Department of State



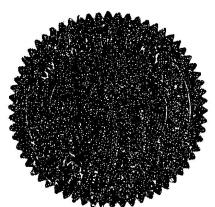
Office of Secretary of State

THELMA L. STOVALL SECRETARY

POREIGN CORPORATION DEPARTMENT

I,	THELMA	L. ST	OVALI	L, Sec	cretary	of	Stat	e c	f the	Commo	nwealth
of	Kentucky,	hereby	certify	that	certifi	eď	copie	25	of		
Ce	real acada	- dela de de calibre	alou (f)	led.	upral!	ا المارية	964 :	Ln	brate	of leten	aro)

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of	TEHNESSE	T 2AQ	Corporation	gion, c	O: JAN	Y .		(A) (A) (A)	e se e e s	en s rank	MALS TEXAMOSTICS TO	a y romersuu
a	corporat	ion of	the St	ate o	f	Darra	ILE C			, wil	h ho	me
of	fice at	Wilming	con, Del	ddress			; have	or	has	been	filed	in
m	office.	This	corpor	ration	has	compli	ed with	the	exi.	sting	laws	of
th	e Comi	monwea	lth of	Keni	tucky,	and	is now	aut	horize	ed to	tran	sact
bu	ısiness ir	this	State, s	subject	t to	the res	striction	s im	posed	l by	law.	



SECRETARY OF STATE

Giv	EII	under	тy	hand	as	Secretary	of	State,
this	141	in day	of .	April	 د. در	12		96 <u>u</u>
Marian A. Common		he sh	ist _{agg} inak nad ^{ag} i sissi menganak			Secret	etary (of State

Assistant Secretary of State.

TENNESSEE GAS THANSMISSION COMPANY

Certificate of Designation, Preferences and Rights of Preferred Stock by Resolution of the Board of Directors Providing for an Issue of 150,000 Shares of Preferred Stock Designated "5.14% Cumulative Preferred Stock"

We, Habold Burrow, President, and M. H. Covey, Secretary, of Tennessee Gas Transmission Company (hereinafter referred to as the "Company"), a corporation organized and existing under the General Corporation Law of the State of Delaware, in accordance with the provisions of Section 151 thereof, do Hereby Certify:

That pursuant to authority conferred upon the Board of Directors by the Certificate of Incorporation of said Company, as amended (hereinafter referred to as the "Certificate of Incorporation"), said Board of Directors at a meeting duly convened and held on April 6, 1964, at which a quorum was present and acting throughout, adopted a resolution providing for the issuance of a series of Preferred Stock, designated "5.14% Cumulative Preferred Stock", which resolution is as follows:

Resource. That pursuant to the authority vested in the Board of Directors of the corporation by the Certificate of Incorporation, the Board of Directors does hereby provide for the issue of a series of the Cumulative Preferred Stock (herein called "Preferred Stock") of the par value of \$100 per share, of the corporation, to be designated "5.14% Cumulative Preferred Stock" (herein called "5.14% Preferred Stock"), and to the extent that the designations, powers, preferences and relative and other special rights and the qualifications, limitations and restrictions of the 5.14% Preferred Stock are not stated and expressed in the Certificate of Incorporation, does hereby fix and herein state and express such designations, powers, preferences and relative and other special rights and the qualifications, limitations and testrictions thereof, as follows (all terms used herein which are defined in the Certificate of Incorporation to have the meanings provided therein):

- (1) The dividend rate of the 5.14% Preferred Stock shall be 5.14% per annum;
- (2) The amounts which the holders of the 5.14% Preferred Stock shall be entitled to receive in event of a voluntary liquidation, dissolution, or winding-up of the affairs of the corporation (in addition to accrued and unpaid dividends) shall be the respective amount, which they would be entitled to receive if on the date of such liquidation, do obtain or winding up the shares of 5.11% Proferred Stock held by them but been redeemed by the corporation in accordance with the provisions of subdivision 4 of Part I of the Certificate of Incorporation at the prices set forth in paragraph (3) of this resolution;
- (3) The 5.14% Preferred Stock shall be redeemable in whole or in part at any time or from time to time, at the option of the corporation as provided below, and for the sinking fund as provided for in paragraph (4) hereof. The sums payable upon the redemption thereof at the option of the corporation (in addition to accrued and unpaid dividends) shall be

\$105.90 per share if redeemed prior to April 1, 1967; or \$164.87 per share it redeemed on or after April 1, 1967 and prior to April 1, 1970, or \$103.84 per share it redeemed on or after April 1, 1970 and prior to April 1, 1973; or \$102.81 per share if redeemed on or after April 1, 1973 and prior to April 1, 1976; or \$101.78 per share if redeemed on or after April 1, 1970 and prior to April 1, 1979; or \$160.75 per share if redeemed on or after April 1, 1979;

TENNESSEE GAS TRANSMISSION COMPANY

Certificate of Designation, Preferences and Rights of Preferred Stock by Resolution of the Board of Directors Providing for an Issue of 150,000 Shares of Preferred Stock Designated "5.14% Cumulative Preferred Stock"

We, Harold Burrow, President, and M. H. Covey, Secretary, of Tennessee Gas Transmission Company (hereinafter referred to as the "Company"), a corporation organized and existing under the General Corporation Law of the State of Delaware, in accordance with the provisions of Section 151 thereof, do hereby critical

That pursuant to authority conferred upon the Board of Directors by the Certificate of Incorporation of said Company, as amended (heseinafter referred to as the "Certificate of Incorporation"), said Board of Directors at a meeting duly convened and held on April 6, 1964, at which a quorum was present and acting throughout, adopted a resolution providing for the issuance of a series of Preferred Stock, designated "5.14% Cumulative Preferred Stock", which resolution is as follows:

RESOLVED, That pursuant to the authority vested in the Board of Directors of the corporation by the Certificate of Incorporation, the Board of Directors does hereby provide for the issue of a series of the Cumulative Preferred Stock (herein called "Preferred Stock") of the par value of \$100 per share, of the corporation, to be designated "5.14% Cumulative Preferred Stock" (herein called "5.14% Preferred Stock"), and to the extent that the designations, powers, preferences and relative and other special rights and the qualifications, limitations and restriction of the 5.14% Preferred Stock are not stated and expressed in the Certificate of Incorporation does hereby to and herein state and express such designations, powers, preferences and relative and other special rights and the qualifications, limitations and restrictions thereof, as follows (all terms used herein which are defined in the Certificate of Incorporation to have the meanings provided therein):

- (1) The dividend rate of the 5.14% Preferred Stock shall be 5.14% per annum;
- (2) The amounts which the holders of the 5.11% Preferred Stock shall be entitled to receive in event of a voluntary liquidation, dissolution, or winding-up of the affairs of the corporation (in addition to accrued and unpaid dividends) shall be the respective amounts which they would be entitled to receive if on the date of such liquidation, dissolution or winding-up the shares of 5.14% Preferred Stock held by them had been redeemed by the corporation in accordance with the provisions of subdivision 4 of Part 1 of the Certificate of Incorporation at the prices set forth in paragraph (3) of this resolution;
- (3) The 5.14% Preferred Stock shall be redeemable in whole or in part at any time or from time to time, at the option of the corporation as provided below, and for the sinking finid as provided for in paragraph (4) hereof. The sums psyable upon the redemption thereof at the option of the corporation (in addition to accrued and unpaid dividends) shall be

\$105.90 per share if redeemed prior to April 1, 1967; or

\$104.87 per share if redeemed on or after April 1, 1967 and prior to April 1, 1970; or

\$103.84 per share if redeemed on or after April 1, 1970 and prior to April 1, 1973; or

340281 per share it redeemed on or after April 1, 1973 and prior to April 1, 1976; or

\$101.78 per share if redeemed on or after April 1, 1976 and prior to April 1, 1979; or

\$100.75 per share if redeemed on or after April 1, 1979;

(7) Any or all of the authorized and unissued Cumulative Proferred Stock, which may hereafter be issuable, may be issued as 5.14% Preferred Stock, except that no 5.14% Preferred Stock shall be issued on or after April 1, 1969;

and

That 150,000 shares of 5.14% Cumulative Preferred Stock have been initially authorized by the Board of Directors of said Company.

IN WHENESS WITHHOF, said Tennessee Gas Transmission Company has caused its corporate seal to be hereunto affixed and this Certificate to be signed by Hanoro Burnow, as President, and M. H Covey, as Secretary, this 6th day of April, 1964.

THIN MESSEE GAS TRANSMISSION COMPANY

Secretory

County of Harris STATE OF TEXAS

BE IT RESTENDENCE, that on this oth day of April, 1964, personally came before me, a Notary Public in and for the County and State aforesaid, HAROLD BURROW, President of Tennessee Gas Transmission Company, a corporation of the State of Delaware, and one of the persons who signed the foregoing Certificate and he, the said HAROLD BURROW, as President, duly executed the Certificate before me and acknowledged the said Certificate to be his act and deed; that the signatures of the said President and of the said Secretary of said corporation to said foregoing Certificate are in the handwriting of the said President and Secretary of said corporation respectively and that the seal affixed to said Certificate is the corporate seal of said corporation.

IN WILNESS WHEREOF, I have hereunto set my hand and seal of office the day and year aforesaid.

BITTY WEISBACH

Notary P. Mir a real for House County, Toxos

My Commission I ; has June 1, 19 dead

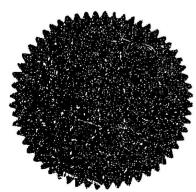


Office of Secretary of State.

I, Elisha C. Dukes, Secretary of State of the State of Delaware, do hereby certify that the above and foregoing is a true and correct copy of

Certificate of Designation, Preserver and Rights of Preferred Stock Designated "5.14% Cumulative Preferred Stock" of the "TENNESSEE GAS TRANSMISSION COMPANY", as received and filed in this office the ninth day of April, A D. 1964, at 8:30 o'clock A.M.

An	Testimony	W hereof,	Phaneherer	into set my hand
an	d official sea	lat Dover	this ninta	day
	0/	April	in the	year of our Lord
				nixty tour.



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ATTANTA CHICAGO NALLAS JEHREY CITY LON ANOHURA

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HOUSTON 77002.

608 FANNIN STREET CAPTOL SOTTLAD AHMA GUDB 716

April 13, 1964

RE:

TENNESSEE GAS TRANSMISSION COMPANY

(DEL.DOM.)

COUNSEL:

Mr. M. H. Covey

Tennespee Gas Transmission Company

P. O. Blx 2511

Houston, Texas 77001

Secretary of State of Kentucky Corporation Department State Capitol Building Frankfort, Kentucky Dear Sir:

Pursuant to the instructions of counsel named above, we enclose for filing on behalf of this corporation, which is authorized to do business in your state, one certified copy of Certificate of Designation.

Check in payment of the required fees is attached. forward the usual evidence of filing to this office.

Yours very truly,

C T CORPORATION SYSTEM

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SPECIAL INSTRUCTIONS:

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April 3, 1964

HOUSTON 77002. 608 FANNIN STREET CAPPROL 8-0446 EIF SGOU ANNA

RE:

TENNESSEE GAS TRANSMISSION COMPANY

(DEL. DOM. - KY. FGN.)

COUNSEL:

Mr. M. H. Covey, Attorney Tennessee Gas Transmission Company

P. O. Box 2511

Houston, Texas 77001

Secretary of State of Kentucky Corporation Department State Capitol Building Frankfort, Kentucky Dear Sir:

Pursuant to the instructions of counsel named above, we enclose for filing on behalf of this corporation, which is authorized to do business in your state, one certified copy of Certificate of Retirement.

Check in payment of the required fees is attached. Please forward the usual evidence of filing to this office.

Yours very truly,

C T CORPORATION SYSTEM

LD/da encls.

SPECIAL INSTRUCTIONS: