paid or delivered to, deposited with or held by the Trustee hereunder or required so to be;

(ii) all contracts, leases, operating agreements and other agreements of whatsoever kind and nature; all contract rights, bills, notes and other instruments and chattel paper (except to the extent that any of the same constitute securities, in which case they are separately excepted under clause (i) above); all revenues, income and earnings, all accounts, accounts receivable and unbilled revenues, and all rents, tolls, issues, products and profits, claims, credits, demands and judgments; all governmental and other licenses, permits, franchises, consents and allowances; and all patents, patent licenses and other patent rights, patent applications, trade names, trademarks, copyrights, claims, credits, choses in action and other intangible property and general intangibles including, but not limited to, computer software;

(iii) all automobiles, buses, trucks, truck cranes, tractors, trailers and similar vehicles and movable equipment; all rolling stock, rail cars and other railroad equipment; all vessels, boats, barges and other marine equipment; all airplanes, helicopters, aircraft engines and other flight equipment; all parts, accessories and supplies used in connection with any of the foregoing; and all personal property of such character that the perfection of a security interest therein or other Lien thereon is not governed by the Uniform Commercial Code as in effect in the jurisdiction in which such property is located or in the jurisdiction under the laws of which the Company is organized;

(iv) all goods, stock in trade, wares, merchandise and inventory held for the purpose of sale or lease in the ordinary course of business; all materials, supplies, inventory and other items of personal property which are consumable (otherwise than by ordinary wear and tear) in their use in the operation of any property of the Company; all fuel, including nuclear fuel, whether or not any such fuel is in a form consumable in the operation of any property of the Company,

including separate components of any fuel in the forms in which such components exist at any time before, during or after the period of the use thereof as fuel; all hand and other portable tools and equipment; all furniture and furnishings; and computers and data processing, data storage, data transmission, telecommunications and other facilities, equipment and apparatus, which, in any case, are used primarily for administrative or clerical purposes or are otherwise not necessary for the operation or maintenance of the facilities, machinery, equipment or fixtures of the Company for (A) the generation, transmission or distribution of electric energy, (B) the transmission, storage or distribution of gas or (C) the appropriation, storage, transmission or distribution of water;

(v) all coal, ore, gas, oil and other minerals and all timber, and all rights and interests in any of the foregoing, whether or not such minerals or timber shall have been mined or extracted or otherwise separated from the land; and all electric energy, gas (natural or artificial), steam, water and other products generated, produced, manufactured, purchased or otherwise acquired by the Company;

(vi) all real property, leaseholds, gas rights, wells, gathering, tap or other pipe lines, or facilities, equipment or apparatus, in any case used or to be used primarily for the production or gathering of natural gas;

(vii) all property which is the subject of a lease agreement designating the Company as lessee and all right, title and interest of the Company in and to such property and in, to and under such lease agreement, except for the property which is subject to a lease agreement for which the obligations of the Company under such lease are Capital Lease Obligations; and

(viii) all property, real, personal and mixed, that is not located in the State of Arizona or the State of New Mexico and is not used by the Company in the business of the generation, transmission and/or distribution of electric energy.

“Existing Capital Lease Obligations” means the obligations of the Company under the lease agreements which were capitalized on the consolidated balance sheet of the Company as of September 30, 2011.

“Lien” means any mortgage, deed of trust, pledge, security interest, conditional sale or other title retention agreement or any lease in the nature thereof.

“Mortgage Bonds” means bonds, notes or other obligations issued under a Mortgage Indenture.

“Mortgage Indenture” means (i) the Indenture of Mortgage and Deed of Trust, dated as of December 1, 1992 of the Company executed and delivered to Bank of Montreal Trust Company, predecessor of The Bank of New York Mellon, as trustee, as such indenture has been heretofore and is hereafter amended and supplemented (the “1992 Mortgage”), and (ii) any other indenture, mortgage and/or deed of trust (a) executed and delivered by the Company subsequent to the date of this Indenture in which

the Company grants a Lien on properties of the Company used in the generation, transmission and/or distribution of electric energy, whether such indenture, mortgage or deed of trust is in addition to, or in replacement of, the 1992 Mortgage and (b) which has been designated by the Company in a written notice to the Trustee as a "Mortgage Indenture".

"Permitted Secured Debt" means, as of any particular time, any of the following:

(i) Secured Debt which matures less than one year from the date of the issuance or incurrence thereof and is not extendible at the option of the issuer; and any refundings, refinancings and/or replacements of any such Secured Debt by or with similar Secured Debt;

(ii) Secured Debt secured by Purchase Money Liens or any other Liens existing or placed upon property at the time of, or within one hundred eighty (180) days after, the acquisition thereof by the Company, and any refundings, refinancings and/or replacements of any such Secured Debt; provided, however, that no such Purchase Money Lien or other Lien shall extend to or cover any property of the Company other than (A) the property so acquired and improvements, extensions and additions to such property and renewals, replacements and substitutions of or for such property or any part or parts thereof and (B) with respect to Purchase Money Liens, other property subsequently acquired by the Company;

(iii) Secured Debt originally issued by a Corporation with or into which the Company merges or consolidates which is secured by a Lien existing at the time of such merger or consolidation, and any refundings, refinancings and/or replacements of any such Secured Debt; provided, however, that no such Lien shall extend to or cover any property of the Company (as constituted immediately prior to such merger or consolidation) other than the property subject to such Liens immediately prior to such merger or consolidation and improvements, extensions and additions to such property and renewals, replacements and substitutions of or for such property or any part or parts thereof;

(iv) the Mortgage Bonds issued and Outstanding as of the date of the initial issuance of the first series of Benefitted Securities under this Indenture and any refundings, refinancings and/or replacements of any such Mortgage Bonds within forty-five (45) days of the retirement of such Mortgage Bonds by or with other Mortgage Bonds (which Mortgage Bonds may evidence or secure other Debt of the Company);

(v) the Existing Capital Lease Obligations;

(vi) Secured Debt relating to governmental obligations the interest on which is not included in gross income for purposes of federal income taxation, issued for the purpose of financing or refinancing, in whole or in part, costs of

acquisition or construction of property to be used by the Company, to the extent that the Lien which secures such Secured Debt is required either by applicable law or by the issuer of such governmental obligations or is otherwise necessary in order to establish or maintain such exclusion from gross income; and any refundings, refinancings and/or replacements of any such Secured Debt by or with similar Secured Debt;

(vii) Secured Debt (A) which is related to the construction or acquisition of property not previously owned by the Company or (B) which is related to the financing of a project involving the development or expansion of property of the Company and (C) in either case, the obligee in respect of which has no recourse to the Company or any property of the Company other than the property constructed or acquired with the proceeds of such transaction or the project financed with the proceeds of such transaction (or the proceeds of such property or such project); and any refundings, refinancings and/or replacements of any such Secured Debt by or with Secured Debt described in clause (C) above;

(viii) Secured Debt permitted under clause (b) above; and

(ix) in addition to the Permitted Secured Debt described in clauses (i) through (viii) above, Secured Debt not otherwise permitted constituting "Permitted Secured Debt" in an aggregate principal amount not exceeding the greater of (a) 10% of the Tangible Assets and (b) 10% of Total Capitalization, each as shown on the consolidated balance sheet of the Company dated as of the end of the latest fiscal quarter of the Company prior to the date of the creation, issuance, incurrence or assumption of such Secured Debt.

"Purchase Money Lien" means, with respect to any property being acquired by the Company, a Lien on such property which

(i) is taken or retained by the transferor of such property to secure all or part of the purchase price thereof;

(ii) is granted to one or more Persons other than the transferor which, by making advances or incurring an obligation, give value to enable the grantor of such Lien to acquire rights in or the use of such property;

(iii) is held by a trustee or agent for the benefit of one or more Persons described in clause (i) or (ii) above, provided that such Lien may be held, in addition, for the benefit of one or more other Persons which shall have theretofore given, or may thereafter give, value to or for the benefit or account of the grantor of such Lien for one or more other purposes; or

(iv) otherwise constitutes a purchase money mortgage or a purchase money security interest under applicable law;

and, without limiting the generality of the foregoing, for purposes of this Indenture, the term Purchase Money Lien shall be deemed to include any Lien

described above whether or not such Lien (A) shall permit the issuance or other incurrence of additional indebtedness secured by such Lien on such property, (B) shall permit the subjection to such Lien of additional property and the issuance or other incurrence of additional indebtedness on the basis thereof and/or (C) shall have been granted prior to the acquisition of such property, shall attach to or otherwise cover property other than the property being acquired and/or shall secure obligations issued prior and/or subsequent to the issuance of the obligations delivered in connection with such acquisition.

“Release Date” means the date, if any, following the election by the Company of either of the alternatives described in clause (b) above on which (i) either no Benefitted Securities shall remain Outstanding or no Secured Debt is then outstanding (other than the Securities) that following the Release Date will benefit from the Lien then securing the Securities or Secured Obligations held by the Trustee and (ii) any additional conditions precedent to the release of the Lien securing the Securities or the surrender of the Secured Obligations held by the Trustee provided in the indenture supplemental hereto contemplated by clause (c) above have been satisfied.

“San Carlos” means San Carlos Resources Inc., an Arizona corporation. For purposes of this Section, as long as San Carlos remains, directly or indirectly, a majority-owned subsidiary of the Company, the term “Company” in clause (a) of this Section and in the definitions set forth in clause (d) of this Section (other than in subclause (b) of clause (ix) of the definition of Permitted Secured Debt, clause (i) of the definition of Mortgage Indenture and the definitions of Release Date, Tangible Assets and Total Capitalization) shall be deemed to include San Carlos and the capital stock of San Carlos held by the Company shall not be deemed to be Excepted Property.

“Secured Debt” means Debt created, issued, incurred or assumed by the Company which is secured by a Lien upon any property (other than Excepted Property) of the Company, real, personal or mixed, of whatever kind or nature and wherever located, whether owned at the date of the initial authentication and delivery of Securities hereunder, or thereafter acquired. For purposes of this Section, any Capitalized Lease Obligations of the Company will be deemed to be Debt secured by a Lien on the Company’s property.

“Tangible Assets” means (i) total assets of the Company and its consolidated subsidiaries minus (ii) the aggregate amount of all intangible assets (other than intangible assets the cost of which is expected by the Company to be recovered through revenues from the sale of electrical capacity and/or energy or the provision of related services), in each case as shown on the consolidated balance sheet of the Company, all as determined in accordance with generally accepted accounting principles as applied to entities conducting the same businesses as the Company.

“Total Capitalization” means the total of all the following items appearing on, or included in, the consolidated balance sheet of the Company; (i) liabilities for indebtedness maturing more than 12 months from the date of determination, and (ii) common stock, common stock expense, accumulated other comprehensive income or

loss, preferred stock, preference stock, premium on common stock and retained earnings (however the foregoing may be designated), less, to the extent not otherwise deducted, the cost of shares of the Company's capital stock held in the Company's treasury, if any, all as determined in accordance with generally accepted accounting principles as applied to entities conducting the same businesses as the Company.

SECTION 606. Annual Officer's Certificate as to Compliance.

Not later than May 1 in each year, commencing the first May 1 after the first issuance of Securities pursuant to this Indenture, the Company shall deliver to the Trustee an Officer's Certificate which need not comply with Section 102, executed by the principal executive officer, the principal financial officer or the principal accounting officer of the Company, as to such officer's knowledge of the Company's compliance with all conditions and covenants under this Indenture, such compliance to be determined without regard to any period of grace or requirement of notice under this Indenture, and making any other statements as may be required by the provisions of Section 314(a)(4) of the Trust Indenture Act.

SECTION 607. Waiver of Certain Covenants.

The Company may omit in any particular instance to comply with any term, provision or condition set forth in (a) Section 602 or 605 or any additional covenant or restriction specified with respect to the Securities of any series, or any Tranche thereof, as contemplated by Section 301, if before the time for such compliance the Holders of a majority in aggregate principal amount of the Outstanding Securities of all series and Tranches with respect to which compliance with Section 602 or 605 or such additional covenant or restriction is to be omitted, considered as one class, shall by Act of such Holders, either waive such compliance in such instance or generally waive compliance with such term, provision or condition and (b) Section 604 or Article Eleven if before the time for such compliance the Holders of a majority in aggregate principal amount of Securities Outstanding under this Indenture shall, by Act of such Holders, either waive such compliance in such instance or generally waive compliance with such term, provision or condition; but, in the case of (a) or (b), no such waiver shall extend to or affect such term, provision or condition except to the extent so expressly waived, and, until such waiver shall become effective, the obligations of the Company and the duties of the Trustee in respect of any such term, provision or condition shall remain in full force and effect.

ARTICLE SEVEN

Satisfaction and Discharge

SECTION 701. Satisfaction and Discharge of Securities.

Any Security or Securities, or any portion of the principal amount thereof, shall be deemed to have been paid for all purposes of this Indenture, and the entire indebtedness of the Company in respect thereof shall be deemed to have been satisfied and discharged, if there shall have been irrevocably deposited with the Trustee or any Paying Agent (other than the Company), in trust:

- (a) money in an amount which shall be sufficient, or

(b) in the case of a deposit made prior to the Maturity of such Securities or portions thereof, Eligible Obligations, which shall not contain provisions permitting the redemption or other prepayment thereof at the option of the issuer thereof, the principal of and the interest on which when due, without any regard to reinvestment thereof, will provide moneys which, together with the money, if any, deposited with or held by the Trustee or such Paying Agent, shall be sufficient, or

(c) a combination of (a) or (b) which shall be sufficient,

to pay when due the principal of and premium, if any, and interest, if any, due and to become due on such Securities or portions thereof on or prior to Maturity; provided, however, that in the case of the provision for payment or redemption of less than all the Securities of any series or Tranche, such Securities or portions thereof shall have been selected by the Trustee as provided herein and, in the case of a redemption, the notice requisite to the validity of such redemption shall have been given or irrevocable authority shall have been given by the Company to the Trustee to give such notice, under arrangements satisfactory to the Trustee; and provided, further, that the Company shall have delivered to the Trustee and such Paying Agent:

(x) if such deposit shall have been made prior to the Maturity of such Securities, a Company Order stating that the money and Eligible Obligations deposited in accordance with this Section shall be held in trust, as provided in Section 703; and

(y) if Eligible Obligations shall have been deposited, an Opinion of Counsel to the effect that such obligations constitute Eligible Obligations and do not contain provisions permitting redemption or other prepayment thereof at the option of the issuer thereof, and a written statement on an independent public accountant of nationally recognized standing, selected by the Company, to the effect that the other requirements set forth in clause (b) and (c) above have been satisfied; and

(z) if the Company intends such deposit to satisfy and discharge its indebtedness in respect of such Securities or portions thereof prior to the Maturity of such Securities or portion thereof, an Officer's Certificate stating the Company's intention that, upon delivery of such Officer's Certificate, its indebtedness in respect of such Securities or portions thereof will have been satisfied and discharged as contemplated in this Section.

Upon the deposit of money or Eligible Obligations, or both, in accordance with this Section, together with the documents required by clauses (x), (y) and (z) above, the Trustee shall, upon receipt of a Company Request, acknowledge in writing that the Security or Securities or portions thereof with respect to which such deposit was made are deemed to have been paid for all purposes of this Indenture and that the entire indebtedness of the Company in respect thereof has been satisfied and discharged as contemplated in this Section. In the event that all of the conditions set forth in the preceding paragraph shall have been satisfied in respect of any Securities or portions thereof except that, for any reason, the Officer's Certificate specified in clause (z) shall not have been delivered, such Securities or portions thereof shall nevertheless be

deemed to have been paid for all purposes of this Indenture, and the Holders of such Securities or portions thereof shall nevertheless be no longer entitled to the benefits of this Indenture or of any of the covenants of the Company under Article Six (except the covenants contained in Sections 602 and 603) or any other covenants made in respect of such Securities or portions thereof as contemplated by Section 301, but the indebtedness of the Company in respect of such Securities or portions thereof shall not be deemed to have been satisfied and discharged prior to Maturity for any other purpose, and the Holders of such Securities or portions thereof shall continue to be entitled to look to the Company for payment of the indebtedness represented thereby; and, upon Company Request, the Trustee shall acknowledge in writing that such Securities or portions thereof are deemed to have been paid for all purposes of this Indenture.

If payment at Stated Maturity of less than all of the Securities of any series, or any Tranche thereof, is to be provided for in the manner and with the effect provided in this Section, the Trustee shall select such Securities, or portions of principal amount thereof, in the manner specified by Section 403 for selection for redemption of less than all the Securities of a series or Tranche.

In the event that Securities which shall be deemed to have been paid for purposes of this Indenture, and, if such is the case, in respect of which the Company's indebtedness shall have been satisfied and discharged, all as provided in this Section do not mature and are not to be redeemed within the 60 day period commencing with the date of the deposit of moneys or Eligible Obligations, as aforesaid, the Company shall, as promptly as practicable, give a notice, in the same manner as a notice of redemption with respect to such Securities, to the Holders of such Securities to the effect that such deposit has been made and the effect thereof.

Notwithstanding that any Securities shall be deemed to have been paid for purposes of this Indenture, as aforesaid, the obligations of the Company and the Trustee in respect of such Securities under Sections 304, 305, 306, 404, 503 (as to notice of redemption), 602, 603, 907 and 915 and this Article Seven shall survive such satisfaction and discharge.

The Company shall pay, and shall indemnify the Trustee or any Paying Agent with which Eligible Obligations shall have been deposited as provided in this Section against, any tax, fee or other charge imposed on or assessed against such Eligible Obligations or the principal or interest received in respect of such Eligible Obligations, including, but not limited to, any such tax payable by any entity deemed, for tax purposes, to have been created as a result of such deposit.

Anything herein to the contrary notwithstanding, (a) if, at any time after a Security would be deemed to have been paid for purposes of this Indenture, and, if such is the case, the Company's indebtedness in respect thereof would be deemed to have been satisfied and discharged, pursuant to this Section (without regard to the provisions of this paragraph), the Trustee or any Paying Agent, as the case may be, (i) shall be required to return the money or Eligible Obligations, or combination thereof, deposited with it as aforesaid to the Company or its representative under any applicable Federal or State bankruptcy, insolvency or other similar law, or (ii) is unable to apply any money in accordance with this Article with respect to any Securities by reason of any order or judgment of any court or Governmental Authority enjoining, restraining or otherwise prohibiting such application, such Security shall thereupon be deemed

retroactively not to have been paid and any satisfaction and discharge of the Company's indebtedness in respect thereof shall retroactively be deemed not to have been effected, and such Security shall be deemed to remain Outstanding and (b) any satisfaction and discharge of the Company's indebtedness in respect of any Security shall be subject to the provisions of the last paragraph of Section 603.

SECTION 702. Satisfaction and Discharge of Indenture.

This Indenture shall upon Company Request accompanied by an Officer's Certificate and an Opinion of Counsel in compliance with Section 102, cease to be of further effect (except as hereinafter expressly provided), and the Trustee, at the expense of the Company, shall execute proper instruments acknowledging satisfaction and discharge of this Indenture, when

- (a) no Securities remain Outstanding hereunder; and
- (b) the Company has paid or caused to be paid, or made provision acceptable to the Trustee for payment of, all other sums payable hereunder by the Company;

provided, however, that if, in accordance with the last paragraph of Section 701, any Security, previously deemed to have been paid for purposes of this Indenture, shall be deemed retroactively not to have been so paid, this Indenture shall thereupon be deemed retroactively not to have been satisfied and discharged, as aforesaid, and to remain in full force and effect, and the Company shall execute and deliver such instruments as the Trustee shall reasonably request to evidence and acknowledge the same.

Notwithstanding the satisfaction and discharge of this Indenture as aforesaid, the obligations of the Company and the Trustee under Sections 304, 305, 306, 404, 503 (as to notice of redemption), 602, 603, 907 and 915 and this Article Seven shall survive such satisfaction and discharge.

Upon satisfaction and discharge of this Indenture as provided in this Section, the Trustee shall assign, transfer and turn over to the Company, subject to the lien provided by Section 907, any and all money, securities and other property then held by the Trustee for the benefit of the Holders of the Securities other than money and Eligible Obligations held by the Trustee pursuant to Section 703 and shall execute and deliver to the Company such instruments as, in the judgment of the Company, shall be necessary, desirable or appropriate to effect or evidence the satisfaction and discharge of this Indenture.

SECTION 703. Application of Trust Money.

Neither the Eligible Obligations nor the money deposited pursuant to Section 701, nor the principal or interest payments on any such Eligible Obligations, shall be withdrawn or used for any purpose other than, and shall be held in trust for, the payment of the principal of and premium, if any, and interest, if any, on the Securities or portions of principal amount thereof in respect of which such deposit was made, all subject, however, to the provisions of Section 603; provided, however, that, so long as there shall not have occurred and be continuing an Event of Default, any cash received from such principal or interest payments on such Eligible Obligations,

if not then needed for such purpose, shall, to the extent practicable and upon Company Request and delivery to the Trustee of the documents referred to in clause (y) in the first paragraph of Section 701, be invested in Eligible Obligations of the type described in clause (b) in the first paragraph of Section 701 maturing at such times and in such amounts as shall be sufficient, together with any other moneys and the proceeds of any other Eligible Obligations then held by the Trustee, to pay when due the principal of and premium, if any, and interest, if any, due and to become due on such Securities or portions thereof on and prior to the Maturity thereof, and interest earned from such reinvestment shall be paid over to the Company as received, free and clear of any trust, lien or pledge under this Indenture except the lien provided by Section 907; and provided, further, that, so long as there shall not have occurred and be continuing an Event of Default, any moneys held in accordance with this Section on the Maturity of all such Securities in excess of the amount required to pay the principal of and premium, if any, and interest, if any, then due on such Securities shall be paid over to the Company free and clear of any trust, lien or pledge under this Indenture except the lien provided by Section 907; and provided, further, that if an Event of Default shall have occurred and be continuing, moneys to be paid over to the Company pursuant to this Section shall be held until such Event of Default shall have been waived or cured.

At any time before or after depositing any money or Eligible Obligations with the Trustee under this Article, the Company may by written notice to the Trustee (1) irrevocably waive any or all of its rights to any residual interest in such money or Eligible Obligations, including any interest earned or excess amounts, (2) advise the Trustee to purchase Eligible Obligations or otherwise invest money or proceeds held in trust within the limitations specified in this section, (3) provide advice to the Trustee as to matters arising in connection with the Trustee's servicing of the trust established pursuant to this section with respect to such money or Eligible Obligations, or (4) irrevocably waive any or all of its rights to any involvement with such money, Eligible Obligations or the trust established pursuant to this section.

ARTICLE EIGHT

Events of Default; Remedies

SECTION 801. Events of Default.

"Event of Default", wherever used herein with respect to Securities of any series, means any one of the following events:

- (a) failure to pay interest, if any, on any Security of such series within 30 days after the same becomes due and payable; or
- (b) failure to pay the principal of or premium, if any, on any Security of such series at its Maturity; or
- (c) failure to perform or breach of any covenant or warranty of the Company in this Indenture (other than a covenant or warranty a default in the performance of which or breach of which is elsewhere in this Section specifically dealt with or which has expressly been 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 there has been given, by registered or certified mail, to the Company by the Trustee, or to the Company and the Trustee by the Holders of at least 33% in principal amount of the Outstanding Securities of such series, a written notice specifying such default or breach and requiring it to be remedied and stating that such notice is a "Notice of Default" hereunder, unless the Trustee, or the Trustee and the Holders of a principal amount of Securities of such series not less than the principal amount of Securities the Holders of which gave such notice, as the case may be, shall agree in writing to an extension of such period prior to its expiration; provided, however, that the Trustee, or the Trustee and the Holders of such principal amount of Securities of such series, as the case may be, shall be deemed to have agreed to an extension of such period if corrective action is initiated by the Company within such period and is being diligently pursued and written notice of the initiation of such corrective action is given to the Trustee within such period; or

(d) the entry by a court having jurisdiction in the premises of (1) a decree or order for relief in respect of the Company in an involuntary case or proceeding under any applicable Federal or State bankruptcy, insolvency, reorganization or other similar law or (2) a decree or order adjudging the Company a bankrupt or insolvent, or approving as properly filed a petition by one or more Persons other than the Company seeking reorganization, arrangement, adjustment or composition of or in respect of the Company under any applicable Federal or State bankruptcy, insolvency or similar law, or appointing a custodian, receiver, liquidator, assignee, trustee, sequestrator or other similar official for the Company or for any substantial part of its property, or ordering the winding up or liquidation of its affairs, and any such decree or order for relief or any such other decree or order shall have remained unstayed and in effect for a period of 90 consecutive days; or

(e) the commencement by the Company of a voluntary case or proceeding under any applicable Federal or State bankruptcy, insolvency, reorganization or other similar law or of any other case or proceeding to be adjudicated a bankrupt or insolvent, or the consent by it to the entry of a decree or order for relief in respect of the Company in a case or proceeding under any applicable Federal or State bankruptcy, insolvency, reorganization or other similar law or to the commencement of any bankruptcy or insolvency case or proceeding against it, or the filing by it of a petition or answer or consent seeking reorganization or relief under any applicable Federal or State bankruptcy, insolvency, reorganization or other similar law, or the consent by it to the filing of such petition or to the appointment of or taking possession by a custodian, receiver, liquidator, assignee, trustee, sequestrator or similar official of the Company or of any substantial part of its property, or the making by it of an assignment for the benefit of creditors, or the admission by it in writing of its inability to pay its debts generally as they become due, or the authorization of such action by the Board of Directors; or

(f) any other Event of Default with respect to Securities of such series as shall have been specified in the terms thereof as contemplated by Section 301(o).

SECTION 802. Acceleration of Maturity; Rescission and Annulment.

If an Event of Default applicable to the Securities of any one series but not applicable to other series of Outstanding Securities shall have occurred and be continuing, either the Trustee or the Holders of a majority in aggregate principal amount of the Securities of such series may then declare the principal amount (or, if any of the Securities of such series are Discount Securities, such portion of the principal amount as may be specified in the terms thereof as contemplated by Section 301) of all Securities of such series and interest accrued thereon to be due and payable immediately. If an Event of Default applicable to Outstanding Securities of more than one series shall have occurred and be continuing, either the Trustee or the Holders of a majority in aggregate principal amount of all Securities then Outstanding of all such series (considered as one class), and not the Holders of the Securities of any one of such series, may declare the principal of all Securities of all such series and interest accrued thereon to be due and payable immediately. As a consequence of each such declaration (herein referred to as a declaration of acceleration) with respect to Securities of any series, the principal amount (or portion thereof in the case of Discount Securities) of such Securities and interest accrued thereon shall become due and payable immediately.

At any time after such a declaration of acceleration with respect to Securities of any series shall have been made and before a judgment or decree for payment of the money due shall have been obtained by the Trustee as hereinafter in this Article provided, the Event or Events of Default giving rise to such declaration of acceleration shall, without further act, be deemed to have been waived, and such declaration and its consequences shall, without further act, be deemed to have been automatically rescinded and annulled, if

(a) the Company shall have paid or deposited with the Trustee a sum sufficient to pay

(1) all overdue interest on all Securities of such series then Outstanding;

(2) the principal of and premium, if any, on any Securities of such series then Outstanding which have become due otherwise than by such declaration of acceleration and interest thereon at the rate or rates prescribed therefor in such Securities;

(3) to the extent that payment of such interest is lawful, interest upon overdue interest, if any, at the rate or rates prescribed therefor in such Securities;

(4) all amounts due to the Trustee under Section 907;

and

(b) any other Event or Events of Default with respect to Securities of such series, other than the nonpayment of the principal of Securities of such series which shall have become due solely by such declaration of acceleration, shall have been cured or waived as provided in Section 813.

No such waiver or rescission and annulment shall affect any subsequent Event of Default or impair any right consequent thereon.

SECTION 803. Collection of Indebtedness and Suits for Enforcement by Trustee.

If an Event of Default described in clause (a) or (b) of Section 801 shall have occurred and be continuing, the Company shall, upon demand of the Trustee, pay to it, for the benefit of the Holders of the Securities of the series with respect to which such Event of Default shall have occurred, the whole amount then due and payable on such Securities for principal and premium, if any, and interest, if any, and, to the extent permitted by law, interest on any overdue principal and interest, at the rate or rates prescribed therefor in such Securities, and, in addition thereto, such further amount as shall be sufficient to cover any amounts due to the Trustee under Section 907.

If the Company shall fail to pay such amounts forthwith upon such demand, the Trustee, in its own name and as trustee of an express trust, may institute a judicial proceeding for the collection of the sums so due and unpaid, may prosecute such proceeding to judgment or final decree and may enforce the same against the Company or any other obligor upon such Securities and collect the moneys adjudged or decreed to be payable in the manner provided by law out of the property of the Company or any other obligor upon such Securities, wherever situated.

If an Event of Default with respect to Securities of any series shall have occurred and be continuing, the Trustee may in its discretion proceed to protect and enforce its rights and the rights of the Holders of Securities of such series by such appropriate judicial proceedings as the Trustee shall deem most effectual to protect and enforce any such rights, whether for the specific enforcement of any covenant or agreement in this Indenture or in aid of the exercise of any power granted herein, or to enforce any other proper remedy.

SECTION 804. Trustee May File Proofs of Claim.

In case of the pendency of any receivership, insolvency, liquidation, bankruptcy, reorganization, arrangement, adjustment, composition or other judicial proceeding relative to the Company or any other obligor upon the Securities or the property of the Company or of such other obligor or their creditors, the Trustee (irrespective of whether the principal of the Securities shall then be due and payable as therein expressed or by declaration or otherwise and irrespective of whether the Trustee shall have made any demand on the Company for the payment of overdue principal or interest) shall be entitled and empowered, by intervention in such proceeding or otherwise,

(a) to file and prove a claim for the whole amount of principal, premium, if any, and interest, if any, owing and unpaid in respect of the Securities and to file such other papers or documents as may be necessary or advisable in order to have the claims of the Trustee (including any claim for amounts due to the Trustee under Section 907) and of the Holders allowed in such judicial proceeding, and

(b) to collect and receive any moneys or other property payable or deliverable on any such claims and to distribute the same;

and any custodian, receiver, assignee, trustee, liquidator, sequestrator or other similar official in any such judicial proceeding is hereby authorized by each Holder to make such payments to the Trustee and, in the event that the Trustee shall consent to the making of such payments directly to the Holders, to pay to the Trustee any amounts due it under Section 907.

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

SECTION 805. Trustee May Enforce Claims Without Possession of Securities.

All rights of action and claims under this Indenture or the Securities may be prosecuted and enforced by the Trustee without the possession of any of the Securities or the production thereof in any proceeding relating thereto, and any such 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 the payment of the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, be for the ratable benefit of the Holders in respect of which such judgment has been recovered.

SECTION 806. Application of Money Collected.

Any money collected by the Trustee pursuant to this Article shall be applied in the following order, at the date or dates fixed by the Trustee and, in case of the distribution of such money on account of principal or premium, if any, or interest, if any, upon presentation of the Securities in respect of which or for the benefit of which such money shall have been collected and the notation thereon of the payment if only partially paid and upon surrender thereof if fully paid:

First: To the payment of all amounts due the Trustee under Section 907;

Second: To the payment of the amounts then due and unpaid for principal of and premium, if any, and interest, if any, on the Outstanding Securities in respect of which or for the benefit of which such money has been collected; or, in case such proceeds shall be insufficient to pay in full such amounts so due and unpaid upon such Securities, then to the payment of the principal thereof and interest, if any, thereon, without any preference or priority of any kind, ratably according to the respective amounts so due and payable for principal and interest, if any, with any balance then remaining to the payment of premium, if any and, if so specified as contemplated by Section 301 with respect to the Securities of any series, or any Tranche thereof, interest, if any, on overdue premium, if any, and overdue interest, if any, ratably as aforesaid, all to the extent permitted by applicable law; and

Third: To the payment of the remainder, if any, to the Company or as a court of competent jurisdiction may direct.

SECTION 807. Limitation on Suits.

No Holder shall have any right to institute any proceeding, judicial or otherwise, with respect to this Indenture, or for the appointment of a receiver or trustee, or for any other remedy hereunder, unless:

- (a) such Holder shall have previously given written notice to the Trustee of a continuing Event of Default with respect to the Securities of such series;
- (b) the Holders of a majority in aggregate principal amount of the Outstanding Securities of all series in respect of which an Event of Default shall have occurred and be continuing, considered as one class, shall have made written request to the Trustee to institute proceedings in respect of such Event of Default in its own name as Trustee hereunder;
- (c) such Holder or Holders shall have offered to the Trustee indemnity satisfactory to it against the costs, expenses and liabilities to be incurred in compliance with such request;
- (d) the Trustee for 60 days after its receipt of such notice, request and offer of indemnity shall have failed to institute any such proceeding; and
- (e) no direction inconsistent with such written request shall have been given to the Trustee during such 60-day period by the Holders of a majority in aggregate principal amount of the Outstanding Securities of all series in respect of which an Event of Default shall have occurred and be continuing, considered as one class;

it being understood and intended that no one or more of such Holders shall have any right in any manner whatever by virtue of, or by availing of, any provision of this Indenture to affect, disturb or prejudice the rights of any other of such Holders or to obtain or to seek to obtain priority or preference over any other of such Holders or to enforce any right under this Indenture, except in the manner herein provided and for the equal and ratable benefit of all of such Holders (it being understood that the Trustee does not have an affirmative duty to ascertain whether or not such actions or forbearances are unduly prejudicial to such Holders).

SECTION 808. Unconditional Right of Holders to Receive Principal, Premium and Interest.

Notwithstanding any other provision in this Indenture, the Holder of any Security shall have the right, which is absolute and unconditional, to receive payment of the principal of and premium, if any, and (subject to Section 307) interest, if any, on such Security on the Stated Maturity or Maturities expressed in such Security (or, in the case of redemption, on the Redemption Date) and to institute suit for the enforcement of any such payment, and such rights shall not be impaired without the consent of such Holder.

SECTION 809. Restoration of Rights and Remedies.

If the Trustee or any Holder has instituted any proceeding to enforce any right or remedy under this Indenture and such proceeding shall have been discontinued or abandoned for any reason, or shall have been determined adversely to the Trustee or to such Holder, then and in every such case, subject to any determination in such proceeding, the Company, and Trustee and such Holder shall be restored severally and respectively to their former positions hereunder and thereafter all rights and remedies of the Trustee and such Holder shall continue as though no such proceeding had been instituted.

SECTION 810. Rights and Remedies Cumulative.

Except as otherwise provided in the last paragraph of Section 306, no right or remedy herein conferred upon or reserved to the Trustee or to the Holders is intended to be exclusive of any other right or remedy, and every right and remedy shall, to the extent permitted by law, be cumulative and in addition to every other right and remedy given hereunder or now or hereafter existing at law or in equity or otherwise. The assertion or employment of any right or remedy hereunder, or otherwise, shall not prevent the concurrent assertion or employment of any other appropriate right or remedy.

SECTION 811. Delay or Omission Not Waiver.

No delay or omission of the Trustee or of any Holder to exercise any right or remedy accruing upon any Event of Default shall impair any such right or remedy or constitute a waiver of any such Event of Default or an acquiescence therein. Every right and remedy given by this Article or by law to the Trustee or to the Holders may be exercised from time to time, and as often as may be deemed expedient, by the Trustee or by the Holders, as the case may be.

SECTION 812. Control by Holders of Securities.

If an Event of Default shall have occurred and be continuing in respect of a series of Securities, the Holders of a majority in principal amount of the Outstanding Securities of such series 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 the Securities of such series; provided, however, that if an Event of Default shall have occurred and be continuing with respect to more than one series of Securities, the Holders of a majority in aggregate principal amount of the Outstanding Securities of all such series, considered as one class, shall have the right to make such direction, and not the Holders of the Securities of any one of such series; and provided, further, that such direction shall not be in conflict with any rule of law or with this Indenture. The Trustee may take any other action, deemed proper by the Trustee, which is not inconsistent with any such direction. Before proceeding to exercise any right or power hereunder at the direction of such Holders, the Trustee shall be entitled to receive from such Holders security or indemnity satisfactory to it against the costs, expenses and liabilities which might be incurred by it in compliance with any such direction.

SECTION 813. Waiver of Past Defaults.

The Holders of a majority in aggregate principal amount of the Outstanding Securities of any series may on behalf of the Holders of all the Securities of such series waive any past default hereunder with respect to such series and its consequences, except a default

- (a) in the payment of the principal of or premium, if any, or interest, if any, on any Security of such series, or
- (b) in respect of a covenant or provision hereof which under Section 1202 cannot be modified or amended without the consent of the Holder of each Outstanding Security of such series affected.

Upon any such waiver, such default shall cease to exist, and any and all Events of Default arising therefrom shall be deemed to have been cured, for every purpose of this Indenture; but no such waiver shall extend to any subsequent or other default or impair any right consequent thereon.

SECTION 814. Undertaking for Costs.

The Company and the Trustee agree, and each Holder by his 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, suffered 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 and expenses, 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 Company, to any suit instituted by the Trustee, to any suit instituted by any Holder, or group of Holders, holding in the aggregate more than 10% in aggregate principal amount of the Outstanding Securities of all series in respect of which such suit may be brought, considered as one class, or to any suit instituted by any Holder for the enforcement of the payment of the principal of or premium, if any, or interest, if any, on any Security on or after the Stated Maturity or Maturities expressed in such Security (or, in the case of redemption, on or after the Redemption Date).

SECTION 815. Waiver of Usury, Stay or Extension Laws.

The Company covenants (to the extent that it may lawfully do so) that it will not at any time insist upon, or plead, or in any manner whatsoever claim or take the benefit or advantage of, any usury, stay or extension law wherever enacted, now or at any time hereafter in force, which may affect the covenants or the performance of this Indenture; and the Company (to the extent that it may lawfully do so) hereby expressly waives all benefit or advantage of any such law and covenants that it will not hinder, delay or impede the execution of any power herein granted to the Trustee, but will suffer and permit the execution of every such power as though no such law had been enacted.

ARTICLE NINE

The Trustee

SECTION 901. Certain Duties and Responsibilities.

(a) The Trustee undertakes to perform, with respect to Securities, such duties and only such duties as are specifically set forth in this Indenture. The Trustee shall have and be subject to all the duties and responsibilities specified with respect to an indenture trustee in the Trust Indenture Act and no implied covenants or obligations shall be read into this Indenture against the Trustee. For purposes of Sections 315(a) and 315(c) of the Trust Indenture Act, the term “default” is hereby defined as an Event of Default which has occurred and is continuing.

(b) No provision of this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur any financial liability in the performance of any of its duties hereunder, or in the exercise of any of its rights or powers, if it shall have reasonable grounds for believing that repayment of such funds or adequate indemnity against such risk or liability is not reasonably assured to it.

(c) In case an Event of Default has occurred and is continuing, the Trustee shall exercise 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 person would exercise or use under the circumstances in the conduct of his or her own affairs.

(d) 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) this Section 901(d) shall not be construed to limit the effect of Section 901(a); (2) the Trustee shall not be liable for any error of judgment made in good faith by a Responsible Officer, unless it shall be proved that the Trustee was negligent in ascertaining the pertinent facts; and (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 a majority in aggregate principal amount of the Outstanding Securities, 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;

(e) Notwithstanding anything contained in this Indenture to the contrary, the duties and responsibilities of the Trustee under this Indenture shall be subject to the protections, exculpations and limitations on liability afforded to an indenture trustee under the provisions of the Trust Indenture Act. For the purposes of Sections 315(b) and 315(d)(2) of the Trust Indenture Act, the term “responsible officer” is hereby defined as a Responsible Officer and the chairman or vice chairman of the board of directors, the chairman or vice chairman of the executive committee of the board of directors, the president, any vice president, the secretary, any assistant secretary, the treasurer any assistant treasurer, the cashier, any assistant cashier, any trust officer or assistant trust officer, the controller and any assistant controller of the Trustee, or any other officer of

the Trustee customarily performing functions similar to those performed by a Responsible Officer or any of the above designated officers and also means, with respect to a particular corporate trust matter, any other officer to whom such matter is referred because of his or her knowledge of and familiarity with the particular subject;

(f) 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; and

(g) In the absence of bad faith on its part, the Trustee may conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon 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).

SECTION 902. Notice of Defaults.

The Trustee shall give notice of any default hereunder about which the Trustee shall have knowledge as set forth in Section 903(i) with respect to the Securities of any series to the Holders of Securities of such series in the manner and to the extent required to do so by the Trust Indenture Act, unless such default shall have been cured or waived; provided, however, that except in the case of a default in the payment of the principal of (or premium, if any) or interest on any Security or in the payment of any sinking fund deposit with respect to any Security, 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 or Responsible Officers of the Trustee in good faith determine that the withholding of such notice is in the interest of the Holders of Securities of such series, and in the case of any default of the character specified in Section 801(c), no such notice to Holders shall be given until at least 45 days after the occurrence thereof. For the purpose of this Section and clause (i) of Section 903, the term "default" means any event which is, or after notice or lapse of time, or both, would become, an Event of Default.

SECTION 903. Certain Rights of Trustee.

Subject to the provisions of Section 901 and to the applicable provisions of the Trust Indenture Act:

(a) the Trustee may conclusively rely and shall be fully protected in acting or refraining from acting in good faith upon any resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order, bond, debenture, note, other evidence of indebtedness or other paper or document reasonably believed by it to be genuine and to have been signed or presented by the proper party or parties;

(b) any request or direction of the Company mentioned herein shall be sufficiently evidenced by a Company Request or Company Order, or as otherwise

expressly provided herein, and any resolution of the Board of Directors may be sufficiently evidenced by a Board Resolution;

(c) whenever in the administration of this Indenture the Trustee shall deem it desirable that a matter be proved or established prior to taking, suffering or omitting any action hereunder, such matter (unless other evidence 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 Officer's Certificate;

(d) the Trustee may consult with counsel of its selection 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, suffered or omitted by it hereunder in good faith and in reliance thereon;

(e) the Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request or direction of any Holder pursuant to this Indenture, unless such Holder shall have offered to the Trustee security or indemnity satisfactory to it against the costs, expenses and liabilities which might be incurred by it in compliance with such request or direction;

(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, direction, consent, order, bond, debenture, note, other evidence of indebtedness or other paper or document, but the Trustee, in its discretion, may make such further inquiry or investigation into such facts or matters as it may see fit, and, if the Trustee shall determine to make such further inquiry or investigation, it shall (subject to applicable legal requirements) be entitled to examine, during normal business hours, the 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, attorneys, custodians or nominees, and the Trustee shall not be responsible for any misconduct or negligence on the part of any agent, attorney, custodian or nominee appointed with due care by it hereunder; and the rights, privileges, protections, immunities and benefits given to the Trustee, including, without limitation, its right to be compensated, reimbursed, and indemnified, are extended to, and shall be enforceable by, the Trustee in each of its capacities hereunder;

(h) the rights, privileges, protections, immunities and benefits given to the Trustee, including, without limitation, its right to be indemnified, are extended to, and shall be enforceable by, the Trustee in each of its capacities hereunder;

(i) the Trustee shall not be charged with knowledge of any default or Event of Default, or any event which is, or after notice or lapse of time or both would become an Event of Default, as the case may be, with respect to the Securities of any series for which it is acting as Trustee unless either (1) a Responsible Officer of the Trustee shall have actual knowledge that such default or Event of Default, as the case may be, exists

and constitutes a default or Event of Default under this Indenture or (2) written notice of such default or Event of Default, as the case may be, shall have been given in the manner provided in Section 105 hereof to the Trustee by the Company, any other obligor on such Securities or by any Holder of such Securities;

(j) the Trustee shall not be liable for any error of judgment made in good faith by an officer or officers of the Trustee, unless it shall be conclusively determined by a court of competent jurisdiction that the Trustee was negligent in ascertaining the pertinent facts;

(k) in no event shall the Trustee be responsible or liable for special, indirect, punitive or consequential loss or damage of any kind whatsoever (including, but not limited to, loss of profit) irrespective of whether the Trustee has been advised of the likelihood of such loss or damage and regardless of the form of action; and

(l) the Trustee shall not be required to give any bond or surety in respect of the performance of its powers and duties hereunder.

SECTION 904. Not Responsible for Recitals or Issuance of Securities.

The recitals contained herein and in the Securities (except the Trustee's certificates of authentication) shall be taken as the statements of the Company, and neither the Trustee nor any Authenticating Agent assumes responsibility for their correctness. The Trustee makes no representations as to the validity or sufficiency of this Indenture or of the Securities. Neither the Trustee nor any Authenticating Agent shall be accountable for the use or application by the Company of Securities or the proceeds thereof.

SECTION 905. May Hold Securities.

Each of the Trustee, any Authenticating Agent, any Paying Agent, any Security Registrar or any other agent of the Company, in its individual or any other capacity, may become the owner or pledgee of Securities and, subject to Sections 908 and 913, may otherwise deal with the Company with the same rights it would have if it were not the Trustee, Authenticating Agent, Paying Agent, Security Registrar or such other agent.

SECTION 906. Money Held in Trust.

Money held by the Trustee in trust hereunder need not be segregated from other funds, except to the extent required by law. The Trustee shall be under no liability for interest on or investment of any money received by it hereunder except as expressly provided herein or otherwise agreed in writing with, and for the sole benefit of, the Company.

SECTION 907. Compensation and Reimbursement.

The Company shall

(a) pay to the Trustee from time to time such compensation as shall be agreed in writing between the Company and the Trustee, for all services rendered by it hereunder

(which compensation shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust);

(b) except as otherwise expressly provided herein, reimburse the Trustee upon its request for all reasonable expenses, disbursements and advances reasonably incurred or made by the Trustee in accordance with any provision of this Indenture (including the reasonable compensation and the expenses and disbursements of its agents and counsel), except to the extent that any such expense, disbursement or advance may be attributable to the Trustee's negligence or willful misconduct; and

(c) indemnify the Trustee for, and hold it harmless from and against, any and all loss, liability, damage, claim or expense incurred by it (including reasonable fees and expenses of its counsel) including any agent capacity in which it acts arising out of or in connection with the acceptance or administration of the trust or trusts hereunder or the performance of its duties hereunder, including the reasonable costs and expenses of defending itself against any claim (whether asserted by the Company or Holder or any other Person) or liability in connection with the exercise or performance of any of its powers or duties hereunder, except to the extent any such loss, liability or expense may be attributable to its negligence or willful misconduct.

As security for the performance of the obligations of the Company under this Section, the Trustee shall have a lien prior to the Securities upon all property and funds held or collected by the Trustee as such other than property and funds held in trust under Section 703 (except as otherwise provided in Section 703). "Trustee" for purposes of this Section shall include any predecessor Trustee; provided, however, that the negligence, willful misconduct or bad faith of any Trustee hereunder shall not affect the rights of any other Trustee hereunder.

When the Trustee incurs expenses or renders services in connection with an Event of Default specified in Section 801(d) or Section 801(e), the expenses (including the reasonable charges and expenses of its counsel) and the compensation for the services are intended to constitute expenses of administration under any applicable Federal or State bankruptcy, insolvency or other similar law.

The provisions of this Section 907 shall survive the resignation or removal of the Trustee, the discharge of the Company's obligations under Article Seven of this Indenture and/or the termination of this Indenture.

"Trustee" for purposes of this Section shall include any predecessor Trustee; provided, however, that the negligence, willful misconduct or bad faith of any Trustee hereunder shall not affect the rights of any other Trustee hereunder.

SECTION 908. Disqualification; Conflicting Interests.

If the Trustee shall have or acquire any conflicting interest within the meaning of the Trust Indenture Act, it shall either eliminate such conflicting interest or resign to the extent, in the manner and with the effect, and subject to the conditions, provided in the Trust Indenture Act and this Indenture. For purposes of Section 310(b)(1) of the Trust Indenture Act and to the extent permitted thereby, the Trustee, in its capacity as trustee in respect of the Securities of any

series, shall not be deemed to have a conflicting interest arising from its capacity as trustee in respect of the Securities of any other series.

SECTION 909. Corporate Trustee Required; Eligibility.

There shall at all times be a Trustee hereunder which shall be a Corporation, organized and doing business under the laws of the United States, any State thereof or the District of Columbia, authorized under such laws to exercise corporate trust powers, having a combined capital and surplus of at least \$50,000,000 and subject to supervision or examination by Federal, State or District of Columbia authority and qualified and eligible under this Article and the Trust Indenture Act. If such Corporation publishes reports of condition at least annually, pursuant to law or to the requirements of such 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. If at any time the Trustee shall cease to be eligible in accordance with the provisions of this Section and the Trust Indenture Act, it shall resign immediately in the manner and with the effect hereinafter specified in this Article.

SECTION 910. Resignation and Removal; Appointment of Successor.

(a) No resignation or removal of the Trustee and no appointment of a successor Trustee pursuant to this Article shall become effective until the acceptance of appointment by the successor Trustee in accordance with the applicable requirements of Section 911.

(b) The Trustee may resign at any time with respect to the Securities of one or more series by giving written notice thereof to the Company. If the instrument of acceptance by a successor Trustee required by Section 911 shall not have been delivered to the resigning Trustee within 30 days after the giving of such notice of resignation, the resigning Trustee may petition, at the Company's expense, any court of competent jurisdiction for the appointment of a successor Trustee with respect to the Securities of such series.

(c) The Trustee may be removed at any time with respect to the Securities of any series by Act of the Holders of a majority in principal amount of the Outstanding Securities of such series delivered to the Trustee and to the Company. If the instrument of acceptance by a successor Trustee required by Section 911 shall not have been delivered to the Trustee within 30 days after the giving of such notice of removal, the Trustee being removed may petition, at the expense of the Company, any court of competent jurisdiction for the appointment of a successor Trustee with respect to the Securities of such series.

(d) If at any time:

(1) the Trustee shall fail to comply with Section 908 after written request therefor by the Company or by any Holder who has been a bona fide Holder for at least six months, or

(2) the Trustee shall cease to be eligible under Section 909 or Section 310(a) of the Trust Indenture Act and shall fail to resign after written request therefor by the Company or by any such Holder, 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, (x) the Company by a Board Resolution may remove the Trustee with respect to all Securities or (y) subject to Section 814, any Holder who has been a bona fide Holder 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 with respect to all Securities and the appointment of a successor Trustee or Trustees.

(e) If the Trustee shall resign, be removed or become incapable of acting, or if a vacancy shall occur in the office of Trustee for any cause (other than as contemplated in clause (y) in Subsection (d) of this Section), with respect to the Securities of one or more series, the Company, by a Board Resolution, shall promptly appoint a successor Trustee or Trustees with respect to the Securities of that or those series (it being understood that any such successor Trustee may be appointed with respect to the Securities of one or more or all of such series and that at any time there shall be only one Trustee with respect to the Securities of any particular series) and shall comply with the applicable requirements of Section 911. If, within one year after such resignation, removal or incapability, or the occurrence of such vacancy, a successor Trustee with respect to the Securities of any series shall be appointed by Act of the Holders of a majority in principal amount of the Outstanding Securities of such series delivered to the Company and the retiring Trustee, the successor Trustee so appointed shall, forthwith upon its acceptance of such appointment in accordance with the applicable requirements of Section 911, become the successor Trustee with respect to the Securities of such series and to that extent supersede the successor Trustee appointed by the Company. If no successor Trustee with respect to the Securities of any series shall have been so appointed by the Company or the Holders and accepted appointment in the manner required by Section 911, any Holder who has been a bona fide Holder of a Security of such series for at least six months may, on behalf of itself and all others similarly situated, petition any court of competent jurisdiction for the appointment of a successor Trustee with respect to the Securities of such series.

(f) So long as no event which is, or after notice or lapse of time, or both, would become, an Event of Default shall have occurred and be continuing, and except with respect to a Trustee appointed by Act of the Holders of a majority in principal amount of the Outstanding Securities pursuant to Subsection (e) of this Section, if the Company shall have delivered to the Trustee (i) a Board Resolution appointing a successor Trustee, effective as of a date specified therein, and (ii) an instrument of acceptance of such appointment, effective as of such date, by such successor Trustee in accordance with Section 911, the Trustee shall be deemed to have resigned as contemplated in Subsection (b) of this Section, the successor Trustee shall be deemed to

have been appointed by the Company pursuant to Subsection (e) of this Section and such appointment shall be deemed to have been accepted as contemplated in Section 911, all as of such date, and all other provisions of this Section and Section 911 shall be applicable to such resignation, appointment and acceptance except to the extent inconsistent with this Subsection (f).

(g) The Company (or, should the Company fail so to act promptly, the successor trustee at the expense of the Company) shall give notice of each resignation and each removal of the Trustee with respect to the Securities of any series and each appointment of a successor Trustee with respect to the Securities of any series by mailing written notice of such event by first-class mail, postage prepaid, to all Holders of Securities of such series as their names and addresses appear in the Security Register. Each notice shall include the name of the successor Trustee with respect to the Securities of such series and the address of its corporate trust office.

SECTION 911. Acceptance of Appointment by Successor.

(a) In case of the appointment hereunder of a successor Trustee with respect to the Securities of all series, 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 all sums owed to it, 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.

(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 a supplemental indenture 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) if the retiring Trustee is not retiring with respect to all Securities, 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 and 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 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 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, upon payment of all sums owed to it, shall duly assign, transfer and deliver to such successor Trustee all 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 instruments which fully vest in and confirm to such successor Trustee all such rights, powers and trusts referred to in Subsection (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 and eligible under this Article.

SECTION 912. Merger, Conversion, Consolidation or Succession to Business.

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 the corporate trust business of the Trustee, shall be the successor of the Trustee hereunder, provided such Corporation shall be otherwise qualified and eligible under this Article, without the execution or filing of any paper or any further act on the part of any of the parties hereto. 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 913. Preferential Collection of Claims Against Company.

If the Trustee shall be or become a creditor of the Company or any other obligor upon the Securities (other than by reason of a relationship described in Section 311(b) of the Trust Indenture Act), the Trustee shall be subject to any and all applicable provisions of the Trust Indenture Act regarding the collection of claims against the Company or such other obligor. For purposes of Section 311(b) of the Trust Indenture Act (a) the term "cash transaction" shall have the meaning provided in Rule 11b-4 under the Trust Indenture Act, and (b) the term "self-liquidating paper" shall have the meaning provided in Rule 11b-6 under the Trust Indenture Act.

SECTION 914. Co-trustees and Separate Trustees.

At any time or times, for the purpose of meeting the legal requirements of any applicable jurisdiction, the Company and the Trustee shall have power to appoint, and, upon the written request of the Trustee or of the Holders of at least 33% in principal amount of the Securities then Outstanding, the Company shall for such purpose join with the Trustee in the execution and delivery of all instruments and agreements necessary or proper to appoint, one or more Persons approved by the Trustee either to act as co-trustee, jointly with the Trustee, or to

act as separate trustee, in either case with such powers as may be provided in the instrument of appointment, and to vest in such Person or Persons, in the capacity aforesaid, any property, title, right or power deemed necessary or desirable, subject to the other provisions of this Section. If the Company does not join in such appointment within 15 days after the receipt by it of a request so to do, or if an Event of Default shall have occurred and be continuing, the Trustee alone shall have power to make such appointment.

Should any written instrument or instruments from the Company be required by any co-trustee or separate trustee so appointed to more fully confirm to such co-trustee or separate trustee such property, title, right or power, any and all such instruments shall, on request, be executed, acknowledged and delivered by the Company.

Every co-trustee or separate trustee shall, to the extent permitted by law, but to such extent only, be appointed subject to the following conditions:

(a) the Securities shall be authenticated and delivered, and all rights, powers, duties and obligations hereunder in respect of the custody of securities, cash and other personal property held by, or required to be deposited or pledged with, the Trustee hereunder, shall be exercised solely, by the Trustee;

(b) the rights, powers, duties and obligations hereby conferred or imposed upon the Trustee in respect of any property covered by such appointment shall be conferred or imposed upon and exercised or performed either by the Trustee or by the Trustee and such co-trustee or separate trustee jointly, as shall be provided in the instrument appointing such co-trustee or separate trustee, except to the extent that under any law of any jurisdiction in which any particular act is to be performed, the Trustee shall be incompetent or unqualified to perform such act, in which event such rights, powers, duties and obligations shall be exercised and performed by such co-trustee or separate trustee;

(c) the Trustee at any time, by an instrument in writing executed by it, with the concurrence of the Company, may accept the resignation of or remove any co-trustee or separate trustee appointed under this Section, and, if an Event of Default shall have occurred and be continuing, the Trustee shall have power to accept the resignation of, or remove, any such co-trustee or separate trustee without the concurrence of the Company. Upon the written request of the Trustee, the Company shall join with the Trustee in the execution and delivery of all instruments and agreements necessary or proper to effectuate such resignation or removal. A successor to any co-trustee or separate trustee so resigned or removed may be appointed in the manner provided in this Section;

(d) no trustee, co-trustee or separate trustee hereunder shall be personally liable by reason of any act or omission of any other trustee hereunder; and

(e) any Act of Holders delivered to the Trustee shall be deemed to have been delivered to each such co-trustee and separate trustee.

SECTION 915. Appointment of Authenticating Agent.

The Trustee may appoint an Authenticating Agent or Agents with respect to the Securities of one or more series, or Tranche thereof, which shall be authorized to act on behalf of the Trustee to authenticate Securities of such series or Tranche issued upon original issuance and upon exchange, registration of transfer or partial redemption thereof or pursuant to Section 306, 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. Wherever reference is made in this Indenture to the authentication and delivery of Securities by the Trustee or the Trustee's certificate of authentication, such reference shall be deemed to include authentication and delivery on behalf of the Trustee by an Authenticating Agent and a certificate of authentication executed on behalf of the Trustee by an Authenticating Agent. Each Authenticating Agent shall be acceptable to the Company and shall at all times be a Corporation organized and doing business under the laws of the United States, any State thereof or the District of Columbia, authorized under such laws to act as Authenticating Agent, having a combined capital and surplus of not less than \$50,000,000 and subject to supervision or examination by Federal or State authority. If such Authenticating Agent publishes reports of condition at least annually, pursuant to law or to the requirements of said supervising or examining authority, then for the purposes of this Section, the combined capital and surplus of such Authenticating Agent shall be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. If at any time an Authenticating Agent shall cease to be eligible in accordance with the provisions of this Section, such Authenticating Agent shall resign immediately in the manner and with the effect specified in this Section.

Any Corporation into which an Authenticating Agent may be merged or converted or with which it may be consolidated, or any Corporation resulting from any merger, conversion or consolidation to which such Authenticating Agent shall be a party, or any Corporation succeeding to all or substantially all the corporate agency or corporate trust business of an Authenticating Agent, shall continue to be an Authenticating Agent, provided such Corporation shall be otherwise eligible under this Section, without the execution or filing of any paper or any further act on the part of the Trustee or the Authenticating Agent.

An Authenticating Agent may resign at any time by giving written notice thereof to the Trustee and to the Company. The Trustee may at any time terminate the agency of an Authenticating Agent by giving written notice thereof to such Authenticating Agent and to the Company. Upon receiving such a notice of resignation or upon such a termination, or in case at any time such Authenticating Agent shall cease to be eligible in accordance with the provisions of this Section, the Trustee may appoint a successor Authenticating Agent which shall be 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, with like effect as if originally named as an Authenticating Agent. No successor Authenticating Agent shall be appointed unless eligible under the provisions of this Section.

The Company agrees to pay to each Authenticating Agent from time to time reasonable compensation for its services under this Section.

The provisions of Sections 308, 904 and 905 shall be applicable to each Authenticating Agent.

If an appointment with respect to the Securities of one or more series shall be made pursuant to this Section, the Securities of such series may have endorsed thereon, in addition to the Trustee's certificate of authentication, an alternate certificate of authentication substantially in the following form:

This is one of the Securities of the series designated therein referred to in the within-mentioned Indenture.

Dated:

As Trustee

By: _____
As Authenticating Agent

By: _____
Authorized Signatory

If all of the Securities of a series may not be originally issued at one time, and if the Trustee does not have an office capable of authenticating Securities upon original issuance located in a Place of Payment where the Company wishes to have Securities of such series authenticated upon original issuance, the Trustee, if so requested by the Company in writing (which writing need not comply with Section 102 and need not be accompanied by an Opinion of Counsel), shall appoint, in accordance with this Section and in accordance with such procedures as shall be acceptable to the Trustee, an Authenticating Agent having an office in a Place of Payment designated by the Company with respect to such series of Securities.

ARTICLE TEN

Holders' Lists and Reports by Trustee and Company

SECTION 1001. Lists of Holders.

Semiannually, not later than June 1 and December 1 in each year, commencing June 1, 2012, and at such other times as the Trustee may request in writing, the Company shall furnish or cause to be furnished to the Trustee information as to the names and addresses of the Holders, and the Trustee shall preserve such information and similar information received by it in any other capacity and afford to the Holders access to information so preserved by it, all to such extent, if any, and in such manner as shall be required under the Trust Indenture Act; provided, however, that no such list need be furnished so long as the Trustee shall be the Security Registrar.

SECTION 1002. Reports by Trustee and Company.

Within 60 days of May 15 of each year, commencing with the year 2012 the Trustee shall transmit to the Holders, the Commission and each securities exchange upon which any Securities are listed, a report, dated as of such date, with respect to any events and other matters described in Section 313(a) of the Trust Indenture Act, which may have occurred within the previous 12 months (but if no event has occurred within such period no report need be transmitted), in such manner and to the extent required by the Trust Indenture Act. The Trustee shall transmit to the Holders, the Commission and each securities exchange upon which any Securities are listed, and the Company shall file with the Trustee (within 30 days after filing with the Commission in the case of reports which pursuant to the Trust Indenture Act must be filed with the Commission and furnished to the Trustee) and transmit to the Holders, such other information, reports and other documents, if any, at such times and in such manner, as shall be required by the Trust Indenture Act. The Company shall promptly notify the Trustee in writing of the listing of any Securities on any securities exchange and of any delisting thereof.

Delivery of such reports, information and documents to the Trustee is for informational purposes only and the Trustee's receipt of such shall not constitute constructive notice of any information contained therein or determinable from information contained therein, including the Company's compliance with any of its covenants hereunder or set forth in any document establishing a series by specification pursuant to Section 301 (as to which the Trustee is entitled to rely exclusively on Officer's Certificates).

ARTICLE ELEVEN

Consolidation, Merger, Conveyance or Other Transfer

SECTION 1101. Company May Consolidate, etc., Only on Certain Terms.

The Company shall not consolidate with or merge into any other Person, or convey or otherwise transfer or lease its properties and assets substantially as an entirety to any Corporation, unless

(a) the Corporation formed by such consolidation or into which the Company is merged or the Corporation which acquires by conveyance or transfer, or which leases, the properties and assets of the Company substantially as an entirety shall be a Corporation organized and validly existing under the laws of the United States, any State thereof or the District of Columbia, and shall expressly assume, by a supplemental indenture, executed and delivered to the Trustee, in form satisfactory to the Trustee, the due and punctual payment of the principal of and premium, if any, and interest, if any, on all Outstanding Securities and the performance of every covenant of this Indenture on the part of the Company to be performed or observed;

(b) immediately after giving effect to such transaction no Event of Default, and no event which, after notice or lapse of time or both, would become an Event of Default, shall have occurred and be continuing; and

(c) the Company shall have delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that such consolidation, merger, conveyance, or other transfer or lease and such supplemental indenture comply with this Article and that all conditions precedent herein provided for relating to such transactions have been complied with.

Anything in this Indenture to the contrary notwithstanding, the conveyance or other transfer, or lease, by the Company of all of its facilities (a) for the generation of electric energy, (b) for the transmission of electric energy or (c) for the distribution of electric energy, in each case considered alone, or all of its facilities described in clauses (a) and (b), considered together, or all of its facilities described in clauses (b) and (c), considered together, shall in no event be deemed to constitute a conveyance or other transfer, or lease, of all the properties of the Company, as or substantially as an entirety, unless, immediately following such conveyance, transfer or lease, the Company shall own no unleased properties in the other such categories of property not so conveyed or otherwise transferred or leased. The character of particular facilities shall be determined by reference to the Uniform System of Accounts prescribed for public utilities and licensees subject to the Federal Power Act, as amended, to the extent applicable.

SECTION 1102. Successor Corporation Substituted.

Upon any consolidation by the Company with or merger by the Company into any other Corporation or any conveyance, or other transfer or lease of the properties and assets of the Company substantially as an entirety in accordance with Section 1101, the successor Corporation formed by such consolidation or into which the Company is merged or the Corporation to which such conveyance, transfer or lease is made shall succeed to, and be substituted for, and may exercise every right and power of, the Company under this Indenture with the same effect as if such successor Corporation had been named as the Company herein, and thereafter, except in the case of a lease, the predecessor Corporation shall be relieved of all obligations and covenants under this Indenture and the Securities Outstanding hereunder. Without limiting the generality of the foregoing, the successor Corporation may execute and deliver to the Trustee, and thereupon the Trustee shall, subject to the provisions of Article Three, authenticate and deliver, Securities. All Securities so executed by the successor Corporation, and authenticated and delivered by the Trustee, shall in all respects be entitled to the benefit of this Indenture equally and ratably with all Securities executed, authenticated and delivered prior to the time such consolidation, merger, conveyance or other transfer became effective.

SECTION 1103. Limitations.

For purposes of clarification and not in limitation of the provisions of Section 1101, nothing in this Indenture shall be deemed to prevent or restrict:

- (a) any consolidation or merger after the consummation of which the Company would be the surviving or resulting Corporation, or
- (b) any conveyance or other transfer, or lease of any part of the properties and assets of the Company which does not constitute the entirety, or substantially the entirety, of its properties and assets, or

(c) the approval by the Company of, or the consent by the Company to, any consolidation or merger of any direct or indirect subsidiary or affiliate of the Company, or any conveyance, transfer or lease by any such subsidiary or affiliate of any of its properties or assets, or

(d) any other transaction not contemplated by Section 1101.

ARTICLE TWELVE

Supplemental Indentures

SECTION 1201. Supplemental Indentures Without Consent of Holders.

Without the consent of any Holders, the Company and the Trustee, at any time and from time to time, may enter into one or more supplemental indentures, in form satisfactory to the Trustee, for any of the following purposes:

(a) to evidence the succession of another Corporation to the Company and the assumption by any such successor of the covenants of the Company herein and in the Securities, all as provided in Article Eleven; or

(b) to add one or more covenants of the Company or other provisions for the benefit of all Holders or for the benefit of the Holders of, or to remain in effect only so long as there shall be Outstanding, Securities of one or more specified series, or one or more specified Tranches thereof, or to surrender any right or power herein conferred upon the Company; or

(c) to add any additional Events of Default with respect to all or any series of Securities Outstanding hereunder (and if such additional Events of Default are to be for the benefit of less than all series of Securities, stating that such additional Events of Default are expressly being included solely for the benefit of such series); or

(d) to change or eliminate any provision of this Indenture or to add any new provision to this Indenture; provided, however, that if such change, elimination or addition shall adversely affect the interests of the Holders of Securities of any series or Tranche Outstanding on the date of such supplemental indenture in any material respect, such change, elimination or addition shall become effective with respect to such series or Tranche only pursuant to the provisions of Section 1202 hereof or when no Security of such series or Tranche remains Outstanding; or

(e) to provide collateral security for all but not part of the Securities, which may include entering into supplemental indentures in accordance with clauses (b) and (c) of Section 605; or

(f) to establish the form or terms of Securities of any series or Tranche as contemplated by Sections 201 and 301; or

(g) 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 and all other matters incidental thereto; or

(h) to evidence and provide for the acceptance of appointment hereunder by a separate or successor Trustee or co-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 Section 911(b); or

(i) to provide for the procedures required to permit the Company to utilize, at its option, a noncertificated system of registration for all, or any series or Tranche of, the Securities; 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, or any Tranche thereof, shall be payable, (2) all or any series of Securities, or any Tranche thereof, may be surrendered for registration of transfer, (3) all or any series of Securities, or any Tranche thereof, may be surrendered for exchange and (4) notices and demands to or upon the Company in respect of all or any series of Securities, or any Tranche thereof, and this Indenture may be served; or

(k) to amend and restate this Indenture, as originally executed and delivered and as it may have been subsequently amended, in its entirety, but with such additions, deletions and other changes as shall not adversely affect the interests of the Holders of the Securities of any series or Tranche in any material respect; or

(l) to cure any ambiguity, to correct or supplement any provision herein which may be defective or inconsistent with any other provision herein, or to make any other changes to the provisions hereof or to add other provisions with respect to matters or questions arising under this Indenture, provided that such other changes or additions shall not adversely affect the interests of the Holders of Securities of any series or Tranche in any material respect.

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 Holders, enter into a

supplemental indenture 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 Holders, enter into a supplemental indenture to evidence such amendment hereof.

SECTION 1202. Supplemental Indentures With Consent of Holders.

With the consent of the Holders of a majority in aggregate principal amount of the Securities of all series then Outstanding under this Indenture, considered as one class, by Act of said Holders delivered to the Company and the Trustee, the Company, when authorized by a Board Resolution, and the Trustee may enter into a supplemental indenture or indentures for the purpose of adding any provisions to, or changing in any manner or eliminating any of the provisions of, this Indenture or modifying in any manner the rights of the Holders of Securities of such series under the Indenture; provided, however, that if there shall be Securities of more than one series Outstanding hereunder and if a proposed supplemental indenture shall directly affect the rights of the Holders of Securities of one or more, but less than all, of such series, then the consent only of the Holders of a majority in aggregate principal amount of the Outstanding Securities of all series so directly affected, considered as one class, shall be required; and provided, further, that if the Securities of any series shall have been issued in more than one Tranche and if the proposed supplemental indenture shall directly affect the rights of the Holders of Securities of one or more, but less than all, of such Tranches, then the consent only of the Holders of a majority in aggregate principal amount of the Outstanding Securities of all Tranches so directly affected, considered as one class, shall be required; and provided, further, that no such supplemental indenture shall:

(a) change the Stated Maturity of the principal of, or any installment of principal of or interest on, any Security, or reduce the principal amount thereof or the rate of interest thereon (or the amount of any installment of interest thereon) or change the method of calculating such rate 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 802, or change the coin or currency (or other property), in which any Security or any premium or the interest thereon is payable, or impair the right to institute suit for the enforcement of any such payment on or after the Stated Maturity of any Security (or, in the case of redemption, on or after the Redemption Date), without, in any such case, the consent of the Holder of such Security, or

(b) reduce the percentage in principal amount of the Outstanding Securities of any series, or any Tranche thereof, the consent of the Holders of which is required for any such supplemental indenture, or the consent of the Holders of which is required for any waiver of compliance with any provision of this Indenture or of any default hereunder

and its consequences, or reduce the requirements of Section 1304 for quorum or voting, without, in any such case, the consent of the Holders of each Outstanding Security of such series or Tranche, or

(c) modify any of the provisions of this Section, Section 607 or Section 813 with respect to the Securities of any series, or any Tranche thereof, except to increase the percentages in principal amount referred to in this Section or such other Sections or to provide that other provisions of this Indenture cannot be modified or waived without the consent of the Holder of each Outstanding Security affected thereby; provided, however, that this clause shall not be deemed to require the consent of any Holder with respect to changes in the references to “the Trustee” and concomitant changes in this Section, or the deletion of this proviso, in accordance with the requirements of Sections 911(b), 914 and 1201(h).

A supplemental indenture which changes or eliminates any covenant or other provision of this Indenture which has expressly been included solely for the benefit of the Holders of, or which is to remain in effect only so long as there shall be Outstanding, Securities of one or more particular series, or one or more Tranches thereof, or which modifies the rights of the 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 or Tranche.

It shall not be necessary for any Act of Holders under this Section to approve the particular form of any proposed supplemental indenture, but it shall be sufficient if such Act shall approve the substance thereof. A waiver by a Holder of such Holder’s right to consent under this Section shall be deemed to be a consent of such Holder.

Anything in this Indenture to the contrary notwithstanding, if the supplemental indenture or Officer’s Certificate, as the case may be, establishing the Securities of any series or Tranche shall provide that the Company may make certain specified additions, changes or eliminations to or from the Indenture which shall be specified in such supplemental indenture or Officer’s Certificate, (a) the Holders of Securities of such series or Tranche shall be deemed to have consented to a supplemental indenture containing such additions, changes or eliminations to or from the Indenture which shall be specified in such supplemental indenture or Officer’s Certificate, (b) no Act of such Holders shall be required to evidence such consent and (c) such consent may be counted in the determination of whether or not the Holders of the requisite principal amount of Securities shall have consented to such supplemental indenture.

SECTION 1203. Execution of Supplemental Indentures.

In executing, or accepting the additional trusts created by, any supplemental indenture permitted by this Article or the modifications thereby of the trusts created by this Indenture, the Trustee shall be entitled to receive, and (subject to Section 901) shall be fully protected in relying upon, an Opinion of Counsel stating that the execution of such supplemental indenture is authorized or permitted by this Indenture, and this Indenture, as supplemented by such supplemental indenture, will be enforceable in accordance with its terms, subject to customary exceptions including exceptions with respect to laws relating to or affecting generally

the enforcement of creditors' rights, including, without limitation, bankruptcy and insolvency laws and to general principles of equity (regardless of whether such enforceability is considered in a proceeding in equity or at law). The Trustee may, but shall not be obligated to, enter into any such supplemental indenture which affects the Trustee's own rights, duties, immunities or liabilities under this Indenture or otherwise.

SECTION 1204. Effect of Supplemental Indentures.

Upon the execution of any supplemental indenture under this Article, this Indenture shall be modified in accordance therewith, and such supplemental indenture shall form a part of this Indenture for all purposes; and every Holder of Securities theretofore or thereafter authenticated and delivered hereunder shall be bound thereby. Any supplemental indenture permitted by this Article may restate this Indenture in its entirety, and, upon the execution and delivery thereof, any such restatement shall supersede this Indenture as theretofore in effect for all purposes.

SECTION 1205. Conformity With Trust Indenture Act.

Every supplemental indenture executed pursuant to this Article shall conform to the requirements of the Trust Indenture Act as then in effect.

SECTION 1206. Reference in Securities to Supplemental Indentures.

Securities of any series, or any Tranche thereof, authenticated and delivered after the execution of any supplemental indenture pursuant to this Article may, and shall if required by the Trustee, bear a notation in form approved by the Trustee as to any matter provided for in such supplemental indenture. If the Company shall so determine, new Securities of any series, or any Tranche thereof, so modified as to conform, in the opinion of the Trustee and the Company, to any such supplemental indenture may be prepared and executed by the Company and authenticated and delivered by the Trustee in exchange for Outstanding Securities of such series or Tranche.

SECTION 1207. Modification Without Supplemental Indenture.

If the terms of any particular series of Securities shall have been established in or pursuant to a Board Resolution or an Officer's Certificate pursuant to a supplemental indenture or Board Resolution as contemplated by Section 301, or in a Company Order as contemplated by Section 303(b), and not in a supplemental indenture, additions to, changes in or the elimination of any of such terms may be effected by means of a supplemental Board Resolution or Officer's Certificate pursuant to a Board Resolution or a supplemental indenture or supplemental Company Order and complying with the requirements of Section 104, as the case may be, delivered to, and accepted by, the Trustee; provided, however, that such supplemental Board Resolution, Officer's Certificate or Company Order shall not be accepted by the Trustee or otherwise be effective unless all conditions set forth in this Indenture which would be required to be satisfied if such additions, changes or elimination were contained in a supplemental indenture shall have been appropriately satisfied. Upon the acceptance thereof by the Trustee, any such supplemental Board Resolution, Officer's Certificate or Company Order shall be deemed to be a "supplemental indenture" for purposes of Section 1204 and 1206.

ARTICLE THIRTEEN

Meetings of Holders; Action Without Meeting

SECTION 1301. Purposes for Which Meetings May Be Called.

A meeting of Holders of Securities of one or more, or all, series, or any Tranche or Tranches thereof, may be called at any time and from time to time pursuant to this Article to make, give or take any request, demand, authorization, direction, notice, consent, waiver or other action provided by this Indenture to be made, given or taken by Holders of Securities of such series or Tranches.

SECTION 1302. Call, Notice and Place of Meetings.

(a) The Trustee may at any time call a meeting of Holders of Securities of one or more, or all, series, or any Tranche or Tranches thereof, for any purpose specified in Section 1301, to be held at such time and at such place in the Borough of Manhattan, The City of New York, as the Trustee shall determine, or, with the approval of the Company, at any other place. Notice of every such meeting, setting forth the time and the place of such meeting and in general terms the action proposed to be taken at such meeting, shall be given, in the manner provided in Section 106, not less than 21 nor more than 180 days prior to the date fixed for the meeting.

(b) If the Trustee shall have been requested to call a meeting of the Holders of Securities of one or more, or all, series, or any Tranche or Tranches thereof, by the Company or by the Holders of 33% in aggregate principal amount of all of such series and Tranches, considered as one class, for any purpose specified in Section 1301, by written request setting forth in reasonable detail the action proposed to be taken at the meeting, and the Trustee shall not have given the notice of such meeting within 21 days after receipt of such request or shall not thereafter proceed to cause the meeting to be held as provided herein, then the Company or the Holders of Securities of such series and Tranches in the amount above specified, as the case may be, may determine the time and the place in the Borough of Manhattan, The City of New York, or in such other place as shall be determined or approved by the Company, for such meeting and may call such meeting for such purposes by giving notice thereof as provided in Subsection (a) of this Section.

(c) Any meeting of Holders of Securities of one or more, or all, series, or any Tranche or Tranches thereof, shall be valid without notice if the Holders of all Outstanding Securities of such series or Tranches are present in person or by proxy and if representatives of the Company and the Trustee are present, or if notice is waived in writing before or after the meeting by the Holders of all Outstanding Securities of such series, or any Tranche or Tranches thereof, or by such of them as are not present at the meeting in person or by proxy, and by the Company and the Trustee.

SECTION 1303. Persons Entitled to Vote at Meetings.

To be entitled to vote at any meeting of Holders of Securities of one or more, or all, series, or any Tranche or Tranches thereof, a Person shall be (a) a Holder of one or more Outstanding Securities of such series or Tranches, or (b) a Person appointed by an instrument in writing as proxy for a Holder or Holders of one or more Outstanding Securities of such series or Tranches by such Holder or Holders. The only Persons who shall be entitled to attend any meeting of Holders of Securities of any series or Tranche shall be the Persons entitled to vote at such meeting and their counsel, any representatives of the Trustee and its counsel and any representatives of the Company and its counsel.

SECTION 1304. Quorum; Action.

The Persons entitled to vote a majority in aggregate principal amount of the Outstanding Securities of the series and Tranches with respect to which a meeting shall have been called as hereinbefore provided, considered as one class, shall constitute a quorum for a meeting of Holders of Securities of such series and Tranches; provided, however, that if any action is to be taken at such meeting which this Indenture expressly provides may be taken by the Holders of a specified percentage, which is less than a majority, in principal amount of the Outstanding Securities of such series and Tranches, considered as one class, the Persons entitled to vote such specified percentage in principal amount of the Outstanding Securities of such series and Tranches, considered as one class, shall constitute a quorum. In the absence of a quorum within one hour of the time appointed for any such meeting, the meeting shall, if convened at the request of Holders of Securities of such series and Tranches, be dissolved. In any other case the meeting may be adjourned for such period as may be determined by the chairman of the meeting prior to the adjournment of such meeting. In the absence of a quorum at any such adjourned meeting, such adjourned meeting may be further adjourned for such period as may be determined by the chairman of the meeting prior to the adjournment of such adjourned meeting. Except as provided by Section 1305(e), notice of the reconvening of any meeting adjourned for more than 30 days shall be given as provided in Section 1302(a) not less than 10 days prior to the date on which the meeting is scheduled to be reconvened. Notice of the reconvening of an adjourned meeting shall state expressly the percentage, as provided above, of the principal amount of the Outstanding Securities of such series and Tranches which shall constitute a quorum.

Except as limited by Section 1202, any resolution presented to a meeting or adjourned meeting duly reconvened at which a quorum is present as aforesaid may be adopted only by the affirmative vote of the Holders of a majority in aggregate principal amount of the Outstanding Securities of the series and Tranches with respect to which such meeting shall have been called, considered as one class; provided, however, that, except as so limited, any resolution with respect to any action which this Indenture expressly provides may be taken by the Holders of a specified percentage, which is less than a majority, in principal amount of the Outstanding Securities of such series and Tranches, considered as one class, may be adopted at a meeting or an adjourned meeting duly reconvened and at which a quorum is present as aforesaid by the affirmative vote of the Holders of such specified percentage in principal amount of the Outstanding Securities of such series and Tranches, considered as one class.

Any resolution passed or decision taken at any meeting of Holders of Securities duly held in accordance with this Section shall be binding on all the Holders of Securities of the series and Tranches with respect to which such meeting shall have been held, whether or not present or represented at the meeting.

SECTION 1305. Attendance at Meetings; Determination of Voting Rights; Conduct and Adjournment of Meetings.

(a) Attendance at meetings of Holders of Securities may be in person or by proxy; and, to the extent permitted by law, any such proxy shall remain in effect and be binding upon any future Holder of the Securities with respect to which it was given unless and until specifically revoked by the Holder or future Holder of such Securities before being voted.

(b) Notwithstanding any other provisions of this Indenture, the Trustee may make such reasonable regulations as it may deem advisable for any meeting of Holders of Securities in regard to proof of the holding of such Securities and of the appointment of proxies and in regard to the appointment and duties of inspectors of votes, the submission and examination of proxies, certificates and other evidence of the right to vote, and such other matters concerning the conduct of the meeting as it shall deem appropriate. Except as otherwise permitted or required by any such regulations, the holding of Securities shall be proved in the manner specified in Section 104 and the appointment of any proxy shall be proved in the manner specified in Section 104. Such regulations may provide that written instruments appointing proxies, regular on their face, may be presumed valid and genuine without the proof specified in Section 104 or other proof.

(c) The Trustee shall, by an instrument in writing, appoint a temporary chairman of the meeting, unless the meeting shall have been called by the Company or by Holders as provided in Section 1302(b), in which case the Company or the Holders of Securities of the series and Tranches calling the meeting, as the case may be, shall in like manner appoint a temporary chairman. A permanent chairman and a permanent secretary of the meeting shall be elected by vote of the Persons entitled to vote a majority in aggregate principal amount of the Outstanding Securities of all series and Tranches represented at the meeting, considered as one class.

(d) At any meeting each Holder or proxy shall be entitled to one vote for each \$1 principal amount of Securities held or represented by him; provided, however, that no vote shall be cast or counted at any meeting in respect of any Security challenged as not Outstanding and ruled by the chairman of the meeting to be not Outstanding. The chairman of the meeting shall have no right to vote, except as a Holder of a Security or proxy.

(e) Any meeting duly called pursuant to Section 1302 at which a quorum is present may be adjourned from time to time by Persons entitled to vote a majority in aggregate principal amount of the Outstanding Securities of all series and Tranches represented at the meeting, considered as one class; and the meeting may be held as so adjourned without further notice.

SECTION 1306. Counting Votes and Recording Action of Meetings.

The vote upon any resolution submitted to any meeting of Holders shall be by written ballots on which shall be subscribed the signatures of the Holders or of their representatives by proxy and the principal amounts and serial numbers of the Outstanding Securities, of the series and Tranches with respect to which the meeting shall have been called, held or represented by them. The permanent chairman of the meeting shall appoint two inspectors of votes who shall count all votes cast at the meeting for or against any resolution and who shall make and file with the secretary of the meeting their verified written reports of all votes cast at the meeting. A record of the proceedings of each meeting of Holders shall be prepared by the secretary of the meeting and there shall be attached to said record the original reports of the inspectors of votes on any vote by ballot taken thereat and affidavits by one or more persons having knowledge of the facts setting forth a copy of the notice of the meeting and showing that said notice was given as provided in Section 1302 and, if applicable, Section 1304. Each copy shall be signed and verified by the affidavits of the permanent chairman and secretary of the meeting and one such copy shall be delivered to the Company, and another to the Trustee to be preserved by the Trustee, the latter to have attached thereto the ballots voted at the meeting. Any record so signed and verified shall be conclusive evidence of the matters therein stated.

SECTION 1307. Action Without Meeting.

In lieu of a vote of Holders at a meeting as hereinbefore contemplated in this Article, any request, demand, authorization, direction, notice, consent, waiver or other action may be made, given or taken by Holders by written instruments as provided in Section 104.

ARTICLE FOURTEEN

Immunity of Incorporators, Shareholders, Officers and Directors

SECTION 1401. Liability Solely Corporate.

No recourse shall be had for the payment of the principal of or premium, if any, or interest, if any, on any Securities or any part thereof, or for any claim based thereon or otherwise in respect thereof, or of the indebtedness represented thereby, or upon any obligation, covenant or agreement under this Indenture, against any incorporator, shareholder, member, limited partner, officer, manager or director, as such, past, present or future of the Company or of any predecessor or successor of the Company (either directly or through the Company or a predecessor or successor of the Company), whether by virtue of any constitutional provision, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise; it being expressly agreed and understood that this Indenture and all the Securities are solely corporate obligations, and that no personal liability whatsoever shall attach to, or be incurred by, any incorporator, shareholder, member, limited partner, officer, manager or director, past, present or future, of the Company or of any predecessor or successor of the Company, either directly or indirectly through the Company or any predecessor or successor of the Company, because of the indebtedness hereby authorized or under or by reason of any of the obligations, covenants or agreements contained in this Indenture or in any of the Securities or to be implied herefrom or therefrom, and that any such personal liability is hereby expressly waived and released as a

condition of, and as part of the consideration for, the execution of this Indenture and the issuance of the Securities.

This instrument may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same instrument.

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed, all as of the day and year first above written.

TUCSON ELECTRIC POWER COMPANY

By: 
Name: Kentton C. Grant
Title: Vice President and Treasurer

**U.S. BANK NATIONAL ASSOCIATION,
Trustee**

By: 
Name: Patrick T. Crowley
Title: Vice President