

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**WASHINGTON, D.C. 20549**

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**FORM 8-K**  
CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): May 28, 2019

Commission File Number	Exact Name of Registrants as Specified in their Charters, State of Incorporation, Address and Telephone Number	I.R.S. Employer Identification Number
1-14201	SEMPRA ENERGY (A California Corporation) 488 8th Avenue San Diego, California 92101 (619) 696-2000	33-0732627
1-03779	SAN DIEGO GAS & ELECTRIC COMPANY (A California Corporation) 8326 Century Park Court San Diego, California 92123 (619) 696-2000	95-1184800

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(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

SECURITIES REGISTERED PURSUANT TO SECTION 12(b) OF THE ACT:

Title of Each Class	Trading Symbol	Name of Each Exchange on Which Registered
Sempra Energy:		
Sempra Energy Common Stock, without par value	SRE	NYSE
Sempra Energy 6% Mandatory Convertible Preferred Stock, Series A, \$100 liquidation preference	SRE.PRA	NYSE
Sempra Energy 6.75% Mandatory Convertible Preferred Stock, Series B, \$100 liquidation preference	SRE.PRB	NYSE
San Diego Gas & Electric Company:		
None		

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR 230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR 240.12b-2).

	Emerging growth company
Sempra Energy	<input type="checkbox"/>
San Diego Gas & Electric Company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Sempra Energy	<input type="checkbox"/>
San Diego Gas & Electric Company	<input type="checkbox"/>

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**Item 8.01 Other Events.**

On May 31, 2019, San Diego Gas & Electric Company (the “Company”), an indirect subsidiary of Sempra Energy, closed the public offering and sale of \$400,000,000 aggregate principal amount of its 4.100% First Mortgage Bonds, Series TTT, due 2049 (the “Bonds”) with proceeds to the Company (after deducting the underwriting discount but before other expenses estimated at approximately \$900,000) of 99.020% of the aggregate principal amount of the Bonds. The sale of the Bonds was registered under the Company’s Registration Statement on Form S-3 (File No. 333-222650).

The Bonds were issued pursuant to the Sixty-Eighth Supplemental Indenture, dated as of May 31, 2019, which is attached hereto as Exhibit 4.1. The Bonds will mature on June 15, 2049. The Bonds will bear interest at the rate of 4.100% per annum. Interest on the Bonds will accrue from May 31, 2019 and is payable semiannually in arrears on June 15 and December 15 of each year, beginning on December 15, 2019. The Bonds will be redeemable prior to maturity, at the Company’s option, at the redemption prices and under the circumstances described in the form of Bond, which form is included in Exhibit 4.1 hereto.

Further information regarding the sale of the Bonds is contained in the underwriting agreement, dated May 28, 2019, which is attached hereto as Exhibit 1.1.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits

<b>Exhibit Number</b>	<b>Description of Exhibit</b>
1.1	<a href="#"><u>Underwriting Agreement, dated May 28, 2019, among San Diego Gas &amp; Electric Company and the several underwriters named therein.</u></a>
4.1	<a href="#"><u>Sixty-Eighth Supplemental Indenture, dated as of May 31, 2019.</u></a>
4.2	<a href="#"><u>Form of Series TTT Bond (Included in Exhibit 4.1 hereto).</u></a>
5.1	<a href="#"><u>Opinion of Latham &amp; Watkins LLP.</u></a>
23.1	<a href="#"><u>Consent of Latham &amp; Watkins LLP (contained in the opinion filed as Exhibit 5.1 hereto).</u></a>

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**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrants have duly caused this report to be signed on their behalf by the undersigned hereunto duly authorized.

Date: May 31, 2019

**SEMPRA ENERGY**

By: /s/ Peter R. Wall  
Peter R. Wall  
Vice President, Controller and Chief Accounting  
Officer

Date: May 31, 2019

**SAN DIEGO GAS & ELECTRIC COMPANY**

By: /s/ Bruce A. Folkmann  
Bruce A. Folkmann  
Vice President, Controller, Chief Financial Officer,  
Chief Accounting Officer and Treasurer

San Diego Gas & Electric Company  
4.100% First Mortgage Bonds, Series TTT, due 2049

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Underwriting Agreement

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May 28, 2019

BNP Paribas Securities Corp.  
787 Seventh Avenue  
New York, New York 10019

Citigroup Global Markets Inc.  
388 Greenwich Street  
New York, New York 10013

Deutsche Bank Securities Inc.  
60 Wall Street  
New York, New York 10005

Mizuho Securities USA LLC  
320 Park Avenue  
New York, New York 10022

As Representatives of the several Underwriters

Ladies and Gentlemen:

San Diego Gas & Electric Company, a California corporation (the “**Company**”), confirms its agreement with each of the Underwriters named in Schedule I hereto (collectively, the “**Underwriters**,” which term shall also include any underwriter substituted as hereinafter provided in Section 9 hereof), for whom BNP Paribas Securities Corp., Citigroup Global Markets Inc., Deutsche Bank Securities Inc. and Mizuho Securities USA LLC, are acting as representatives (the “**Representatives**”), with respect to the issue and sale by the Company and the purchase by the Underwriters, acting severally and not jointly, of \$400,000,000 aggregate principal amount of the Company’s 4.100% First Mortgage Bonds, Series TTT, due 2049 (the “**Bonds**”). The Bonds are to be issued pursuant to a Mortgage and Deed of Trust dated as of July 1, 1940 (the “**Base Indenture**”), as supplemented and amended by the Sixty-Eighth Supplemental Indenture to be dated as of May 31, 2019 (the “**Current Supplemental Indenture**”) and all other indentures supplemental thereto and amendatory thereof (each, including the Current Supplemental Indenture, a “**Supplemental Indenture**;” the Base

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Indenture, as amended and supplemented by all Supplemental Indentures, is referred to herein as the “**Indenture**”), each between the Company and U.S. Bank National Association, as successor trustee (the “**Trustee**”).

The Company has filed with the Securities and Exchange Commission (the “**Commission**”) a shelf registration statement on Form S-3 (File No. 333-222650) under the Securities Act of 1933, as amended (the “**Act**”), for the registration of the Company’s first mortgage bonds (the “**First Mortgage Bonds**”) (such registration statement, as amended through the date hereof, including the information deemed pursuant to Rule 430B under the rules and regulations of the Commission under the Act (the “**Rules and Regulations**”) to be part of the registration statement at the time of its effectiveness with respect to the offering contemplated by this Agreement, is herein referred to as the “**Initial Registration Statement**”); the Initial Registration Statement and any post-effective amendments thereto subsequent to the date hereof, each in the form heretofore delivered or to be delivered to the Representatives for each of the other Underwriters and, excluding exhibits to the Initial Registration Statement but including all documents incorporated by reference in the prospectus contained in such Initial Registration Statement, have been declared effective by the Commission in such form; a registration statement, if any, increasing the size of the offering, filed pursuant to Rule 462(b) of the Rules and Regulations is herein referred to as the “**Rule 462(b) Registration Statement**.”

The term “**Registration Statement**” means, collectively, the various parts of the Initial Registration Statement, any post-effective amendments thereto and the Rule 462(b) Registration Statement, if any, including all exhibits thereto and the documents incorporated by reference in the prospectus contained in the Initial Registration Statement at the time such part of the Initial Registration Statement became effective but excluding any Form T-1 (as defined below), each as amended at the time such part of the Initial Registration Statement became effective or such Rule 462(b) Registration Statement, if any, became or hereafter becomes effective. The Company proposes to file with the Commission pursuant to Rule 424(b) of the Rules and Regulations the Prospectus Supplement (as defined in Section 5(h) hereof) relating to the Bonds and the prospectus dated February 1, 2018 (the “**Base Prospectus**”), and has previously advised you of all further information (financial and other) with respect to the Company set forth therein. The Base Prospectus together with the Prospectus Supplement, in their respective forms on the date hereof (being the forms in which they are to be filed with the Commission pursuant to Rule 424(b) of the Rules and Regulations), including all documents incorporated or deemed to be incorporated by reference therein through the date hereof, are hereinafter referred to as, collectively, the “**Prospectus**,” except that if any revised prospectus or prospectus supplement shall be provided to the Underwriters by the Company for use in connection with the offering and sale of the Bonds which differs from the Prospectus (whether or not such revised prospectus or prospectus supplement is required to be filed by the Company pursuant to Rule 424(b) of the Rules and Regulations), the term “**Prospectus**” shall refer to such revised prospectus or prospectus supplement, as the case may be, from and after the time it is first provided to the Underwriters for such use. The term “**Preliminary Prospectus**,” as used in this Agreement, means the preliminary prospectus supplement dated May 28, 2019 and filed with the Commission pursuant to Rule 424(b) of the Rules and Regulations, together with the Base Prospectus used with such preliminary prospectus supplement in connection with the marketing of the Bonds, in each case as amended or supplemented by the Company, including all documents incorporated or deemed to be incorporated by reference therein through the date

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thereof. Unless the context otherwise requires, all references in this Agreement to documents, financial statements and schedules and other information which is “contained,” “included,” “stated,” “described in” or “referred to” in the Registration Statement, the Preliminary Prospectus or the Prospectus (and all other references of like import) shall be deemed to mean and include all such documents, financial statements and schedules and other information which is or is deemed to be incorporated by reference in the Registration Statement, the Preliminary Prospectus or the Prospectus, as the case may be; and all references in this Agreement to amendments or supplements to the Registration Statement, the Preliminary Prospectus or the Prospectus shall be deemed to mean and include the filing of any document under the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”), after the date of this Agreement which is or is deemed to be incorporated by reference in the Registration Statement, the Preliminary Prospectus or the Prospectus, as the case may be.

At or prior to 3:40 p.m. (New York City time) on the date hereof, which was the time when sales of the Bonds were first made (such time, the “**Applicable Time**”), the Company had prepared the following information (collectively the “**Pricing Disclosure Package**”): the Preliminary Prospectus and each “free-writing prospectus” (as defined pursuant to Rule 405 of the Rules and Regulations) listed on Schedule II hereto.

1. The Company represents and warrants to each Underwriter as of the date hereof (such date being hereinafter referred to as the “**Representation Date**”), as of the Applicable Time, and as of the Time of Delivery referred to in Section 4 as follows:

(a) No order preventing or suspending the use of the Preliminary Prospectus has been issued by the Commission, and the Preliminary Prospectus, at the time of filing thereof, complied in all material respects with the Act and did not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that the representations and warranties in this subsection (a) shall not apply to statements in or omissions from the Preliminary Prospectus made in reliance upon and in conformity with information furnished to the Company in writing by any Underwriter through the Representatives expressly for use in the Preliminary Prospectus;

(b) The Pricing Disclosure Package, at the Applicable Time, did not contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that the representations and warranties in this subsection (b) shall not apply to statements in or omissions from the Pricing Disclosure Package made in reliance upon and in conformity with information furnished to the Company in writing by any Underwriter through the Representatives expressly for use in such Pricing Disclosure Package;

(c) The Company (including its agents and representatives, other than the Underwriters in their capacity as such) has not prepared, made, used, approved or referred to and will not prepare, make, use, approve or refer to any “written communication” (as defined in Rule 405 of the Rules and Regulations) that constitutes an

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offer to sell or solicitation of an offer to buy the Bonds (each such communication by the Company or its agents and representatives other than the Underwriters in their capacity as such (other than a communication referred to in clauses (i), (ii) and (iii) below) an “**Issuer Free Writing Prospectus**”) other than (i) any document not constituting a prospectus pursuant to Section 2(a)(10)(a) of the Act or Rule 134 of the Rules and Regulations, (ii) the Preliminary Prospectus, (iii) the Prospectus, (iv) the documents listed on Schedule II hereto and (v) any electronic road show or other written communications, in each case approved in advance by the Representatives. Each such Issuer Free Writing Prospectus complied in all material respects with the Act, has been or will be (within the time period specified in Rule 433 of the Rules and Regulations) filed (to the extent required thereby) in accordance with the Act and when taken together with the Preliminary Prospectus accompanying, or delivered prior to delivery of, such Issuer Free Writing Prospectus, did not, and at the Time of Delivery will not, contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that the representations and warranties in this subsection (c) shall not apply to statements in or omissions from any Issuer Free Writing Prospectus made in reliance upon and in conformity with information furnished to the Company in writing by any Underwriter through the Representatives expressly for use in any Issuer Free Writing Prospectus. Each Issuer Free Writing Prospectus, as of its issue date and at all subsequent times through the completion of the public offer and sale of the Bonds or until any earlier date that the Company notified or notifies the Representatives as described in Section 5(c) with respect to such Issuer Free Writing Prospectus, did not, does not and will not include any information that conflicted, conflicts or will conflict with the information contained in the Registration Statement, the Prospectus or the Preliminary Prospectus that has not been superseded or modified;

(d) The Registration Statement, at the respective times the Registration Statement and any post-effective amendments thereto became effective, and the Registration Statement and the Prospectus, as of the Representation Date, complied and comply in all material respects with the requirements of the Act and the Rules and Regulations (including Rule 415(a) of the Rules and Regulations), and the Trust Indenture Act of 1939, as amended (the “**Trust Indenture Act**”), and the rules and regulations of the Commission under the Trust Indenture Act, and the Registration Statement did not and as of the Representation Date and at the Time of Delivery does not and will not contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading. No order suspending the effectiveness of the Registration Statement has been issued under the Act and no proceedings for that purpose or pursuant to Section 8A of the Act against the Company or related to the offering of the Bonds have been instituted or are pending or, to the knowledge of the Company, are contemplated by the Commission, and any request on the part of the Commission for additional information has been complied with. The Prospectus, at the Representation Date (unless the term “Prospectus” refers to a prospectus which has been provided to the Underwriters by the Company for use in connection with the offering of the Bonds which differs from the Prospectus filed with the Commission pursuant to Rule 424(b) of the Rules and Regulations, in which case at the time it is first provided to the Underwriters for such use) and at the Time of Delivery,



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does not and will not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that the representations and warranties in this subsection (d) shall not apply to statements in or omissions from the Registration Statement or Prospectus made in reliance upon and in conformity with information furnished to the Company in writing by any Underwriter through the Representatives expressly for use in the Registration Statement or the Prospectus or the information contained in any Statement of Eligibility and Qualification of a trustee under the Trust Indenture Act filed as an exhibit to the Registration Statement (a “**Form T-1**”);

(e) The documents filed by the Company and incorporated or deemed to be incorporated by reference into the Registration Statement, the Prospectus and the Pricing Disclosure Package pursuant to Item 12 of Form S-3 under the Act, at the time they were or hereafter are filed with the Commission, complied and will comply in all material respects with the requirements of the Exchange Act and the rules and regulations of the Commission thereunder and, when read together and with the other information in the Registration Statement, the Prospectus and the Pricing Disclosure Package, at the respective times the Registration Statement and any amendments thereto became effective, at the Representation Date, at the Applicable Time and at the Time of Delivery, did not, do not and will not contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading;

(f) The Company and its subsidiaries, taken as a whole, have not sustained since the date of the latest audited financial statements included or incorporated by reference in the Prospectus any material loss or interference with its business from fire, explosion, flood or other calamity, whether or not covered by insurance, or from any labor dispute or court or governmental action, order or decree, otherwise than as set forth or contemplated in the Pricing Disclosure Package and the Prospectus; and, since the date as of which information is given in the Pricing Disclosure Package and the Prospectus, there has not been any material change in the capital stock or long-term debt of the Company or any of its subsidiaries or any material adverse change, or any development involving a prospective material adverse change, in or affecting the general affairs, management or consolidated financial position, shareholders’ equity or results of operations of the Company and its subsidiaries, taken as a whole, otherwise than as set forth or contemplated in the Pricing Disclosure Package and the Prospectus;

(g) The Company has been duly incorporated and is validly existing as a corporation in good standing under the laws of the State of California, with power and authority (corporate and other) to own its properties and conduct its business as described in the Pricing Disclosure Package and the Prospectus, and has been duly qualified as a foreign corporation for the transaction of business and is in good standing under the laws of each other jurisdiction in which it owns or leases properties or conducts any business so as to require such qualification, except where the failure to be so qualified or in good standing would not, individually or in the aggregate, reasonably be expected to have a material adverse effect on the consolidated financial position, shareholders’ equity or

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results of operations of the Company and its subsidiaries, taken as a whole; and the subsidiaries of the Company, considered in the aggregate as a single subsidiary, do not constitute a “significant subsidiary” as defined in Rule 1-02 of Regulation S-X;

(h) The Company has an authorized capitalization as set forth in the Pricing Disclosure Package and the Prospectus, and all of the issued shares of capital stock of the Company have been duly and validly authorized and issued and are fully paid and non-assessable and conform to the description thereof contained in the Pricing Disclosure Package and the Prospectus;

(i) The Bonds have been duly authorized for issuance and sale by the Company and, when the Bonds are issued and delivered pursuant to this Agreement, the Bonds will have been duly executed by the Company and, when authenticated in the manner provided for in the Indenture and delivered against payment of the purchase price therefor specified in this Agreement, the Bonds will have been duly delivered by the Company 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 bankruptcy, insolvency, receivership, liquidation, fraudulent conveyance, fraudulent transfer, reorganization, moratorium and similar laws of general applicability relating to or affecting creditors’ rights and to general equity principles; the Indenture has been duly authorized by the Company and duly qualified under the Trust Indenture Act and, at the Time of Delivery, the Indenture will have been duly executed and delivered by, and will constitute a valid and legally binding agreement of, the Company, enforceable in accordance with its terms, subject, as to enforcement, to bankruptcy, insolvency, receivership, liquidation, fraudulent conveyance, fraudulent transfer, reorganization, moratorium and similar laws of general applicability relating to or affecting creditors’ rights and to general equity principles; and the Indenture conforms in all material respects, and the Bonds will conform in all material respects, to the descriptions thereof contained in the Pricing Disclosure Package and the Prospectus, as amended or supplemented;

(j) This Agreement has been duly authorized, executed and delivered by the Company;

(k) The issue and sale of the Bonds and the compliance by the Company with all of the provisions of the Bonds, the Indenture and this Agreement, and the consummation of the transactions herein and therein contemplated will not (i) conflict with or result in a breach or violation of any of the terms or provisions of, or constitute a default under, any contract, indenture, mortgage, deed of trust, loan agreement, note, lease or other agreement or instrument to which the Company is a party or by which the Company is bound or to which any of the properties or assets of the Company is subject, (ii) result in any violation of the provisions of the Amended and Restated Articles of Incorporation or the Amended and Restated Bylaws of the Company, or (iii) result in any violation of any statute or any order, rule or regulation of any court or governmental agency or body having jurisdiction over the Company or any of its properties, except, solely in the case of clauses (i) and (iii) above, for such conflicts, breaches, violations or defaults that would not, individually or in the aggregate, reasonably be expected to have a material

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adverse effect on the consolidated financial position, shareholders' equity or results of operations of the Company and its subsidiaries, taken as a whole; and no consent, approval, authorization, order, registration or qualification of or with any such court or governmental agency or body is required for the issue and sale of the Bonds or the consummation by the Company of the transactions contemplated by this Agreement or the Indenture, except such as have been obtained under the Act, the Trust Indenture Act and from the Public Utilities Commission of the State of California and such consents, approvals, authorizations, registrations or qualifications as may be required under state securities or Blue Sky laws in connection with the purchase and distribution of the Bonds by the Underwriters;

(l) The statements set forth in the Pricing Disclosure Package and the Prospectus, as amended or supplemented, under the captions "Description of First Mortgage Bonds" and "Supplemental Description of First Mortgage Bonds," insofar as they purport to constitute a summary of the terms of the Bonds or the Indenture, and under the captions "Plan of Distribution" and "Underwriting (Conflicts of Interest)," insofar as they purport to describe the provisions of the laws and documents referred to therein, are accurate, complete and fair in all material respects;

(m) The Company is not (i) in violation of its Amended and Restated Articles of Incorporation or Amended and Restated Bylaws or (ii) in default in the performance or observance of any material obligation, agreement, covenant or condition contained in any contract, indenture, mortgage, deed of trust, loan agreement, note, lease or other agreement or instrument to which it is a party or by which it or any of its properties may be bound, except in the case of clause (ii) for such defaults which, individually or in the aggregate, would not reasonably be expected to have a material adverse effect on the consolidated financial position, shareholders' equity or results of operations of the Company and its subsidiaries, taken as a whole;

(n) Other than as set forth in the Pricing Disclosure Package and the Prospectus, (i) there are no legal or governmental proceedings pending to which the Company or any of its subsidiaries is a party or of which any property of the Company or any of its subsidiaries is the subject, except for such proceedings which, if determined adversely to the Company or any of its subsidiaries, would not reasonably be expected individually or in the aggregate to have a material adverse effect on the consolidated financial position, shareholders' equity or results of operations of the Company and its subsidiaries, taken as a whole and (ii) to the best of the Company's knowledge, no such proceedings are threatened or contemplated by governmental authorities or threatened by others;

(o) The Company is not and after giving effect to the offering and sale of the Bonds, will not be, an "investment company," as such term is defined in the Investment Company Act of 1940, as amended (the "**Investment Company Act**");

(p) Deloitte & Touche LLP, who have certified certain financial statements of the Company and its subsidiaries, taken as a whole, is an independent registered public accounting firm as required by the Act and the Rules and Regulations and the rules and regulations of the Public Company Accounting Oversight Board;

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(q) The financial statements of the Company and its consolidated subsidiaries included or incorporated by reference in the Registration Statement, the Pricing Disclosure Package and Prospectus present fairly in all material respects the consolidated financial position of the Company and its consolidated subsidiaries as of the dates indicated and the consolidated results of their operations for the periods specified; and, except as stated therein, such financial statements have been prepared in conformity with generally accepted accounting principles in the United States applied on a consistent basis;

(r) The Company and each of its consolidated subsidiaries maintains a system of internal accounting controls sufficient to provide reasonable assurance that (i) transactions are executed in accordance with management's general or specific authorizations; (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with generally accepted accounting principles in the United States and to maintain asset accountability; (iii) access to assets is permitted only in accordance with management's general or specific authorization; and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any material differences;

(s) The Company and each of its consolidated subsidiaries maintain "disclosure controls and procedures" (as such term is defined in Rule 13a-15(e) under the Exchange Act); such disclosure controls and procedures are effective;

(t) The Company and its subsidiaries possess such certificates, authorities or permits issued by the appropriate state, federal, local or foreign regulatory agencies or bodies necessary to conduct their businesses as described in the Pricing Disclosure Package and the Prospectus, except where the failure to possess such certificates, authorities or permits, individually or in the aggregate, would not have a material adverse effect on the consolidated financial position, shareholders' equity or results of operations of the Company and its subsidiaries, taken as a whole; and neither the Company nor any of its subsidiaries has received any notice of proceedings relating to the revocation or modification of any such certificate, authority or permit which, individually or in the aggregate, if the subject of an unfavorable decision, ruling or finding, would have a material adverse effect on the consolidated financial position, shareholders' equity or results of operations of the Company and its subsidiaries, taken as a whole;

(u) The Company and its subsidiaries are in compliance with, and conduct their respective businesses in conformity with, all applicable state, federal, local and foreign laws and regulations relating to the operation and ownership of a public utility, including, without limitation, those relating to the distribution and transmission of natural gas, except to the extent that any failure so to comply or conform would not individually or in the aggregate have a material adverse effect on the consolidated financial position, shareholders' equity or results of operations of the Company and its subsidiaries, taken as a whole;

(v) The Public Utilities Commission of the State of California has duly authorized the issuance and sale of the Bonds by the Company on the terms set forth in the Pricing

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Disclosure Package and the Prospectus and in this Agreement, such authorization is in full force and effect and no authorization of any other governmental agency having regulatory jurisdiction over the Company is required for such issuance and sale except such as may be required by the securities or blue sky laws of any jurisdiction;

(w) The Company and its subsidiaries hold all franchises, certificates of public convenience and necessity, permits, licenses and easements necessary to own, operate and maintain their properties as described in the Pricing Disclosure Package and the Prospectus, except to the extent that such failure, individually or in the aggregate, would not reasonably be expected to have a material adverse effect on the consolidated financial position, shareholders' equity or results of operations of the Company and its subsidiaries, taken as a whole;

(x) The Company and its subsidiaries have good and valid title to all the principal plants and other important units of their property and to all other real estate and fixed property (including plants, machinery and equipment) specifically described in the Indenture as subject to the lien thereof (except property theretofore retired or released from such lien in accordance with the terms of the Indenture) subject only to Permitted Liens (as defined in the Indenture) and permitted Non-Callable Liens (as defined in the Indenture) (collectively, "**Permissible Encumbrances**") and other liens and charges permitted by the Indenture and such liens, charges, encumbrances, defects, qualifications, exceptions and other matters affecting title, possession or use as are set forth or referred to in the Pricing Disclosure Package and the Prospectus or which, individually or in the aggregate, would not reasonably be expected to have a material adverse effect on the consolidated financial position, shareholders' equity or results of operations of the Company and its subsidiaries, taken as a whole;

(y) The Base Indenture and each Supplemental Indenture has been duly recorded (or, in the case of the Current Supplemental Indenture, arrangements have been made for the recording thereof as promptly as practicable following the Time of Delivery) in all offices of county recorders or clerks of all counties in the States of California, Arizona and Nevada in which any real property subject to the lien of the Indenture is located, appropriate financing statements in respect of personal property and fixtures have been filed in the Office of the Secretary of State of the States of California, Arizona and Nevada, and no other filing or recordation is necessary for the perfection and preservation of the lien created thereby except for recordations required in respect of after-acquired real property;

(z) The Indenture constitutes, as security for the Bonds, a valid and subsisting lien to the extent that it purports to be such on all the present properties of the Company (including plants, machinery, equipment, real estate and fixed property), rights and franchises of the Company and its subsidiaries (other than those properties excepted or released from the lien of the Indenture by its terms) subject only to Permissible Encumbrances and other liens and charges permitted by the Indenture and such liens, charges and encumbrances, defects, qualifications, exceptions and other matters as are set forth or referred to in the Pricing Disclosure Package and the Prospectus, or which would not reasonably be expected to materially affect the security for the Bonds, and upon

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acquisition thereafter by the Company of similar properties, the Indenture will, subject to liens existing thereon at the time of acquisition, create such a lien thereon; and

(aa) Except as otherwise described in the Pricing Disclosure Package and the Prospectus and except as would not, singly or in the aggregate, result in a material adverse effect on the consolidated financial position, shareholders' equity or results of operations of the Company and its subsidiaries, taken as a whole, (A) neither the Company nor any of its subsidiaries is in violation of any federal, state, local or foreign statute, law, rule, regulation, ordinance, code, policy or rule of common law or any judicial or administrative interpretation thereof, including any judicial or administrative order, consent, decree or judgment, relating to pollution or protection of human health, the environment (including without limitation, ambient air, surface water, groundwater, land surface or subsurface strata) or wildlife, including, without limitation, laws and regulations relating to the release or threatened release of chemicals, pollutants, contaminants, wastes, toxic substances, hazardous substances, petroleum or petroleum products (collectively, "**Hazardous Materials**") or to the manufacture, processing, distribution, use, treatment, storage, disposal, transport or handling of Hazardous Materials (collectively, "**Environmental Laws**"), (B) the Company and its subsidiaries have all permits, authorizations and approvals required under any applicable Environmental Laws and are each in compliance with their requirements, (C) there are no pending or, to the knowledge of the Company, threatened, administrative, regulatory or judicial actions, suits, demands, demand letters, claims, liens, notices of noncompliance or violations, investigations or proceedings relating to any Environmental Law against the Company or any of its subsidiaries and (D) there are no events or circumstances that might reasonably be expected to form the basis of an order for clean-up or remediation, or an action, suit or proceeding by any private party or governmental body or agency, against or affecting the Company or any of its subsidiaries relating to Hazardous Materials or any Environmental Laws.

Any certificate signed by any officer of the Company and delivered to the Representatives or counsel for the Underwriters pursuant to this Agreement shall be deemed a representation and warranty by the Company, as to matters covered thereby, to each Underwriter, and the officer(s) signing such certificate shall have no personal liability for any representation or warranty so made.

2. The Company understands that upon authorization by the Representatives of the release of the Bonds, the several Underwriters propose to offer the Bonds for sale upon the terms and conditions set forth in the Prospectus, as amended or supplemented.

3. On the basis of the representations and warranties herein contained and subject to the terms and conditions herein set forth, the Company agrees to sell to each Underwriter, severally and not jointly, and each Underwriter, severally and not jointly, agrees to purchase from the Company, at 99.020% of the principal amount thereof, the aggregate principal amount of Bonds set forth in Schedule I opposite the name of such Underwriter, plus any additional principal amount of Bonds which such Underwriter may become obligated to purchase pursuant to the provisions of Section 9 hereof.

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4. Payment of the purchase price for, and delivery of certificates for, the Bonds shall be made at the office of Latham & Watkins LLP, 885 Third Avenue, New York, New York 10022 or at such other place as shall be agreed upon by the Representatives and the Company, at 10:00 a.m. (New York City time), on May 31, 2019, or such other time not later than ten business days after such date as shall be agreed upon by the Representatives and the Company (such time and date of payment and delivery being herein called the “**Time of Delivery**”). Payment shall be made to the Company by wire transfer of Federal (same day) funds to the account specified by the Company to the Representatives at least forty-eight hours in advance against delivery to the Representatives for the respective accounts of the Underwriters of certificates for the Bonds to be purchased by them. Certificates for the Bonds shall be in such authorized denominations and registered in such names as the Representatives may request upon at least forty-eight hours prior notice to the Company. It is understood that each Underwriter has authorized the Representatives, for its account, to accept delivery of, receipt for, and make payment of the purchase price for, the Bonds which it has agreed to purchase. Mizuho Securities USA LLC, individually and not as representative of the Underwriters, may (but shall not be obligated to) make payment of the purchase price for the Bonds to be purchased by any Underwriter whose check has not been received by the Time of Delivery, but such payment shall not release such Underwriter from its obligations hereunder. The certificates for the Bonds will be made available for examination and packaging by the Representatives not later than 10:00 a.m. (New York City time), on the last business day prior to the Time of Delivery in New York, New York.

5. The Company agrees with each of the Underwriters:

(a) To prepare the Prospectus, as amended or supplemented, in a form approved by the Representatives and to file such Prospectus pursuant to Rule 424(b) under the Act not later than the Commission’s close of business on the second business day following the date hereof or, if applicable, such earlier time as may be required by Rule 424(b); to make no further amendment or any supplement to the Registration Statement or Prospectus, as amended or supplemented, after the date hereof and on or prior to the Time of Delivery which shall be reasonably disapproved by the Representatives promptly after reasonable notice thereof; to advise the Representatives promptly of any such amendment or supplement after the Time of Delivery and furnish the Representatives with copies thereof; to file promptly all reports and any definitive proxy or information statements required to be filed by the Company with the Commission pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act for so long as the delivery of a prospectus is required in connection with the offering or sale of the Bonds, and during such same period to advise the Representatives, promptly after it receives notice thereof, of the time when any amendment to the Registration Statement has been filed or becomes effective or any supplement to the Prospectus or any amended Prospectus has been filed with the Commission, of the issuance by the Commission of any stop order or of any order preventing or suspending the use of any prospectus relating to the Bonds, of the suspension of the qualification of the Bonds for offering or sale in any jurisdiction, of the initiation or threatening of any proceeding for any such purpose, or of any examination pursuant to Section 8(e) of the Act concerning the Registration Statement, or of the Company becoming the subject of a proceeding under Section 8A of the Act in connection with the offering of the Bonds, or of any request by the Commission for the

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amending or supplementing of the Registration Statement or Prospectus or for additional information; and, in the event of the issuance of any such stop order or of any such order preventing or suspending the use of any prospectus relating to the Bonds or suspending any such qualification, to promptly use reasonable best efforts to obtain the withdrawal of such order;

(b) To prepare a final term sheet or sheets, as the case may be (in either such case, the “**Final Term Sheet**”) reflecting the final terms of the Bonds, in the form of Schedule III hereto (except that the Final Term Sheet may also include information regarding the credit ratings of the Bonds and such other information as the Company and the Representatives may agree), and file such Final Term Sheet as an “issuer free writing prospectus” pursuant to Rule 433 prior to the close of business two business days after the date hereof; provided that the Company shall furnish the Representatives with copies of such Final Term Sheet a reasonable amount of time prior to such proposed filing and will not use or file any such document to which the Representatives or counsel to the Underwriters shall reasonably object;

(c) If at any time after the date hereof any events shall have occurred as a result of which any Issuer Free Writing Prospectus, as then amended or supplemented, would conflict with the information in the Registration Statement, the Preliminary Prospectus or the Prospectus or would include an untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading, or, if for any other reason it shall be necessary to amend or supplement any Issuer Free Writing Prospectus, to notify the Representatives and, upon their request, to file such document and to prepare and furnish without charge to each Underwriter as many copies as the Representatives may from time to time reasonably request of an amended or supplemented Issuer Free Writing Prospectus that will correct such conflict, statement or omission or effect such compliance;

(d) Promptly from time to time to take such action as the Representatives may reasonably request to qualify the Bonds for offering and sale under the securities laws of such domestic jurisdictions and (with the prior consent of the Company) foreign jurisdictions as the Representatives may request and to comply with such laws so as to permit the continuance of sales and dealings therein in such jurisdictions for as long as may be necessary to complete the distribution of the Bonds, provided that in connection therewith the Company shall not be required to qualify as a foreign corporation or to file a general consent to service of process in any jurisdiction;

(e) Prior to 10:00 a.m., New York City time, on the second business day succeeding the date hereof, or such later time or date as agreed to by the Company and the Representatives, and from time to time, to furnish the Underwriters with copies of the Prospectus in New York City, as amended or supplemented, in such quantities as the Representatives may reasonably request, and, if the delivery of a prospectus is required at any time in connection with the offering or sale of the Bonds and if at such time any event shall have occurred as a result of which the Prospectus as then amended or supplemented would include an untrue statement of a material fact or omit to state any



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material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made when such Prospectus is delivered, not misleading, or, if for any other reason it shall be necessary during such same period to amend or supplement the Prospectus or to file under the Exchange Act any document incorporated by reference in the Prospectus in order to comply with the Act, the Exchange Act or the Trust Indenture Act, to notify the Representatives and upon their request to file such document and to prepare and furnish without charge to each Underwriter and to any securities dealer participating in the offering of the Bonds as many copies as the Representatives may from time to time reasonably request of an amended Prospectus or a supplement to the Prospectus which will correct such statement or omission or effect such compliance;

(f) To make generally available to its securityholders as soon as practicable, but in any event not later than fifteen months after the date hereof, an earnings statement of the Company and its consolidated subsidiaries (which need not be audited) complying with Section 11(a) of the Act and the Rules and Regulations (including, at the option of the Company, Rule 158);

(g) During the period beginning from the date hereof and continuing to and including the later of (i) the termination of trading restrictions for the Bonds, as notified to the Company by the Representatives, but only if the Representatives shall have notified the Company in writing at the Time of Delivery that such trading restrictions have not been terminated, and (ii) the Time of Delivery, not to offer, sell, contract to sell or otherwise dispose of any First Mortgage Bonds, without the prior written consent of the Representatives;

(h) Immediately following the execution of this Agreement, the Company will prepare a prospectus supplement, dated the date hereof (the "**Prospectus Supplement**"), containing the terms of the Bonds, the plan of distribution thereof and such other information as may be required by the Act or the Rules and Regulations or as the Representatives and the Company deem appropriate, and will file or transmit for filing with the Commission in accordance with Rule 424(b) of the Rules and Regulations copies of the Prospectus (including such Prospectus Supplement);

(i) To apply the net proceeds from the sale of the Bonds as set forth in the Prospectus;

(j) If the Company elects to rely upon Rule 462(b), the Company shall file a Rule 462(b) Registration Statement with the Commission in compliance with Rule 462(b) by 10:00 P.M., Washington, D.C. time, on the date of this Agreement, and the Company shall at the time of filing pay to the Commission the filing fee for the Rule 462(b) Registration Statement;

(k) The Company represents and agrees that, unless it obtains the prior consent of the Representatives, and each Underwriter represents and agrees that, unless it obtains the prior consent of the Company and the Representatives, it has not made and will not make any offer relating to the Bonds that would constitute an Issuer Free Writing Prospectus,

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or that would otherwise constitute a “free writing prospectus,” as defined in Rule 405, required to be filed with the Commission; provided, however, that the prior written consent of the Representatives and the Company shall be deemed to have been given in respect of the Final Term Sheet and any other Issuer Free Writing Prospectuses included in Schedule II hereto; and provided further, however, that prior to the preparation of the Final Term Sheet in accordance with Section 5(b), the Underwriters are authorized to use the information with respect to the final terms of the Bonds in communications conveying information relating to the offering to investors. Any such free writing prospectus consented to by the Company and the Representatives or otherwise permitted by the immediately preceding sentence is hereinafter referred to as a “**Permitted Free Writing Prospectus**.” For purposes of clarity, it is understood and agreed that the term Issuer Free Writing Prospectus, as used in this Agreement, includes all Permitted Free Writing Prospectuses; and

(l) As promptly as practicable after the Time of Delivery, the Company will duly record the Current Supplemental Indenture in all offices of county recorders and clerks of all counties in the States of California, Arizona and Nevada in which any real property subject to the lien of the Indenture is located.

6. The Company covenants and agrees with the several Underwriters that the Company will pay or cause to be paid the following: (i) the fees, disbursements and expenses of the Company’s counsel and accountants in connection with the registration of the Bonds under the Act and all other expenses in connection with the preparation, printing and filing of the Registration Statement, the Preliminary Prospectus, any Permitted Free Writing Prospectus and the Prospectus and amendments and supplements thereto and the mailing and delivering of copies thereof to the Underwriters and dealers; (ii) the cost of printing or producing any Agreement among Underwriters, this Agreement, the Indenture, any Blue Sky and Legal Investment Memoranda, closing documents (including any compilations thereof) and any other documents in connection with the offering, purchase, sale and delivery of the Bonds; (iii) all expenses in connection with the qualification of the Bonds for offering and sale under state securities laws as provided in Section 5(d) hereof, including the reasonable fees and disbursements of counsel for the Underwriters in connection with such qualification and in connection with the Blue Sky and Legal Investment Memoranda; (iv) any fees charged by securities rating services for rating the Bonds; (v) any filing fees incident to, and the reasonable fees and disbursements of counsel for the Underwriters in connection with, any required review by The Financial Industry Regulatory Authority, Inc. of the terms of the sale of the Bonds; (vi) the cost of preparing the Bonds; (vii) the fees and expenses of the Trustee and any agent of the Trustee and the reasonable fees and disbursements of counsel for the Trustee in connection with the Indenture and the Bonds; (viii) any fees and expenses in connection with listing the Bonds and the cost of registering the Bonds under Section 12 of the Exchange Act; and (ix) all other costs and expenses incident to the performance of its obligations hereunder which are not otherwise specifically provided for in this Section. It is understood, however, that, except as provided in this Section, and Sections 8 and 11 hereof, the Underwriters will pay all of their own costs and expenses, including the fees of their counsel, transfer taxes on resale of any of the Bonds by them, and any advertising expenses connected with any offers they may make.

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7. The obligations of the Underwriters shall be subject, in the discretion of the Representatives, to the condition that all representations and warranties and other statements of the Company in or incorporated by reference in this Agreement are, at and as of the Time of Delivery, true and correct, the condition that the Company shall have performed all of its obligations hereunder theretofore to be performed, and the following additional conditions:

(a) The Prospectus, as amended or supplemented, shall have been filed with the Commission pursuant to Rule 424(b) within the applicable time period prescribed for such filing (without reliance on Rule 424(b)(8) of the Rules and Regulations and in accordance with Section 5(a) hereof); if the Company has elected to rely upon Rule 462(b), the Rule 462(b) Registration Statement shall have become effective by 10:00 P.M., Washington, D.C. time, on the date hereof; no stop order suspending the effectiveness of the Registration Statement or any part thereof shall have been issued and no proceeding for that purpose shall have been initiated or threatened by the Commission; and all requests for additional information from the Commission shall have been complied with to the Representatives' reasonable satisfaction.

(b) Counsel for the Underwriters shall have furnished to the Representatives such written opinion or opinions, dated the Time of Delivery, with respect to the Registration Statement and the Prospectus, as amended or supplemented, as well as such other related matters as the Representatives may reasonably request, and such counsel shall have received such papers and information as they may reasonably request to enable them to pass upon such matters.

(c) The Company's general counsel, or any associate or assistant general counsel of the Company, shall have furnished to the Representatives a written opinion, dated the Time of Delivery, in the form previously agreed and satisfactory to the Representatives.

(d) Latham & Watkins LLP shall have furnished to the Representatives their written opinion or opinions and negative assurances letter, dated the Time of Delivery, in the forms previously agreed and satisfactory to the Representatives.

(e) Deloitte & Touche LLP shall have furnished to the Representatives, on the date hereof at a time prior to the execution of this Agreement, a letter, dated the date hereof, in form and substance satisfactory to the Representatives, containing statements and information of the type ordinarily included in accountants' "comfort letters" to underwriters, and, at the Time of Delivery, a letter dated the Time of Delivery reaffirming the statements made in their letter dated the date hereof, except that the specified date referred to in such letter delivered on the Time of Delivery shall be a date not more than three days prior to the Time of Delivery, and with respect to such letter dated the Time of Delivery, as to such other matters as the Representatives may reasonably request and in form and substance satisfactory to the Representatives.

(f) (i) The Company and its subsidiaries, taken as a whole, shall have not sustained since the date of the latest audited financial statements included or incorporated by reference in the Prospectus, as amended prior to the date hereof, any material loss or interference with its business from fire, explosion, flood or other calamity, whether or not

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covered by insurance, or from any labor dispute or court or governmental action, order or decree, otherwise than as set forth or contemplated in the Pricing Disclosure Package and the Prospectus, as amended prior to the date hereof, and (ii) since the respective dates as of which information is given in the Pricing Disclosure Package and the Prospectus, as amended prior to the date hereof, there shall not have been any material change in the capital stock or long-term debt of the Company or any of its subsidiaries or any material adverse change, or any development involving a prospective material adverse change, in or affecting the general affairs, management or consolidated financial position, shareholders' equity or results of operations of the Company and its subsidiaries, taken as a whole, in each case otherwise than as set forth or contemplated in the Pricing Disclosure Package and the Prospectus, as amended prior to the date hereof, the effect of which, in any such case described in clause (i) or (ii), is in the judgment of the Representatives so material and adverse to the Company and its subsidiaries, taken as a whole, as to make it impracticable or inadvisable to proceed with the public offering or the delivery of the Bonds on the terms and in the manner contemplated in the Pricing Disclosure Package and the Prospectus as first amended or supplemented.

(g) At or after the Applicable Time (i) no downgrading shall have occurred in the rating accorded any of the Company's secured debt securities by any "nationally recognized statistical rating organization," as that term is defined by the Commission for purposes of Section 3(a)(62) under the Exchange Act, and (ii) no such organization shall have publicly announced that it has under surveillance or review, with possible negative implications, its rating of any of the Company's secured debt securities.

(h) On or after the date hereof there shall not have occurred any of the following: (i) a suspension or material limitation in trading in securities generally on the New York Stock Exchange; (ii) a suspension or material limitation in trading in the Company's securities on the New York Stock Exchange or the Nasdaq Global Market; (iii) a general moratorium on commercial banking activities declared by either Federal or New York or California State authorities or a material disruption in commercial banking or securities settlement or clearance services in the United States; or (iv) the outbreak or escalation of hostilities involving the United States or the declaration by the United States of a national emergency or war, or other calamity or crisis or any change or development involving a prospective change in national or international political, financial or economic conditions, if the effect of any such event specified in this clause (iv) in the judgment of the Representatives (A) is material and adverse and (B) makes it impracticable or inadvisable to proceed with the public offering or the delivery of the Bonds on the terms and in the manner contemplated in the Pricing Disclosure Package and the Prospectus as first amended or supplemented.

(i) The Company shall have complied with the provisions of Section 5(e) hereof with respect to the furnishing of prospectuses on the second business day succeeding the date hereof.

(j) The Company shall have furnished or caused to be furnished to the Representatives at the Time of Delivery a certificate of officers of the Company satisfactory to the Representatives as to the accuracy of the representations and

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warranties of the Company herein at and as of the Time of Delivery, as to the performance by the Company of all of its obligations hereunder to be performed at or prior to the Time of Delivery, as to the matters set forth in subsections (a) and (f) of this Section and as to such other matters as the Representatives may reasonably request.

8. (a) The Company will indemnify and hold harmless each Underwriter against any losses, claims, damages or liabilities, joint or several, to which such Underwriter may become subject, under the Act or otherwise, insofar as such losses, claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon an untrue statement or alleged untrue statement of a material fact contained in the Preliminary Prospectus, the Registration Statement, any Issuer Free Writing Prospectus, the Prospectus or any other prospectus relating to the Bonds, or any amendment or supplement thereto, or arise out of or are based upon the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, and will reimburse each Underwriter for any legal or other expenses reasonably incurred by such Underwriter in connection with investigating or defending any such action or claim as such expenses are incurred; provided, however, that the Company shall not be liable in any such case to the extent that any such loss, claim, damage or liability arises out of or is based upon an untrue statement or alleged untrue statement or omission or alleged omission made in the Preliminary Prospectus, the Registration Statement, any Issuer Free Writing Prospectus, the Prospectus or any other prospectus relating to the Bonds or any amendment or supplement thereto in reliance upon and in conformity with written information furnished to the Company by any Underwriter through the Representatives expressly for use therein.

(b) Each Underwriter, severally and not jointly, will indemnify and hold harmless the Company against any losses, claims, damages or liabilities to which the Company may become subject, under the Act or otherwise, insofar as such losses, claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon an untrue statement or alleged untrue statement of a material fact contained in the Preliminary Prospectus, the Registration Statement, any Issuer Free Writing Prospectus, the Prospectus or any other prospectus relating to the Bonds, or any amendment or supplement thereto, or arise out of or are based upon the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, in each case to the extent, but only to the extent, that such untrue statement or alleged untrue statement or omission or alleged omission was made in the Preliminary Prospectus, the Registration Statement, any Issuer Free Writing Prospectus, the Prospectus or any other prospectus relating to the Bonds or any such amendment or supplement thereto in reliance upon and in conformity with written information furnished to the Company by such Underwriter through the Representatives expressly for use therein, it being understood and agreed that the only such information consists of the following: the information in the third paragraph of text under the caption "Underwriting (Conflicts of Interest)" in the Preliminary Prospectus and the Prospectus concerning the terms of the offering by the Underwriters; and the information in the third sentence of the fourth paragraph of text, and the fifth, sixth, seventh and eighth paragraphs of text (solely with respect to the statements attributable to the Underwriters) under the caption "Underwriting (Conflicts of Interest)" in the Preliminary Prospectus

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and the Prospectus, insofar as such information relates to market making, stabilization, penalty bids, overallotment, short positions and purchases to cover short positions by the Underwriters; and will reimburse the Company for any legal or other expenses reasonably incurred by the Company in connection with investigating or defending any such action or claim as such expenses are incurred.

(c) Promptly after receipt by an indemnified party under subsection (a) or (b) above of notice of the commencement of any action, such indemnified party shall, if a claim in respect thereof is to be made against the indemnifying party under such subsection, notify the indemnifying party in writing of the commencement thereof; but the omission so to notify the indemnifying party shall not relieve it from any liability which it may have to any indemnified party under such subsection to the extent it is not materially prejudiced as a result thereof and in any event shall not relieve it from any liability otherwise than under such subsection. In case any such action shall be brought against any indemnified party and it shall notify the indemnifying party of the commencement thereof, the indemnifying party shall be entitled to participate therein and, to the extent that it shall wish, jointly with any other indemnifying party similarly notified, to assume the defense thereof, with counsel satisfactory to such indemnified party (who shall not, except with the consent of the indemnified party, be counsel to the indemnifying party), and, after notice from the indemnifying party to such indemnified party of its election so to assume the defense thereof, the indemnifying party shall not be liable to such indemnified party under such subsection for any legal expenses of other counsel or any other expenses, in each case subsequently incurred by such indemnified party, in connection with the defense thereof other than reasonable costs of investigation; provided, however, that the Representatives shall have the right to employ counsel to represent jointly the Underwriters and their respective directors, officers, employees, agents and controlling persons who may be subject to liability arising out of any claim in respect of which indemnity may be sought by the Underwriters against the Company under this Section 8, if the Representatives shall have reasonably concluded that there may be one or more legal defenses available to the Underwriters and their respective directors, officers, employees, agents and controlling persons that are different from or additional to those available to the Company and its officers, directors, employees and controlling persons, and the fees and expenses of a single separate counsel for the Underwriters and their respective directors, officers, employees, agents and controlling persons (in addition to local counsel) shall be paid by the Company. The indemnifying party shall not be liable for any settlement or compromise of, or the consent to the entry of any judgment with respect to, any pending or threatened action or claim in respect of which indemnification may be sought hereunder effected without the prior written consent of the indemnifying party (which consent shall not be unreasonably withheld), but, if settled or compromised with the indemnifying party's consent, or if judgment shall be entered following consent to the entry of such judgment given with the indemnifying party's consent, or if there shall otherwise be a final judgment for the plaintiff, the indemnifying party agrees to indemnify and hold harmless each indemnified party against any and all losses, claims, damages, liabilities and expenses, joint or several, by reason of such settlement, compromise or judgment, as the case may be. No indemnifying party shall, without the written consent of the indemnified party (which consent shall not be unreasonably withheld), effect the settlement or compromise of, or consent to the entry of

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any judgment with respect to, any pending or threatened action or claim in respect of which indemnification or contribution may be sought hereunder (whether or not the indemnified party is an actual or potential party to such action or claim) unless such settlement, compromise or judgment (i) includes an unconditional release of the indemnified party from all liability arising out of such action or claim and (ii) does not include a statement as to or an admission of fault, culpability or a failure to act by or on behalf of any indemnified party.

(d) If the indemnification provided for in this Section 8 is unavailable to or insufficient to hold harmless an indemnified party under subsection (a) or (b) above in respect of any losses, claims, damages or liabilities (or actions in respect thereof) referred to therein, then each indemnifying party shall contribute to the amount paid or payable by such indemnified party as a result of such losses, claims, damages or liabilities (or actions in respect thereof) in such proportion as is appropriate to reflect the relative benefits received by the Company on the one hand and the Underwriters on the other from the offering of the Bonds contemplated by this Agreement. If, however, the allocation provided by the immediately preceding sentence is not permitted by applicable law or if the indemnified party failed to give the notice required under subsection (c) above, then in each case each indemnifying party shall contribute to such amount paid or payable by such indemnified party in such proportion as is appropriate to reflect not only such relative benefits but also the relative fault of the Company on the one hand and the Underwriters on the other in connection with the statements or omissions which resulted in such losses, claims, damages or liabilities (or actions in respect thereof), as well as any other relevant equitable considerations. The relative benefits received by the Company on the one hand and the Underwriters on the other shall be deemed to be in the same proportion as the total net proceeds from the offering of the Bonds contemplated by this Agreement (before deducting expenses) received by the Company bear to the total underwriting discounts and commissions received by the Underwriters. The relative fault shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or the omission or alleged omission to state a material fact relates to information supplied by the Company on the one hand or the Underwriters on the other and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such statement or omission. The Company and the Underwriters agree that it would not be just and equitable if contribution pursuant to this subsection (d) were determined by pro rata allocation (even if the Underwriters were treated as one entity for such purpose) or by any other method of allocation which does not take account of the equitable considerations referred to above in this subsection (d). The amount paid or payable by an indemnified party as a result of the losses, claims, damages or liabilities (or actions in respect thereof) referred to above in this subsection (d) shall be deemed to include any legal or other expenses reasonably incurred by such indemnified party in connection with investigating or defending any such action or claim. Notwithstanding the provisions of this subsection (d), no Underwriter shall be required to contribute any amount in excess of the amount by which the total price at which the Bonds underwritten by it and distributed to the public were offered to the public exceeds the amount of any damages which such Underwriter has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission. No person guilty of fraudulent misrepresentation (within the meaning

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of Section 11(f) of the Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. The obligations of the Underwriters in this subsection (d) to contribute are several in proportion to their respective underwriting obligations with respect to the Bonds and not joint.

(e) The obligations of the Company under this Section 8 shall be in addition to any liability which the Company may otherwise have and shall extend, upon the same terms and conditions, to each director, officer, employee and agent of any Underwriter and each person, if any, who controls any Underwriter within the meaning of the Act; and the obligations of the Underwriters under this Section 8 shall be in addition to any liability which the respective Underwriters may otherwise have and shall extend, upon the same terms and conditions, to each officer, director and employee of the Company and to each person, if any, who controls the Company within the meaning of the Act.

9. (a) If any Underwriter shall default in its obligation to purchase the Bonds which it has agreed to purchase under this Agreement, the Representatives may in their discretion arrange for themselves or another party or other parties to purchase such Bonds on the terms contained herein. If within thirty-six hours after such default by any Underwriter the Representatives do not arrange for the purchase of such Bonds, then the Company shall be entitled to a further period of thirty-six hours within which to procure another party or other parties reasonably satisfactory to the Representatives to purchase such Bonds on such terms. In the event that, within the respective prescribed period, the Representatives notify the Company that they have so arranged for the purchase of such Bonds, or the Company notifies the Representatives that it has so arranged for the purchase of such Bonds, the Representatives or the Company shall have the right to postpone the Time of Delivery for a period of not more than seven days, in order to effect whatever changes may thereby be made necessary in the Registration Statement or the Prospectus, as amended or supplemented, or in any other documents or arrangements, and the Company agrees to file promptly any amendments or supplements to the Registration Statement or the Prospectus which in the opinion of the Representatives may thereby be made necessary. The term "**Underwriter**" as used in this Agreement shall include any person substituted under this Section with like effect as if such person had originally been a party to this Agreement.

(b) If, after giving effect to any arrangements for the purchase of the Bonds of a defaulting Underwriter or Underwriters by the Representatives and the Company as provided in subsection (a) above, the aggregate principal amount of the Bonds which remains unpurchased does not exceed one-eleventh of the aggregate principal amount of the Bonds, then the Company shall have the right to require each non-defaulting Underwriter to purchase the principal amount of Bonds which such Underwriter agreed to purchase under this Agreement and, in addition, to require each non-defaulting Underwriter to purchase its pro rata share (based on the principal amount of Bonds which such Underwriter agreed to purchase under this Agreement) of the Bonds of such defaulting Underwriter or Underwriters for which such arrangements have not been made; but nothing herein shall relieve a defaulting Underwriter from liability for its default.



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(c) If, after giving effect to any arrangements for the purchase of the Bonds of a defaulting Underwriter or Underwriters by the Representatives and the Company as provided in subsection (a) above, the aggregate principal amount of Bonds which remains unpurchased exceeds one-eleventh of the aggregate principal amount of the Bonds, as referred to in subsection (b) above, or if the Company shall not exercise the right described in subsection (b) above to require non-defaulting Underwriters to purchase Bonds of a defaulting Underwriter or Underwriters, then this Agreement shall thereupon terminate, without liability on the part of any non-defaulting Underwriter or the Company, except for the expenses to be borne by the Company and the Underwriters as provided in Section 6 hereof and the indemnity and contribution agreements in Section 8 hereof; but nothing herein shall relieve a defaulting Underwriter from liability for its default.

10. The respective indemnities, agreements, representations, warranties and other statements of the Company and the several Underwriters, as set forth in this Agreement or made by or on behalf of them, respectively, pursuant to this Agreement, shall remain in full force and effect, regardless of any investigation (or any statement as to the results thereof) made by or on behalf of any Underwriter or any controlling person of any Underwriter, or the Company or any officer or director or controlling person of the Company, and shall survive delivery of and payment for the Bonds.

11. If this Agreement shall be terminated pursuant to Section 9 hereof, the Company shall not then be under any liability to any Underwriter with respect to the Bonds except as provided in Sections 6 and 8 hereof; but, if for any other reason Bonds are not delivered by or on behalf of the Company as provided herein, the Company will reimburse the Underwriters through the Representatives for all out-of-pocket expenses approved in writing by the Representatives, including fees and disbursements of counsel, reasonably incurred by the Underwriters in making preparations for the purchase, sale and delivery of the Bonds, but the Company shall then be under no further liability to any Underwriter with respect to the Bonds except as provided in Sections 6 and 8 hereof.

12. In all dealings hereunder, the Representatives of the Underwriters shall act on behalf of each of such Underwriters, and the parties hereto shall be entitled to act and rely upon any statement, request, notice or agreement on behalf of any Underwriter made or given by such Representatives jointly or by such of the Representatives, if any, as may be designated for such purpose in this Agreement.

All statements, requests, notices and agreements hereunder shall be in writing, and if to the Underwriters shall be delivered or sent by mail, overnight courier or facsimile transmission to BNP Paribas Securities Corp., 787 Seventh Avenue, New York, New York 10019, Attention: Syndicate Desk—7th Floor, facsimile: (917) 472-4745; Citigroup Global Markets Inc., 388 Greenwich Street, New York, New York 10013, Attention: General Counsel, facsimile: (646) 291-1469; Deutsche Bank Securities Inc., 60 Wall Street, 2nd Floor, New York, New York 10005, Attention: Debt Capital Markets, facsimile: (212) 797-2202, with a copy to General Counsel, facsimile: (646) 374-1071; and Mizuho Securities USA LLC, 320 Park Avenue, 12th Floor, New York, New York 10022, Attention: Debt Capital Markets, facsimile: (212) 205-7812; and if to the Company shall be delivered or sent by mail, overnight courier or facsimile

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transmission to the address of the Company set forth on the cover page of the Registration Statement, Attention: Secretary, with a copy to the General Counsel; provided, however, that any notice to an Underwriter pursuant to Section 8(c) hereof shall be delivered or sent by mail, overnight courier or facsimile transmission to such Underwriter at its address set forth in its Underwriters' Questionnaire, or email or facsimile transmission constituting such Questionnaire, which address will be supplied to the Company by the Representatives upon request. Any such statements, requests, notices or agreements shall take effect upon receipt thereof.

In accordance with the requirements of the USA Patriot Act (Title III of Pub. L. 107-56 (signed into law October 26, 2001)), the Underwriters are required to obtain, verify and record information that identifies their respective clients, including the Company, which information may include the name and address of their respective clients, as well as other information that will allow the Underwriters to properly identify their respective clients.

13. This Agreement shall be binding upon, and inure solely to the benefit of, the Underwriters, the Company and, to the extent provided in Sections 8 and 10 hereof, the directors, officers, employees and agents of each Underwriter, the officers, directors and employees of the Company and each person who controls the Company or any Underwriter, and their respective heirs, executors, administrators, successors and assigns, and no other person shall acquire or have any right under or by virtue of this Agreement. No purchaser of any of the Bonds from any Underwriter shall be deemed a successor or assign by reason merely of such purchase.

14. The Company acknowledges and agrees that the Underwriters are acting solely in the capacity of an arm's length contractual counterparty to the Company with respect to the offering of the Bonds contemplated hereby (including in connection with determining the terms of the offering) and not as a financial advisor or a fiduciary to, or an agent of, the Company or any other person. The Company agrees that it will not claim that the Underwriters have rendered advisory services of any nature or respect, or owe an agency, fiduciary or similar duty to the Company, in connection with the transactions contemplated hereby or the process leading thereto. Additionally, neither the Representatives nor any other Underwriter is advising the Company or any other person as to any legal, tax, investment, accounting or regulatory matters in any jurisdiction. The Company shall consult with its own advisors concerning such matters and shall be responsible for making its own independent investigation and appraisal of the transactions contemplated hereby, and the Underwriters shall have no responsibility or liability to the Company with respect thereto. Any review by the Underwriters of the Company, the transactions contemplated hereby or other matters relating to such transactions will be performed solely for the benefit of the Underwriters and shall not be on behalf of the Company.

15. (a) In the event that any Underwriter that is a Covered Entity becomes subject to a proceeding under a U.S. Special Resolution Regime, the transfer from such Underwriter of this Agreement, and any interest and obligation in or under this Agreement, will be effective to the same extent as the transfer would be effective under the U.S. Special Resolution Regime if this Agreement, and any such interest and obligation, were governed by the laws of the United States or a state of the United States.

(b) In the event that any Underwriter that is a Covered Entity or a BHC Act Affiliate of such Underwriter becomes subject to a proceeding under a U.S. Special Resolution Regime,

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Default Rights under this Agreement that may be exercised against such Underwriter are permitted to be exercised to no greater extent than such Default Rights could be exercised under the U.S. Special Resolution Regime if this Agreement were governed by the laws of the United States or a state of the United States.

For the purposes of this Section 15, a “BHC Act Affiliate” has the meaning assigned to the term “affiliate” in, and shall be interpreted in accordance with, 12 U.S.C. § 1841(k). “Covered Entity” means any of the following: (i) a “covered entity” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 252.82(b); (ii) a “covered bank” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 47.3(b); or (iii) a “covered FSI” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 382.2(b). “Default Right” has the meaning assigned to that term in, and shall be interpreted in accordance with, 12 C.F.R. §§ 252.81, 47.2 or 382.1, as applicable. “U.S. Special Resolution Regime” means each of (i) the Federal Deposit Insurance Act and the regulations promulgated thereunder and (ii) Title II of the Dodd-Frank Wall Street Reform and Consumer Protection Act and the regulations promulgated thereunder.

16. Time shall be of the essence of this Agreement. As used herein, “**business day**” shall mean, unless otherwise expressly stated, any day when the Commission’s office in Washington, D.C. is open for business.

17. This Agreement shall be governed by and construed in accordance with the laws of the State of New York.

18. This Agreement may be executed by any one or more of the parties hereto in any number of counterparts, each of which shall be deemed to be an original, but all such respective counterparts shall together constitute one and the same instrument.

(Signature Page Follows)

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If the foregoing is in accordance with your understanding, please sign and return to us one for the Company and for each of the Representatives plus one for each counsel counterparts hereof.

Very truly yours,

San Diego Gas & Electric Company

By: /s/ Bruce A. Folkmann

Name: Bruce A. Folkmann

Title: Vice President, Controller, Chief  
Financial Officer, Chief Accounting Officer and  
Treasurer

*Signature Page to Underwriting Agreement*

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Accepted as of the date hereof:

BNP Paribas Securities Corp.

By: /s/ Pasquale A. Perraglia IV  
Name: Pasquale A. Perraglia IV  
Title: Director

Citigroup Global Markets Inc.

By: /s/ Adam Bordner  
Name: Adam D. Bordner  
Title: Director

Deutsche Bank Securities Inc.

By: /s/ Ben Smilchensky  
Name: Ben Smilchensky  
Title: Managing Director

By: /s/ Thomas Short  
Name: Thomas Short  
Title: Director / Debt Syndicate

Mizuho Securities USA LLC

By: /s/ Okwudiri Onyedum  
Name: Okwudiri Onyedum  
Title: Managing Director

On behalf of each of the Underwriters

*Signature Page to Underwriting Agreement*

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SCHEDULE I

Underwriter	Principal Amount of Bonds to be Purchased
BNP Paribas Securities Corp.	\$ 83,000,000
Citigroup Global Markets Inc.	83,000,000
Deutsche Bank Securities Inc.	83,000,000
Mizuho Securities USA LLC	83,000,000
CastleOak Securities, L.P.	40,000,000
MFR Securities, Inc.	14,000,000
Penserra Securities LLC	14,000,000
Total	\$ 400,000,000

Schedule I-1

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SCHEDULE II

Free Writing Prospectus dated May 28, 2019

Schedule II-1

SCHEDULE III

Free Writing Prospectus  
Filed Pursuant to Rule 433  
Registration Statement No. 333-222650

**San Diego Gas & Electric Company**

Final Term Sheet  
May 28, 2019

4.100% First Mortgage Bonds, Series TTT, due 2049

This free writing prospectus relates only to the securities described below and should be read together with San Diego Gas & Electric Company's preliminary prospectus supplement dated May 28, 2019 (the "Preliminary Prospectus Supplement"), the accompanying prospectus dated February 1, 2018 and the documents incorporated and deemed to be incorporated by reference therein.

Issuer:	San Diego Gas & Electric Company (the "Company")
Trade Date:	May 28, 2019
Settlement Date:	May 31, 2019 (T+3)
Securities Offered:	4.100% First Mortgage Bonds, Series TTT, due 2049 (the "Bonds")
Aggregate Principal Amount Offered:	\$400,000,000
Interest Payment Dates:	June 15 and December 15, commencing December 15, 2019
Coupon:	4.100% per annum, accruing from May 31, 2019
Maturity:	June 15, 2049
Yield to Maturity:	4.106%
Spread to Benchmark Treasury:	+140 basis points
Benchmark Treasury:	3.000% due February 15, 2049
Benchmark Treasury Yield:	2.706%
Optional Redemption Provision:	Prior to December 15, 2048 (the "Par Call Date"), make-whole call at Adjusted Treasury Rate (as defined in the Preliminary Prospectus Supplement) +25 basis points. On and after the Par Call Date, 100% of the principal amount. See the Preliminary Prospectus Supplement for the definition of "Adjusted Treasury Rate" and for further terms and provisions applicable to optional redemption. The Bonds are also subject to redemption under the limited

Schedule III-1



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	circumstances described in the Preliminary Prospectus Supplement under the caption “Supplemental Description of First Mortgage Bonds-Optional Redemption-Sale, Eminent Domain, Etc.”
Price to Public:	99.895%, plus accrued interest, if any
CUSIP:	797440 BX1
ISIN:	US797440BX17
Total Net Proceeds:	Approximately \$396.1 million, after deducting the underwriting discount but before deducting estimated offering expenses payable by the Company.
Joint Book-Running Managers:	BNP Paribas Securities Corp. Citigroup Global Markets Inc. Deutsche Bank Securities Inc. Mizuho Securities USA LLC CastleOak Securities, L.P.
Co-Managers:	MFR Securities, Inc. Penserra Securities LLC

**The issuer has filed a registration statement (including a prospectus) with the SEC for the offering to which this communication relates. Before you invest, you should read the prospectus in that registration statement and other documents the issuer has filed with the SEC for more complete information about the issuer and this offering. You may get these documents for free by visiting EDGAR on the SEC website at [www.sec.gov](http://www.sec.gov). Alternatively, the issuer, any underwriter or any dealer participating in the offering will arrange to send you the prospectus if you request it by calling BNP Paribas Securities Corp. toll-free at (800) 854-5674, by calling Citigroup Global Markets Inc. toll-free at (800) 831-9146, by calling Deutsche Bank Securities Inc. toll-free at (800) 503-4611 or by calling Mizuho Securities USA LLC toll-free at (866) 271-7403.**

**Any legends, disclaimers or other notices that may appear below are not applicable to this communication and should be disregarded. Such legends, disclaimers or other notices have been automatically generated as a result of this communication having been sent via Bloomberg or another system.**

RECORDING REQUESTED BY  
AND WHEN RECORDED MAIL TO:  
U.S. BANK NATIONAL ASSOCIATION  
633 W. FIFTH STREET, 24th FLOOR  
LOS ANGELES, CA 90071  
ATTN: GLOBAL CORPORATE TRUST

**Index as a UCC Filing and an Indenture  
This is a Security Agreement and a Mortgage of Chattels  
as well as a Mortgage of Real Estate and Other Property**

**SIXTY-EIGHTH SUPPLEMENTAL INDENTURE**

**FROM**

**SAN DIEGO GAS & ELECTRIC COMPANY**

**TO**

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

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Dated as of May 31, 2019

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**THIS SIXTY-EIGHTH SUPPLEMENTAL INDENTURE IS A SECURITY  
AGREEMENT AND A MORTGAGE OF CHATTELS AS WELL AS  
A MORTGAGE OF REAL ESTATE AND OTHER PROPERTY**

THIS SIXTY-EIGHTH SUPPLEMENTAL INDENTURE, dated as of May 31, 2019, by and between SAN DIEGO GAS & ELECTRIC COMPANY, a corporation duly organized and existing under and by virtue of the laws of the State of California, having its principal office in that State in the City of San Diego (the "Company"), and U.S. BANK NATIONAL ASSOCIATION, a banking association duly organized under an act known as the "National Bank Act," of the United States of America, having a corporate trust office in the City of Los Angeles, State of California, as Trustee (the "Trustee").

WHEREAS, the Company executed and delivered a Mortgage and Deed of Trust (the "Original Indenture"), dated July 1, 1940, to The Bank of California, National Association, as predecessor trustee to Bankers Trust Company of California, National Association, as predecessor trustee to First Trust of California, National Association, (subsequently renamed U.S. Bank Trust National Association) as predecessor trustee to the Trustee, to secure payment of the principal of and the interest on all bonds of the Company at any time outstanding thereunder according to their tenor and effect, and to provide the terms and provisions with respect to its First Mortgage Bonds, 3 3/8% Series due July 1, 1970, issued in the aggregate principal amount of \$16,000,000 and heretofore retired; and

WHEREAS, the Company executed and delivered to the then current trustee, a First Supplemental Indenture dated as of December 1, 1946, a Second Supplemental Indenture dated as of March 1, 1948, a Third Supplemental Indenture dated as of April 1, 1952, a Fourth Supplemental Indenture dated as of April 1, 1954, a Fifth Supplemental Indenture dated as of October 1, 1955, a Sixth Supplemental Indenture dated as of October 1, 1957, a Seventh Supplemental Indenture dated as of October 1, 1960, an Eighth Supplemental Indenture dated as of March 1, 1967, a Tenth Supplemental Indenture dated as of December 1, 1968, an Eleventh Supplemental Indenture dated as of February 1, 1970, a Twelfth Supplemental Indenture dated as of September 1, 1971, a Thirteenth Supplemental Indenture dated as of January 15, 1974, a Fourteenth Supplemental Indenture dated as of December 15, 1974, a Fifteenth Supplemental Indenture dated as of May 1, 1975, a Seventeenth Supplemental Indenture dated as of July 15, 1976, an Eighteenth Supplemental Indenture dated as of March 15, 1977, a Nineteenth Supplemental Indenture dated as of May 1, 1978, a Twentieth Supplemental Indenture dated as of March 15, 1980, a Twenty-First Supplemental Indenture dated as of August 1, 1980, a Twenty-Second Supplemental Indenture dated as of July 15, 1981, a Twenty-Third Supplemental Indenture dated as of January 15, 1982, a Twenty-Fourth Supplemental Indenture dated as of August 16, 1982, a Twenty-Fifth Supplemental Indenture dated as of August 16, 1982, a Twenty-Sixth Supplemental Indenture dated as of August 16, 1982, a Twenty-Seventh Supplemental Indenture dated as of June 1, 1983, a Twenty-Eighth Supplemental Indenture dated as of July 15, 1983, a Twenty-Ninth Supplemental Indenture dated as of September 1, 1983, a Thirty-First Supplemental Indenture dated as of May 1, 1984, a Thirty-Second Supplemental Indenture dated as of December 1, 1984, a Thirty-Third Supplemental Indenture dated as of September 1, 1985, a Thirty-Fourth Supplemental Indenture dated as of December 1, 1985, a Thirty-Fifth Supplemental Indenture dated as of July 1, 1986, a Thirty-Sixth Supplemental Indenture dated as of December 1, 1986, a Thirty-Seventh Supplemental Indenture dated as of September 1, 1987, a Thirty-Eighth Supplemental Indenture dated as of April 15, 1990, a Thirty-Ninth Supplemental Indenture dated as of December 1, 1991, a Fortieth Supplemental Indenture dated as of April 1, 1992, a Forty-First Supplemental Indenture dated as of June 15, 1992, a Forty-Second Supplemental Indenture dated as of September 1, 1992, a Forty-Third Supplemental Indenture dated as of December 1, 1992, a Forty-Fourth Supplemental Indenture dated as of April 1, 1993, a Forty-Fifth Supplemental Indenture dated as of June 1, 1993, a Forty-Sixth Supplemental Indenture dated as of July 1, 1993, a Forty-Seventh Supplemental Indenture dated as of June 1, 1995, a Forty-Eighth Supplemental Indenture dated as of June 1, 1995, a Forty-Ninth Supplemental Indenture dated as of June 1, 2004, a Fiftieth Supplemental Indenture dated as of May 19, 2005, a Fifty-First Supplemental Indenture dated as of November 17, 2005, a Fifty-Second Supplemental Indenture dated as of June 8, 2006, a Fifty-Third Supplemental Indenture dated as of September 1, 2006, a Fifty-Fourth Supplemental Indenture dated as of September 20, 2007, a Fifty-Fifth Supplemental Indenture dated as of May 14, 2009, a Fifty-Sixth Supplemental Indenture dated as of May 13, 2010, a Fifty-Seventh Supplemental Indenture dated as of August 26, 2010, a Fifty-Eighth Supplemental Indenture dated as of August 18, 2011, a Fifty-Ninth Supplemental Indenture dated as of October 6, 2011, a Sixtieth Supplemental Indenture dated as of November 17, 2011, a Sixty-First Supplemental Indenture dated as of March 22, 2012, a Sixty-Second Supplemental Indenture dated as of September 9, 2013, a Sixty-Third Supplemental Indenture dated as of

March 12, 2015, a Sixty-Fourth Supplemental Indenture dated as of March 12, 2015, a Sixty-Fifth Supplemental Indenture dated May 19, 2016, a Sixty-Sixth Supplemental Indenture dated as of June 8, 2017 and a Sixty-Seventh Supplemental Indenture dated as of May 17, 2018, whereby, among other things, the Company set forth certain of the particulars of the Bonds of series designated “First Mortgage Bonds, 2 3/4% Series due December 1, 1981” issued in the aggregate principal amount of \$2,800,000, “First Mortgage Bonds, Series C due 1978” issued in the aggregate principal amount of \$10,000,000, “First Mortgage Bonds, Series D due 1982” issued in the aggregate principal amount of \$12,000,000, “First Mortgage Bonds, Series E due 1984” issued in the aggregate principal amount of \$17,000,000, “First Mortgage Bonds, Series F due 1985” issued in the aggregate principal amount of \$18,000,000, “First Mortgage Bonds, Series G due 1987” issued in the aggregate principal amount of \$12,000,000, “First Mortgage Bonds, Series H due 1990” issued in the aggregate principal amount of \$30,000,000, “First Mortgage Bonds, Series I due 1997” issued in the aggregate principal amount of \$25,000,000, “First Mortgage Bonds, Series J due 1998” issued in the aggregate principal amount of \$35,000,000, “First Mortgage Bonds, Series K due 2000” issued in the aggregate principal amount of \$40,000,000, “First Mortgage Boards, Series L due 2001” issued in the aggregate principal amount of \$45,000,000, “First Mortgage Bonds, Series M due 2004” issued in the aggregate principal amount of \$75,000,000, “First Mortgage Bonds, Series N due 1979” issued in the aggregate principal amount of \$50,000,000, “First Mortgage Bonds, Series O due 1982” issued in the aggregate principal amount of \$40,000,000, “First Mortgage Bonds, Series P due 2006” issued in the aggregate principal amount of \$45,000,000, “First Mortgage Bonds, Series Q due 2007” issued in the aggregate principal amount of \$50,000,000, “First Mortgage Bonds, Series R due 2008” issued in the aggregate principal amount of \$50,000,000, “First Mortgage Bonds, Series S due 2010” issued in the aggregate principal amount of \$50,000,000, “First Mortgage Bonds, Series T due 2010” issued in the aggregate principal amount of \$75,000,000, “First Mortgage Bonds, Series U-1 due 1984, and U-2 due 1994” issued in the aggregate principal amount of \$6,567,000 for Series U-1 and \$13,268,000 for Series U-2, “First Mortgage Bonds, Series V due 2011” issued in the aggregate amount of \$50,000,000, “First Mortgage Bonds, Series W due 1988” issued in the aggregate principal amount of \$40,000,000, “First Mortgage Bonds, Series X due 1987” issued in the aggregate principal amount of \$20,000,000, “First Mortgage Bonds, Series Y due 1987” issued in the aggregate principal amount of \$15,000,000, “First Mortgage Bonds, Series Z, due 2013” issued in the aggregate principal amount of \$65,000,000, “First Mortgage Bonds, Series AA, due 2018” issued in the aggregate principal amount of \$150,000,000, “First Mortgage Bonds, Series BB, due 2018” issued in the aggregate principal amount of \$150,000,000, “First Mortgage Bonds, Series CC, due 2008” issued in the aggregate principal amount of \$53,000,000, “First Mortgage Bonds Series DD, due 2008” issued in the aggregate principal amount of \$27,000,000, “First Mortgage Bonds, Series EE, due 2015” issued in the aggregate principal amount of \$100,000,000, “First Mortgage Bonds, Series FF, due 2007” issued in the aggregate principal amount of \$35,000,000, “First Mortgage Bonds, Series GG, due 2021” issued in the aggregate principal amount of \$44,250,000, “First Mortgage Bonds, Series HH, due 2021” issued in the aggregate principal amount of \$81,350,000, “First Mortgage Bonds, Series II due 2023” issued in the aggregate principal amount of \$25,000,000, “First Mortgage Bonds, Series JJ, due 2015” issued in the aggregate principal amount of \$100,000,000, “First Mortgage Bonds, Series KK, due 2015” issued in the aggregate principal amount of \$14,400,000, “First Mortgage Bonds, Series LL, due 2022” issued in the aggregate principal amount of \$60,000,000, “First Mortgage Bonds, Series MM due 2002” issued in the aggregate principal amount of \$80,000,000, “First Mortgage Bonds, Series NN” issued in the aggregate principal amount of \$118,615,000, “First Mortgage Bonds, Series OO due 2027” issued in the aggregate principal amount of \$250,000,000, “First Mortgage Bonds, Series PP, due 2018” issued in the aggregate principal amount of \$70,795,000, “First Mortgage Bonds, Series QQ, due 2018” issued in the aggregate principal amount of \$14,915,000, “First Mortgage Bonds, Series RR, due 2021” issued in the aggregate principal amount of \$60,000,000, “First Mortgage Bonds, Series SS, due 2018” issued in the aggregate principal amount of \$92,945,000, “First Mortgage Bonds, Series TT due 2020” issued in the aggregate principal amount of \$57,650,000, “First Mortgage Bonds, Series UU due 2020” issued in the aggregate principal amount of \$16,700,000, “First Mortgage Bonds, Series VV due 2034” issued in the aggregate principal amount of \$43,615,000, “First Mortgage Bonds, Series WW due 2034” issued in the aggregate principal amount of \$40,000,000, “First Mortgage Bonds, Series XX due 2034” issued in the aggregate principal amount of \$35,000,000, “First Mortgage Bonds, Series YY due 2034” issued in the aggregate principal amount of \$24,000,000, “First Mortgage Bonds, Series ZZ due 2034” issued in the aggregate principal amount of \$33,650,000, “First Mortgage Bonds, Series AAA due 2039” issued in the aggregate principal amount of \$75,000,000, “First Mortgage Bonds, Series BBB due 2035” issued in the aggregate principal amount of \$250,000,000, “First Mortgage Bonds, Series CCC due 2015” issued in the aggregate principal amount of \$250,000,000, “First Mortgage Bonds, Series DDD due 2026” issued in the aggregate principal amount of \$250,000,000, “First Mortgage Bonds, Series EEE due 2018” issued in the aggregate principal amount of \$161,240,000, “First Mortgage Bonds, Series FFF due 2037” issued in the aggregate principal amount of

\$250,000,000, "First Mortgage Bonds, Series GGG due 2039" issued in the aggregate principal amount of \$300,000,000, "First Mortgage Bonds, Series HHH due 2040" issued in the aggregate principal amount of \$250,000,000, "First Mortgage Bonds, Series III due 2040" issued in the aggregate principal amount of \$500,000,000, "First Mortgage Bonds, Series JJJ due 2021" issued in the aggregate principal amount of \$350,000,000, "First Mortgage Bonds, Series LLL due 2041" issued in the aggregate principal amount of \$250,000,000, "First Mortgage Bonds, Series MMM due 2042" issued in the aggregate principal amount of \$250,000,000, "First Mortgage Bonds, Series NNN due 2023" issued in the aggregate principal amount of \$450,000,000, "Floating Rate First Mortgage Bonds, Series OOO due 2017" issued in the aggregate principal amount of \$140,000,000, "Amortizing First Mortgage Bonds, Series PPP due 2022" issued in the aggregate principal amount of \$250,000,000, "First Mortgage Bonds, Series QQQ due 2026" issued in the aggregate principal amount of \$500,000,000, "First Mortgage Bonds, Series RRR due 2047" issued in the aggregate principal amount of \$400,000,000 and "First Mortgage Bonds, Series SSS due 2048" issued in the aggregate principal amount of \$400,000,000, respectively, all of which First Mortgage Bonds have heretofore been retired or redeemed, except the Series VV due 2034, the Series WW due 2034, the Series XX due 2034, the Series YY due 2034, the Series ZZ due 2034, the Series AAA due 2039, the Series BBB due 2035, the Series DDD due 2026, the Series FFF due 2037, the Series GGG due 2039, the Series HHH due 2040, the Series III due 2040, the Series JJJ due 2021, the Series LLL due 2041, the Series MMM due 2042, the Series NNN due 2023, the Series PPP due 2022, the Series QQQ due 2026, the Series RRR due 2047 and the Series SSS due 2048, which are presently issued and outstanding; and

WHEREAS, certain of the provisions of the Original Indenture have been amended by the aforesaid Second and Tenth Supplemental Indentures, a Ninth Supplemental Indenture dated as of August 1, 1968 and a Sixteenth Supplemental Indenture dated August 28, 1975; and

WHEREAS, the Original Indenture and each of said Supplemental Indentures have been recorded in the Official Records of the Recorders of the Counties of San Diego, Orange, Riverside, and Imperial in the State of California, the Counties of Yuma and Maricopa in the State of Arizona and the County of Clark in the State of Nevada, as follows:

Document	Official Records	Counties of			
		San Diego	Orange	Riverside	Imperial
Original Indenture	Book	1087	1062	1765	1369
	Page	1	300	364	232
	Date	Oct. 10, 1940	Oct. 10, 1940	July 13, 1955	Nov. 22, 1974
First Supplemental Indenture	Book	2321	1506	1765	1369
	Page	48	472	499	332
	Date	Jan. 2, 1947	Jan. 9, 1947	July 13, 1955	Nov. 22, 1974
Second Supplemental Indenture	Book	2537	1616	1765	1369
	Page	363	190	448	343
	Date	Mar. 16, 1948	Mar. 15, 1948	July 13, 1955	Nov. 22, 1974
Third Supplemental Indenture	Book	4424	2311	1765	1369
	Page	535	116	475	370
	Date	Apr. 3, 1952	Apr. 3, 1952	July 13, 1955	Nov. 22, 1974
Fourth Supplemental Indenture	Book	5193	2701	1765	1369
	Page	217	153	336	409
	Date	Apr. 2, 1954	Apr. 2, 1954	July 13, 1955	Nov. 22, 1974
Fifth Supplemental Indenture	Book	5893	3304	1829	2369
	Page	291	205	3	456
	Date	Dec. 5, 1955	Dec. 5, 1955	Dec. 5, 1955	Nov. 22, 1974
Sixth Supplemental Indenture	Book	6829	4099	2175	1369
	Page	390	109	538	492
	Date	Nov. 12, 1957	Nov. 12, 1957	Nov. 12, 1957	Nov. 22, 1974

Counties of

Document	Official Records	Counties of			
		San Diego	Orange	Riverside	Imperial
Seventh Supplemental Indenture	Book Page Date	1960 Series 1 File No. 202061 Oct. 10, 1960	5455 385 Oct. 10, 1960	2780 3 Oct. 10, 1960	1369 541 Nov. 22, 1974
Eighth Supplemental Indenture	Book Page Date	1967 Series 8 File No. 33860 Mar. 13, 1967	8197 129 Mar. 13, 1967	Endorsement No. 20925 Mar. 13, 1967	1369 618 Nov. 22, 1974
Ninth Supplemental Indenture	Book Page Doc. No. Date	1968 Series 9  138926 Aug. 14, 1968	8691 69 9816 Aug. 14, 1968	  78781 Aug. 14, 1968	 1369 694 Nov. 22, 1974
Tenth Supplemental Indenture	Book Page Doc. No. Date	1968 Series 9  215131 Dec. 9, 1968	8810 375 Dec. 9, 1968	Endorsement No. 119982 Dec. 9, 1968	1369 706 Nov. 22, 1974
Eleventh Supplemental Indenture	Book Page Doc. No. Date	1970  27782 Feb. 16, 1970	9217 516 Feb. 16, 1970	Endorsement No. 14780 Feb. 16, 1970	1369 725 Nov. 22, 1974
Twelfth Supplemental Indenture	Book Page Date	File/Page No. 212688 Sept. 20, 1971	9810 539 Sept. 20, 1971	Endorsement No. 106508 Sept. 20, 1971	1369 744 Nov. 22, 1974
Thirteenth Supplemental Indenture	Book Page Date	File/Page No. 74-006878 Jan. 10, 1974	11055 1 Jan. 10, 1974	Endorsement No. 3853 Jan. 10, 1974	1369 763 Nov. 22, 1974
Fourteenth Supplemental Indenture	Book Page Date	File/Page No. 74-322156 Dec. 11, 1974	11303 458 Dec. 11, 1974	Endorsement No. 157219 Dec. 11, 1974	1369 1689 Dec. 11, 1974
Fifteenth Supplemental Indenture	Book Page Date	File/Page No. 75-108612 May 7, 1975	11395 1879 May 7, 1975	Instrument No. 52617 May 7, 1975	1374 809 May 7, 1975
Sixteenth Supplemental Indenture	Book Page Date	File/Page No. 75-235624 Sept. 2, 1975	11500 1620 Sept. 2, 1975	Instrument No. 107732 Sept. 3, 1975	1378 952 Sept. 2, 1975
Seventeenth Supplemental Indenture	Book Page Date	File/Page No. 76-224493 July 16, 1976	11815 640 July 16, 1976	Instrument No. 103484 July 16, 1976	1389 687 July 16, 1976
Eighteenth Supplemental Indenture	Book Page Date	File/Page No. 77-100483 Mar. 18, 1977	12110 58 Mar. 18, 1977	Instrument No. 45619 Mar. 18, 1977	1398 1675 Mar. 18, 1977
Nineteenth Supplemental Indenture	Book Page Date	File/Page No. 78-194210 May 12, 1978	12672 1803-1822 May 12, 1978	Instrument No. 94450 May 12, 1978	1415 1638 May 12, 1978
Twentieth Supplemental Indenture	Book Page Date	File/Page No. 80-082569 Mar. 11, 1980	13530 722 Mar. 11, 1980	Instrument No. 47195 Mar. 11, 1980	1448 1221 Mar. 11, 1980

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		San Diego	Orange	Riverside	Imperial
Twenty-First Supplemental Indenture	Book Page Date	File/Page No. 80-245100 Aug. 1, 1980	13687 349 Aug. 1, 1980	Instrument No. 139349 Aug. 1, 1980	1455 1660 Aug. 1, 1980
Twenty-Second Supplemental Indenture	Book Page Date	File/Page No. 81-22576 July 17, 1981	Instrument No. 24605 July 17, 1981	Instrument No. 135815 July 17, 1981	1472 508 July 17, 1981
Twenty-Third Supplemental Indenture	Book Page Date	File/Page No. 82-02387 Jan. 27, 1982	Instrument No. 82-031423 Jan. 27, 1982	Instrument No. 16093 Jan. 27, 1982	1479 1714 Jan. 27, 1982
Twenty-Fourth Supplemental Indenture	Book Page Date	File/Page No. 82-257258 Aug. 19, 1982	File/Page No. 82-291894 Aug. 19, 1982	File/Page No. 82/143370212 Aug. 19, 1982	1489  Aug. 19, 1982
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Twenty-Sixth Supplemental Indenture	Book Page Date	File/Page No. 82-257260 Aug. 19, 1982	File/Page No. 82-291896 Aug. 19, 1982	File/Page No. 82/143372260 Aug. 19, 1982	1489  Aug. 19, 1982
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Twenty-Eighth Supplemental Indenture	Book Page Date	File/Page No. 83-252396 July 22, 1983	File/Page No. 83-316224 July 22, 1983	File/Page No. 147671 July 22, 1983	1505 583 July 22, 1983
Twenty-Ninth Supplemental Indenture	Book Page Date	File/Page No. 83-339007 Sept. 22, 1983	File/Page No. 83-417956 Sept. 22, 1983	File/Page 194083 Sept. 22, 1983	1508 1425 Sept. 22, 1983

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WHEREAS, the Board of Directors of the Company has duly authorized the creation of an additional series of bonds to be designated "First Mortgage Bonds, Series TTT, due 2049," as hereinafter set forth in this Sixty-Eighth Supplemental Indenture; and

WHEREAS, the execution and delivery of this Sixty-Eighth Supplemental Indenture has been duly authorized by resolution of the Board of Directors of the Company; and

WHEREAS, all the conditions and requirements necessary to make this Sixty-Eighth Supplemental Indenture a valid, binding and legal instrument in accordance with its terms and for the purposes herein expressed have been performed and fulfilled and the execution and delivery hereof have been in all respects duly authorized.

NOW, THEREFORE, in order further to secure the payment of the principal of and premium, if any, and interest on all of the bonds of the Company at any time outstanding under the Original Indenture, as heretofore amended and supplemented, as amended and supplemented by this Sixty-Eighth Supplemental Indenture and as the same may from time to time be further amended and supplemented (the "Indenture") and to secure the performance and observance of each and every of the covenants, conditions and agreements of the Indenture, as from time to time amended and supplemented, and for and in consideration of the premises, and of the sum of One Dollar (\$1.00) to the Company duly paid by the Trustee (the receipt whereof is hereby acknowledged), the Company has executed and delivered this Sixty-Eighth Supplemental Indenture and has granted, bargained, sold, warranted, released, conveyed, assigned, transferred, mortgaged, pledged, hypothecated, granted a security interest in, set over and confirmed, and by these presents does grant, bargain, sell, warrant, release, convey, assign, transfer, mortgage, pledge, hypothecate, grant a security interest in, set over and confirm unto U.S. Bank National Association, as Trustee, and to its respective successors in said trust forever, with power of sale, all property, real, personal and mixed, now owned or hereafter acquired or to be acquired by the Company, and wheresoever situated (except such property as is expressly excepted or excluded from the lien and security interest of the Indenture, and property of a successor corporation or corporations excluded from the lien and security interest thereof by the provisions of Section 3 of Article XIV thereof) subject to the rights reserved by the Company in and by other provisions of the Indenture, including in the property subject and to be subject to the lien and security interest thereof and hereof (without in any manner limiting or impairing by the enumeration of the same the scope and intent of the foregoing or of any general description contained in the Original Indenture or in this or any other supplemental indenture) all lands, rights-of-way, other land rights, flowage and other water rights, power houses, dams, reservoirs, docks, roads, and buildings, structures and other land improvements; steam, and other electric generating plants, including buildings and other structures, turbines, generators, exciters, boilers and other boiler plant equipment, condensing equipment, and all auxiliary equipment; stations and substations; electric transmission and distribution systems, including structures, poles, towers, fixtures, conduits, insulators, wires, cables, transformers, services and meters; steam heating plants and systems, including mains and equipment; gas plants, transmission and distribution systems, including pipe lines, structures, tanks, mains, compressor stations, purifier stations, pressure holders, governors, services and meters; communication systems, office, shop and other buildings and structures, and equipment; apparatus and equipment and materials and supplies of all other kinds and descriptions; and all municipal and other franchises, leaseholds, licenses, permits, and privileges;

TOGETHER WITH all and singular the tenements, hereditaments and appurtenances belonging or in any wise appertaining to the aforesaid property or any part thereof with the reversion and reversions, remainder and remainders, tolls, rents and revenues, issues, income, proceeds, product and profits thereof, and all the estate, right, title and interest and claim whatsoever, at law as well as in equity, which the Company now has or may hereafter

acquire in and to the aforesaid property and franchises and every part and parcel thereof (except such property as is expressly excepted or excluded from the lien and security interest of the Indenture, and property of a successor corporation or corporations excluded from the lien and security thereof by the provisions of Section 3 of Article XIV thereof), subject to the rights reserved by the Company in and by other provisions of the Indenture;

It is hereby agreed by the Company that, except as aforesaid, all the property, rights, and franchises acquired by the Company after the date hereof shall be as fully embraced within the lien and security interest hereof as if such property were now owned by the Company and were specifically described herein and conveyed and a security interest therein granted hereby;

SAVING AND EXCEPTING, HOWEVER, anything to the contrary notwithstanding contained herein or in the granting clauses of the Original Indenture and said Supplemental Indentures (a) such property described or referred to in any of such granting clauses as has been from time to time, released or sold free from the lien and security interest of the Original Indenture (or the Original Indenture, as supplemented) in accordance and compliance with the provisions thereof (or of the Original Indenture, as supplemented, as the case may be), and (b) all of the following property (whether now owned by the Company or hereafter acquired by it): (1) all gas, electric energy and steam produced, purchased or otherwise acquired; (2) all contracts, choses in action, shares of stock, bonds, notes, evidences of indebtedness, and other securities, other than any of the foregoing which may be required to be deposited from time to time with the Trustee in accordance with the provisions of the Indenture or are required by some express provision thereof to be deposited with the Trustee; (3) merchandise and appliances at any time acquired for the purpose of sale or lease to customers and others and contracts for the sale of merchandise and appliances; (4) motor vehicles; (5) timber on land owned by the Company; (6) minerals or mineral rights in lands owned by the Company; (7) oil, coal or gas, or oil, coal or gas rights in land owned by the Company or gas wells or oil wells or equipment therefor or coal mines or equipment therefor; (8) fuel and other personal property which are consumable in their use in the operation of the properties of the Company; (9) bills and accounts receivable; (10) cash on hand and in banks other than such cash as may be deposited from time to time with the Trustee in accordance with the provisions of the Indenture or as is required by some express provision thereof to be deposited with the Trustee; and (11) the last day of the term of each leasehold estate now or hereafter enjoyed by the Company. The Company may, however, expressly subject to the lien and security interest and operation of the Original Indenture and all indentures supplemental thereto all or any part of the property of the character described in clause (b) of this paragraph;

TO HAVE AND TO HOLD all said properties, real, personal and mixed, mortgaged, pledged, or conveyed and in which a security interest has been granted by the Company as aforesaid, or intended so to be, unto the Trustee and its successors and assigns forever, subject, however, to Permitted Liens as defined in the Indenture;

IN TRUST NEVERTHELESS, for the equal pro rata benefit and security as provided in the Original Indenture and all indentures supplemental thereto of all and every of the bonds issued and to be issued in accordance with the provisions of the Original Indenture and all indentures supplemental thereto, without preference, priority or distinction as to lien or security interest of any over the others by reason of priority in time of the issue, negotiation or maturity thereof, subject, however, to the provisions of the Original Indenture and all indentures supplemental thereto relating to any sinking fund or similar fund for the benefit of the bonds of any particular series;

The Company does further covenant and agree with the Trustee as follows:

#### **ARTICLE I SERIES TTT BONDS**

**Section 1:** There is hereby created, for issuance under the Original Indenture as supplemented by the said Supplemental Indentures (including this Sixty-Eighth Supplemental Indenture), a series of bonds designated Series TTT, due 2049, each of which shall bear the descriptive title "First Mortgage Bonds, Series TTT, due 2049" (herein sometimes referred to as "Series TTT Bonds"), and the form thereof shall contain suitable provisions with respect to the matters hereinafter in this Section specified. The Series TTT Bonds shall mature on June 15, 2049 and shall be issued in denominations of \$1,000 and integral multiples thereof as the Company may from time to time execute and deliver. The Series TTT Bonds shall bear interest at the rate and from the date, shall mature as to principal, and shall be payable as to principal and premium, if any, and interest at such place or places and in such money, all as

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provided in the form of Series TTT Bond set forth on Exhibit A hereto (the “Form of Bond”) and by the applicable provisions of the Indenture. In addition, May 31, 2019 shall be an interest payment date for the Series TTT Bonds for purposes of Section 9 of Article II of the Indenture, *provided* that no interest shall be payable on such date. The principal and premium, if any, and interest on the Series TTT Bonds shall be payable at the office or agency maintained by the Company for such purpose (initially the corporate trust office of the Trustee) in the City and County of Los Angeles, State of California and, if Series TTT Bonds are issued in definitive certificated form under the circumstances set forth in clause (2) of Section 4 of this Article I, at the office or agency maintained by the Company for such purpose in the Borough of Manhattan, City and County of New York, State of New York. The Series TTT Bonds shall be dated as in Section 9 of Article II of the Indenture provided with respect to registered bonds without coupons.

The Series TTT Bonds shall further be redeemable, exchangeable, transferable and otherwise have the terms set forth in the Form of Bond.

The Series TTT Bonds shall otherwise be of such terms, provisions, tenor and form as provided in this Sixty-Eighth Supplemental Indenture.

**Section 2:** The Series TTT Bonds shall be executed, authenticated and delivered in accordance with the provisions and shall be entitled to the protection and security of the Original Indenture, as supplemented by this Sixty-Eighth Supplemental Indenture and the other supplemental indentures, and shall be subject to all of the terms, conditions and covenants and limitations thereof. The aggregate principal amount of the Series TTT Bonds, which may be executed by the Company and authenticated and delivered by the Trustee and secured by the Indenture as from time to time in effect, is limited only to the extent provided in Section 1 of Article II of the Original Indenture. The Company has authorized the issuance and sale on the date hereof of \$400,000,000 aggregate principal amount of Series TTT Bonds. The Company may, from time to time, without notice to or the consent of the registered holders of the Series TTT Bonds but upon and subject to the terms and provisions of the Indenture, increase the principal amount of the Series TTT Bonds under the Indenture and issue such increased principal amount, or any portion thereof. Any additional Series TTT Bonds so issued shall have the same form and terms (other than offering price, the date of original issuance and, under certain circumstances, the date from which interest thereon shall begin to accrue and the first Interest Payment Date (as defined below)) as the Series TTT Bonds previously issued and shall form a single series of bonds under the Indenture with the previously issued Series TTT Bonds.

**Section 3:** The Series TTT Bonds shall be issued only as fully registered bonds without coupons. The fully registered bonds without coupons and the certificate of authentication to be endorsed on all Series TTT Bonds shall be substantially in the form set forth on the Form of Bond. In addition, the Series TTT Bonds may be issuable in whole or in part in the form of one or more securities that evidence all or part of the bonds of such series and are registered in the name of a depository (as defined below) or a nominee thereof for such series (each, a “Global Security”) and, in such case, the Board of Directors of the Company (or an authorized officer designated by the Board of Directors of the Company) shall appoint a clearing agency registered under the Securities Exchange Act of 1934, as amended (the “Exchange Act”), designated to act as depository (a “depository”) for such Global Securities; the initial depository so appointed is The Depository Trust Company. The definitive Series TTT Bonds shall be numbered in such manner as the Company shall at any time or from time to time determine.

**Section 4:** In the event Series TTT Bonds are issued as Global Securities the following provisions, in addition to the provisions of the Indenture, shall apply:

(1) Each Global Security authenticated under the Indenture shall be registered in the name of the depository designated for such Global Security or a nominee thereof and delivered to such depository or a nominee thereof or custodian therefor, and each such Global Security shall constitute a single Series TTT Bond for all purposes of this Supplemental Indenture.

(2) Notwithstanding any other provision in this Supplemental Indenture, no Global Security may be exchanged in whole or in part for Series TTT Bonds registered, and no transfer of a Global Security in whole or in part may be registered, in the name of any person other than the depository for such Global Security or a nominee thereof unless (A) such depository has notified the Company that it is unwilling or unable to continue as depository for the Global Security or Global Securities, as the case may be, representing the Series TTT Bonds and a

successor depository has not been appointed by the Company within 90 days of receipt by the Company of such notification, (B) if at any time the depository ceases to be a clearing agency registered under the Exchange Act at a time when the depository is required to be so registered to act as such depository and no successor depository shall have been appointed by the Company within 90 days after it became aware of the depository's ceasing to be so registered, (C) the Company, in its sole discretion, executes and delivers to the Trustee a written order signed in the name of the Company by its Chairman of the Board, its President or a Vice President, and by its Treasurer, an Assistant Treasurer, its Secretary or an Assistant Secretary to the effect that the Global Securities of such series shall be exchangeable as described below, or (D) a "completed default" (as defined in the Indenture) has occurred and is continuing with respect to the Series TTT Bonds. If any of the events described in clauses (A) through (D) of the preceding sentence occur, the beneficial owners of interests in such Global Securities will be entitled to exchange those interests for definitive Series TTT Bonds and, without unnecessary delay but in any event not later than the earliest date on which those interests may be so exchanged, the Company will prepare and deliver to the Trustee definitive Series TTT Bonds in such form and denominations as are required by or pursuant to the Indenture, and in an aggregate principal amount equal to the aggregate principal amount of such Global Securities, such bonds to be duly executed by the Company. On or after the earliest date on which such beneficial interests may be so exchanged, such Global Securities shall be surrendered from time to time by the depository as shall be specified in the order from the Company with respect thereto (which the Company agrees to deliver) to the Trustee, as the Company's agent for such purpose, and in accordance with any instructions given to the Trustee and the depository by the Company (which instructions shall be in writing but need not be contained in or accompanied by an officers' certificate or be accompanied by an opinion of counsel), to be exchanged, in whole or in part, for definitive Series TTT Bonds as described above without charge. The Trustee shall authenticate and make available for delivery, in exchange for each portion of each surrendered Global Security, a like aggregate principal amount of definitive Series TTT Bonds of authorized denominations as the portion of such Global Security to be exchanged. Promptly following any such exchange in part, such Global Security shall be returned by the Trustee to such depository or its custodian. If a definitive Series TTT Bond is issued in exchange for any portion of a Global Security after the close of business at the place where such exchange occurs on or after (i) any regular record date for a regularly scheduled interest payment date (an "Interest Payment Date") for such bond and before the opening of business at that place of exchange on such Interest Payment Date, or (ii) any special record date for the payment of interest for such bond which was not punctually paid or duly provided for on any Interest Payment Date ("Defaulted Interest") and before the opening of business at such place of exchange on the related proposed date for the payment of such Defaulted Interest, as the case may be, interest shall not be payable on such Interest Payment Date or proposed date for payment, as the case may be, in respect of such definitive bond, but shall be payable on the Interest Payment Date or proposed date for payment, as the case may be, only to the person to whom interest in respect of such portion of such Global Security shall be payable in accordance with the provisions of the Indenture and the Series TTT Bonds.

(3) Subject to Clause (2) above, any exchange or transfer of a Global Security for other Series TTT Bonds may be made in whole or in part, and all definitive Series TTT Bonds issued in exchange for or upon transfer of a Global Security or any portion thereof shall be registered in such names as the depository for such Global Security shall direct.

(4) Every Series TTT Bond authenticated and delivered upon registration of transfer of, or in exchange for or in lieu of, a Global Security or any portion thereof, shall be authenticated and delivered in the form of, and shall be, a Global Security, unless such bond is registered in the name of a person other than the depository for such Global Security or a nominee thereof.

(5) Unless otherwise specified as contemplated by Section 1 of Article I of this Supplemental Indenture for the Series TTT Bonds evidenced thereby, every Global Security authenticated and delivered hereunder shall bear a legend in substantially the following form:

THIS SECURITY IS A GLOBAL SECURITY WITHIN THE MEANING OF THE INDENTURE HEREINAFTER REFERRED TO AND IS REGISTERED IN THE NAME OF A DEPOSITARY OR A NOMINEE THEREOF. THIS SECURITY MAY NOT BE EXCHANGED IN WHOLE OR IN PART FOR A SECURITY REGISTERED, AND NO TRANSFER OF THIS SECURITY IN WHOLE OR IN PART MAY BE REGISTERED, IN THE NAME OF ANY PERSON OTHER THAN SUCH DEPOSITARY OR A NOMINEE THEREOF, EXCEPT IN THE LIMITED CIRCUMSTANCES DESCRIBED IN THE INDENTURE. ANY TRANSFER, PLEDGE, OR OTHER

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USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY OTHER PERSON IS WRONGFUL, INASMUCH AS THE REGISTERED OWNER HEREOF HAS AN INTEREST HEREIN.

**Section 5:** The Series TTT Bonds may contain or have imprinted thereon such provisions or specifications not inconsistent with the Indenture as may be required to comply with the rules of any stock exchange or any federal or state authority or commission, or to comply with usage with respect thereto, and may bear such other appropriate endorsements or notations as are authorized or permitted by the Indenture.

**Section 6:** In the manner and subject to certain conditions and limitations specified herein and in the Indenture, Series TTT Bonds may be exchanged without a service charge for a like aggregate principal amount of such Series TTT Bonds of other authorized denomination or denominations; provided that the Company may require payment of a sum or sums sufficient to reimburse it for any stamp tax or other governmental charge payable in connection therewith.

**Section 7:** The Company shall maintain in the City and County of Los Angeles, State of California, and in such other place or places as the Company may designate at any time or from time to time, an office or agency where Series TTT Bonds, including Series TTT Bonds issued in definitive certificated form, may be presented for payment, registration, transfer and exchange as provided therein or in the Indenture. Without limitation to the foregoing, if Series TTT Bonds are issued in definitive certificated form under the circumstances set forth in clause (2) of Section 4 of this Article I, the Company shall also maintain in the Borough of Manhattan, City and County of New York, State of New York, an office or agency where Series TTT Bonds, including Series TTT Bonds issued in definitive certificated form, may be presented for payment, registration, transfer and exchange as provided therein or in the Indenture. Such office or agency in the City and County of Los Angeles, State of California, and any such office or agency in the Borough of Manhattan, City and County of New York, State of New York, shall be a corporate trust office of the Trustee unless and until the Company shall designate another office or agency by notice in writing delivered to the Trustee.

**Section 8:** No transfer or exchange of any Series TTT Bonds pursuant to any of the provisions of this Article I shall be made except upon and in accordance with all of the applicable terms, provisions and conditions of said bonds and of the Indenture.

## ARTICLE II MISCELLANEOUS PROVISIONS

**Section 1:** This instrument is executed and shall be construed as an indenture supplemental to the Original Indenture and shall form a part thereof and, as supplemented by this Sixty-Eighth Supplemental Indenture, the Original Indenture as heretofore supplemented and amended is hereby confirmed.

**Section 2:** All terms used in this Sixty-Eighth Supplemental Indenture shall be taken to have meaning as in the Original Indenture, as heretofore supplemented and amended, except terms which may be otherwise expressly defined herein and in cases where the context clearly indicates otherwise.

**Section 3:** In order to facilitate the filing of this Sixty-Eighth Supplemental Indenture, the same may be executed in several counterparts, each of which, when so executed, shall be deemed to be an original, but such counterparts shall constitute but one and the same instrument.

**Section 4:** All of the covenants, stipulations, promises and agreements in this Sixty-Eighth Supplemental Indenture by or on behalf of the Company shall bind its successors and assigns, whether so expressed or not.

**Section 5:** To the extent any provision in this Sixty-Eighth Supplemental Indenture conflicts with any provision in the Indenture, the provisions of this Sixty-Eighth Supplemental Indenture shall govern; *provided, however*, that in the event such conflict would require bondholder consent, the terms and provisions of the Indenture shall govern.

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**Section 6:** The Original Indenture, as heretofore amended and supplemented, insofar as it applies to the Series TTT Bonds, this Sixty-Eighth Supplemental Indenture and the Series TTT Bonds shall be governed by and construed in accordance with the laws of the State of California, without regard (to the extent permitted by applicable law) to conflicts of laws principles thereof; *provided*, that, notwithstanding the foregoing, the creation, perfection and enforcement of any mortgage or lien on real property or improvements thereon or fixtures attached thereto under the Original Indenture, as heretofore amended and supplemented, insofar as it applies to the Series TTT Bonds, or this Sixty-Eighth Supplemental Indenture shall be governed by and construed in accordance with the laws of the State where such real property or improvements thereon or fixtures attached thereto, as the case may be, are located, without regard (to the extent permitted by applicable law) to conflicts of laws principles thereof.

{Signature Page Follows}



IN WITNESS WHEREOF, SAN DIEGO GAS & ELECTRIC COMPANY has caused this Sixty-Eighth Supplemental Indenture to be signed in its name and behalf by its duly authorized officer and its corporate seal to be hereunto affixed duly attested by its Secretary or one of its Assistant Secretaries, and U.S. BANK NATIONAL ASSOCIATION, to evidence its acceptance of the trusts hereby created, has caused this Sixty-Eighth Supplemental Indenture to be signed in its name and behalf by its duly authorized officer as of the day and year first above written.

SAN DIEGO GAS & ELECTRIC COMPANY

By: /s/ Bruce A. Folkmann  
Name: Bruce A. Folkmann  
Title: Vice President, Controller, Chief Financial Officer,  
Chief Accounting Officer and Treasurer

(CORPORATE SEAL)

Attest:

By: /s/ Kari E. McCulloch  
Name: Kari E. McCulloch  
Title: Corporate Secretary

U.S. BANK NATIONAL ASSOCIATION, AS TRUSTEE

By: /s/ Fonda Hall  
Name: Fonda Hall  
Title: Vice President

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA )  
 ) ss  
COUNTY OF SAN DIEGO )

On May 29, 2019, before me, LESLIE C. FRENCH, a Notary Public, personally appeared BRUCE A. FOLKMANN and KARI E. MCCULLOCH, who proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

/s/ Leslie C. French  
SIGNATURE OF NOTARY PUBLIC

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA )  
 ) ss  
COUNTY OF LOS ANGELES )

On May 30, 2019, before me, F. REIDELBACH, a Notary Public, personally appeared FONDA HALL, of U.S. BANK NATIONAL ASSOCIATION, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

/s/ F. Reidelbach  
SIGNATURE OF NOTARY PUBLIC

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**EXHIBIT A**  
**FORM OF BOND**  
**(Attached)**

[If this bond is issued as a global security, insert the following legend: THIS SECURITY IS A GLOBAL SECURITY WITHIN THE MEANING OF THE INDENTURE HEREINAFTER REFERRED TO AND IS REGISTERED IN THE NAME OF A DEPOSITARY OR A NOMINEE THEREOF. THIS SECURITY MAY NOT BE EXCHANGED IN WHOLE OR IN PART FOR A SECURITY REGISTERED, AND NO TRANSFER OF THIS SECURITY IN WHOLE OR IN PART MAY BE REGISTERED, IN THE NAME OF ANY PERSON OTHER THAN SUCH DEPOSITARY OR A NOMINEE THEREOF, EXCEPT IN THE LIMITED CIRCUMSTANCES DESCRIBED IN THE INDENTURE. ANY TRANSFER, PLEDGE, OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY OTHER PERSON IS WRONGFUL, INASMUCH AS THE REGISTERED OWNER HEREOF HAS AN INTEREST HEREIN.]

**SAN DIEGO GAS & ELECTRIC COMPANY**  
(INCORPORATED UNDER THE LAWS OF THE STATE OF CALIFORNIA)

**4.100% FIRST MORTGAGE BOND,  
SERIES TTT, DUE 2049**

No. \_\_\_\_\_

\$ \_\_\_\_\_

CUSIP No. 797440 BX1  
ISIN No. US797440BX17

SAN DIEGO GAS & ELECTRIC COMPANY, a corporation organized and existing under the laws of the State of California (hereinafter called the "Company"), which term shall include any successor corporation, as defined in the Indenture referred to on the reverse hereof, for value received, hereby promises to pay to \_\_\_\_\_, or registered assigns, the principal sum of \_\_\_\_\_ dollars in lawful money of the United States of America, on June 15, 2049, and to pay interest thereon from May 31, 2019, or from the most recent date to which interest has been paid or duly provided for on the Series TTT Bonds (as defined on the reverse hereof), at the rate of 4.100% per annum in like lawful money, payable semi-annually in arrears, on June 15 and December 15 (each, an "Interest Payment Date") in each year, commencing December 15, 2019, to the person in whose name this bond (as defined on the reverse hereof) is registered at the close of business on the immediately preceding June 1 and December 1, respectively, until the Company's obligation with respect to the payment of such principal (and premium, if any) shall be discharged as provided in the Indenture hereinafter mentioned. The principal of (and premium, if any) and interest on this bond will be paid at the office or agency maintained by the Company for that purpose (initially the corporate trust office of the Trustee (as defined on the reverse hereof)) in the City and County of Los Angeles, State of California and, if Series TTT Bonds are issued in definitive certificated form under the circumstances set forth in clause (2) of Section 4 of Article I of the Sixty-Eighth Supplemental Indenture (as defined on the reverse hereof), at the office or agency maintained by the Company for such purpose in the Borough of Manhattan, City and County of New York, State of New York. Notwithstanding the foregoing, so long as the registered holder of this bond is a depositary (as defined in the Sixty-Eighth Supplemental Indenture) or its nominee, payment of the principal of and premium, if any, and interest on this bond will be made by wire transfer of immediately available funds; and, if the Series TTT Bonds are issued in definitive certificated form under the circumstances set forth in clause (2) of Section 4 of Article I of the Sixty-Eighth Supplemental Indenture, the Company may at its option pay interest on the Series TTT Bonds in definitive certificated form by check mailed to the addresses of the persons entitled to payment or by wire transfer to bank accounts in the United States designated in writing to the Trustee at least 15 days before the applicable Interest Payment Date by the persons entitled to such payment.

The provisions of this bond are continued on the reverse hereof and such continued provisions shall for all purposes have the same effect as though fully set forth at this place.

This bond shall not be valid or become obligatory for any purpose unless and until U.S. BANK NATIONAL ASSOCIATION, as Trustee under the Indenture, or its successor thereunder, shall have signed the certificate of authentication endorsed hereon.

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IN WITNESS WHEREOF, SAN DIEGO GAS & ELECTRIC COMPANY has caused this instrument to be executed in its name by the signature or facsimile signature of its President or any Vice President and its corporate seal or a facsimile thereof to be hereto affixed and attested by the signature or facsimile signature of its Secretary or any Assistant Secretary.

Dated: \_\_\_\_\_

SAN DIEGO GAS & ELECTRIC COMPANY

By: \_\_\_\_\_

Name:

Title:

(CORPORATE SEAL)

Attest:

\_\_\_\_\_

Name:

Title:

This bond is one of a duly authorized issue of bonds of the Company, known as its First Mortgage Bonds, of the series and designation indicated on the face hereof (the "Series TTT Bonds"), all issued and to be issued under and equally secured by a Mortgage and Deed of Trust dated July 1, 1940, and indentures supplemental thereto, including the Sixty-Eighth Supplemental Indenture (the "Sixty-Eighth Supplemental Indenture") dated as of May 31, 2019 (which Mortgage and Deed of Trust, as so amended and supplemented and as the same may be further amended or supplemented from time to time, is herein called the "Indenture"), executed by the Company to U.S. Bank National Association, as successor trustee (herein called, together with its successors in such capacity, the "Trustee"), to which Indenture reference is hereby made for a description of the property mortgaged, pledged, hypothecated and in which a security interest was granted, the nature and extent of the security, the rights of the holders of the Series TTT Bonds as to such security, and the terms and conditions upon which the Series TTT Bonds may be issued under the Indenture and are secured. The principal hereof may be declared or may become due on the conditions, in the manner and at the time set forth in the Indenture, upon the happening of a completed default (as defined in the Indenture) as in the Indenture provided. This Series TTT Bond is one of a series of Series TTT Bonds and is sometimes referred to as "this bond."

Interest on the Series TTT Bonds will be calculated on the basis of a 360-day year consisting of twelve 30-day months.

With the consent of the Company and to the extent permitted by and as provided in the Indenture, the rights and obligations of the Company or of the holders of the Series TTT Bonds, or the terms and provisions of the Indenture or of any indentures supplemental thereto, may be modified or altered by the affirmative vote of the holders of the percentage of principal amount of bonds required by the Indenture; *provided, however*, that without the consent of the holder hereof no such modification or alteration shall permit, among other things, the reduction of the principal or premium, if any, or the extension of the maturity of the principal of this bond, or the reduction of the rate of interest hereon, or any other modification of the terms of payment of such principal or premium, if any, or interest.

The Company, the Trustee, any paying agent, any registrar, and any depositary may deem and treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving payment of or on account of the principal hereof and premium, if any, and interest hereon and for all other purposes and shall not be affected by any notice to the contrary.

Prior to December 15, 2048 (the "Par Call Date"), the Company may at the Company's option redeem the Series TTT Bonds, at any time in whole or from time to time in part, at a redemption price (the "Redemption Price") for any redemption date (a "Redemption Date") equal to the greater of the following amounts: (a) 100% of the principal amount of the Series TTT Bonds being redeemed on that Redemption Date; or (b) the sum of the present values of the remaining scheduled payments of principal and interest on the Series TTT Bonds being redeemed on that Redemption Date (not including any portion of any payments of accrued and unpaid interest to that Redemption Date) that would be due if the Series TTT Bonds matured, and accrued and unpaid interest was payable, on the Par Call Date, discounted to that Redemption Date on a semiannual basis at the Adjusted Treasury Rate (as defined below) plus 25 basis points, as determined by the Independent Investment Banker (as defined below), plus, in each case, accrued and unpaid interest on the Series TTT Bonds being redeemed to that Redemption Date. On and after the Par Call Date, the Company may at the Company's option redeem the Series TTT Bonds, at any time in whole or from time to time in part, at a Redemption Price equal to 100% of the principal amount of the Series TTT Bonds being redeemed, plus accrued and unpaid interest on the Series TTT Bonds being redeemed to the Redemption Date. Notwithstanding the foregoing, installments of interest on Series TTT Bonds that are due and payable on any Interest Payment Date falling on or prior to a Redemption Date will be payable on that Interest Payment Date to the registered holders of such Series TTT Bonds as of the close of business on the relevant record date according to the terms of the Series TTT Bonds and the Indenture. The Redemption Price will, if applicable, be calculated on the basis of a 360-day year consisting of twelve 30-day months.

Notice of any redemption will be mailed at least 30 days, but not more than 60 days, before the Redemption Date to each registered holder of the Series TTT Bonds to be redeemed. Once notice of redemption is mailed, the

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Series TTT Bonds called for redemption will become due and payable on the Redemption Date and at the applicable Redemption Price, plus accrued and unpaid interest to the Redemption Date, provided that the Company may rescind any notice of redemption by notice given not less than five days prior to the proposed Redemption Date. Redemption will not be conditional upon receipt by the Trustee of monies sufficient to pay the Redemption Price.

Unless the Company defaults in payment of the Redemption Price, on and after the Redemption Date interest will cease to accrue on the Series TTT Bonds or portions thereof called for redemption. The Company will pay the Redemption Price and any accrued interest once the Series TTT Bonds are surrendered for redemption. If only a portion of any Series TTT Bonds is redeemed, the Trustee will deliver new Series TTT Bonds for the remaining portion without charge.

“Adjusted Treasury Rate” means, with respect to any Redemption Date, the rate per annum equal to the semiannual equivalent yield to maturity of the Comparable Treasury Issue, assuming a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for such Redemption Date.

“Comparable Treasury Issue” means, with respect to any Redemption Date, the United States Treasury security selected by the Independent Investment Banker as having a maturity comparable to the remaining term of the Series TTT Bonds to be redeemed on such Redemption Date (assuming the Series TTT Bonds matured on the Par Call Date) 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 such Series TTT Bonds (assuming the Series TTT Bonds matured on the Par Call Date).

“Comparable Treasury Price” means, with respect to any Redemption Date, (A) the average of the Reference Treasury Dealer Quotations for such Redemption Date, or (B) if only one Reference Treasury Dealer Quotation is received, such quotation.

“Independent Investment Banker” means, with respect to any Redemption Date, one of the Reference Treasury Dealers appointed by the Company to act as the “Independent Investment Banker.”

“Reference Treasury Dealer Quotation” means, with respect to each Reference Treasury Dealer and any Redemption Date, the average, as determined by the Company, 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 Company by such Reference Treasury Dealer at 5:00 p.m. (New York City time) on the third business day preceding such Redemption Date. As used in the preceding sentence, “business day” means any day (other than a Saturday or Sunday) on which banking institutions in The City of New York are not authorized or obligated by law or executive order to remain closed.

“Reference Treasury Dealers” means, with respect to any Redemption Date, (A) BNP Paribas Securities Corp., Citigroup Global Markets Inc., Deutsche Bank Securities Inc. and Mizuho Securities USA LLC (or their respective affiliates which are Primary Treasury Dealers (as defined below)), and their respective successors, provided, however, that if any of the foregoing shall cease to be a primary U.S. Government securities dealer in the United States (a “Primary Treasury Dealer”), the Company will substitute therefor another Primary Treasury Dealer; and (B) any other Primary Treasury Dealer(s) selected by the Company.

In the event that the Company elects to redeem only a portion of the outstanding Series TTT Bonds, (a) the Series TTT Bonds to be redeemed shall be selected as provided in the Indenture and, in the case of Series TTT Bonds represented by a Global Security (as defined in the Sixty-Eighth Supplemental Indenture), in accordance with the procedures of The Depository Trust Company (or its successor as depository) and (b) in the case of any Series TTT Bond being redeemed in part, the principal amount redeemed must be \$1,000 or an integral multiple of \$1,000 and the remaining principal amount must be an authorized denomination.

As more fully provided in and subject to the provisions of the Indenture, the Series TTT Bonds are also subject to redemption on any date, under certain circumstances specified in the second paragraph of Section 13 of Article XI of the Indenture in case of the disposition or taking (among other things) of certain properties of the



Company, at 100% of the principal amount thereof, together with accrued interest on the Series TTT bonds being redeemed to the date of redemption.

This bond is transferable as prescribed in the Indenture by the registered owner hereof in person, or by his duly authorized attorney, at the office or agency maintained by the Company for that purpose (initially the corporate trust office of the Trustee) in the City and County of Los Angeles, State of California, and, if Series TTT Bonds are issued in definitive certificated form under the circumstances set forth in clause (2) of Section 4 of Article I of the Sixty-Eighth Supplemental Indenture, at the office or agency maintained by the Company for such purpose in the Borough of Manhattan, City and County of New York, State of New York, upon surrender and cancellation of this bond and thereupon a new registered bond or bonds of the same series of authorized denominations and of a like aggregate principal amount, will be issued to the transferee in exchange hereof as provided in the Indenture, upon payment of any tax or taxes or other governmental charges required to be paid by the Company by reason of such transfer.

The registered owner of any Series TTT Bond, at the option of such holder, may surrender the same, accompanied by a written instrument of transfer in form approved by the Company duly executed by the registered owner, at the office or agency maintained by the Company for that purpose (initially the corporate trust office of the Trustee) in the City and County of Los Angeles, State of California and, if Series TTT Bonds are issued in definitive certificated form under the circumstances set forth in clause (2) of Section 4 of Article I of the Sixty-Eighth Supplemental Indenture, at the office or agency maintained by the Company for such purpose in the Borough of Manhattan, City and County of New York, State of New York, for cancellation in exchange for another or other registered bonds of the said series of higher or lower authorized denominations of an aggregate principal amount equal to the aggregate principal amount of the bond or bonds so surrendered and bearing interest as provided in Section 9 of Article II of the Indenture, and upon payment of any tax or taxes or other governmental charges required to be paid by the Company by reason of such exchange and subject to the terms and conditions specified in the Indenture, and thereupon the Company shall execute and deliver to the Trustee and the Trustee shall authenticate and deliver such other bonds to such registered owner at its office or at such office or agency of the Company, at the option of such registered owner.

No recourse shall be had for the payment of the principal of (or premium, if any) or the interest on this bond, or any part thereof, or of any claim based hereon or in respect hereof or of said Indenture, against any incorporator, or any past or future stockholder, officer or director, as such, of the Company or of any predecessor or successor corporation, either directly or through the Company, or through any such predecessor or successor corporation, or through any receiver or a trustee in bankruptcy, whether by virtue of any constitution, statute or rule of law or by the enforcement of any assessment or penalty or otherwise, all such liability being, by the acceptance hereof and as part of the consideration for the issue hereof, expressly waived and released, as more fully provided in the Indenture.

This Series TTT Bond shall be governed by and construed in accordance with the laws of the State of California, without regard (to the extent permitted by applicable law) to conflicts of laws principles thereof.

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This bond is one of the bonds of the series designated therein, described in the within-mentioned Indenture.

U.S. BANK NATIONAL ASSOCIATION,  
As Trustee

By: \_\_\_\_\_  
Authorized Officer

Date of Authentication: \_\_\_\_\_

12670 High Bluff Drive  
San Diego, California 92130  
Tel: +1.858.523.5400 Fax: +1.858.523.5450  
www.lw.com

**LATHAM & WATKINS** LLP

May 31, 2019

FIRM / AFFILIATE OFFICES

Beijing	Moscow
Boston	Munich
Brussels	New York
Century City	Orange County
Chicago	Paris
Dubai	Riyadh
Düsseldorf	San Diego
Frankfurt	San Francisco
Hamburg	Seoul
Hong Kong	Shanghai
Houston	Silicon Valley
London	Singapore
Los Angeles	Tokyo
Madrid	Washington, D.C.
Milan	

San Diego Gas & Electric Company  
8326 Century Park Court  
San Diego, California 92123

Re: Registration Statement No. 333-222650; Issuance of \$400,000,000 Aggregate Principal Amount of 4.100% First Mortgage Bonds, Series TTT, due 2049

Ladies and Gentlemen:

We have acted as special counsel to San Diego Gas & Electric Company, a California corporation (the “*Company*”), in connection with the Company’s issuance of \$400,000,000 aggregate principal amount of 4.100% First Mortgage Bonds, Series TTT, due 2049 (the “*Bonds*”) under an indenture, dated as of July 1, 1940, between the Company and U.S. Bank National Association, as successor trustee (the “*Trustee*”), as amended and supplemented to date, including as supplemented by the Sixty-Eighth Supplemental Indenture, dated May 31, 2019 (the “*Indenture*”), between the Company and the Trustee, setting forth the terms of the Bonds, and pursuant to a registration statement on Form S-3 under the Securities Act of 1933, as amended (the “*Act*”), filed with the Securities and Exchange Commission (the “*Commission*”) on January 22, 2018 (Registration No. 333-222650) (the “*Registration Statement*”), and an underwriting agreement, dated May 28, 2019, between the underwriters named therein and the Company.

This opinion is being furnished in connection with the requirements of Item 601(b)(5) of Regulation S-K under the Act, and no opinion is expressed herein as to any matter pertaining to the contents of the Registration Statement or related prospectus, other than as expressly stated herein with respect to the issue of the Bonds.

LATHAM & WATKINS<sup>LLP</sup>

As such counsel, we have examined such matters of fact and questions of law as we have considered appropriate for purposes of this letter. With your consent, we have relied upon certificates and other assurances of officers of the Company and others as to factual matters without having independently verified such factual matters. We are opining herein as to the internal laws of the State of California and we express no opinion with respect to the applicability thereto, or the effect thereon, of the laws of any other jurisdiction, or as to any matters of municipal law or the laws of any local agencies within any state.

Subject to the foregoing and the other matters set forth herein, it is our opinion that, as of the date hereof, the Bonds have been duly authorized by all necessary corporate action of the Company and are the legally valid and binding obligations of the Company, enforceable against the Company in accordance with their terms.

Our opinion is subject to: (i) the effects of bankruptcy, insolvency, reorganization, preference, fraudulent transfer, moratorium or other similar laws relating to or affecting the rights or remedies of creditors; (ii) the effects of general principles of equity, whether considered in a proceeding in equity or at law (including the possible unavailability of specific performance or injunctive relief), concepts of materiality, reasonableness, good faith, fair dealing and the discretion of the court before which a proceeding is brought; (iii) the invalidity under certain circumstances under law or court decisions of provisions for the indemnification or exculpation of, or contribution to, a party with respect to a liability where such indemnification, exculpation or contribution is contrary to public policy; and (iv) we express no opinion with respect to (a) consents to, or restrictions upon, governing law, jurisdiction, venue, service of process, arbitration, remedies or judicial relief; (b) advance waivers of claims, defenses, rights granted by law, or notice, opportunity for hearing, evidentiary requirements, statutes of limitation, trial by jury or at law, or other procedural rights; (c) waivers of rights or defenses contained in Section 9.08 of the Indenture; and waivers of broadly or vaguely stated rights; (d) provisions for exclusivity, election or cumulation of rights or remedies; (e) provisions authorizing or validating conclusive or discretionary determinations; (f) provisions for the payment of attorneys' fees where such payment is contrary to law or public policy and we call to your attention the provisions of Sections 1717 and 1717.5 of the California Civil Code, which limit and create obligations for the payment of attorneys' fees; (g) provisions prohibiting, restricting, or requiring consent to assignment or transfer of any agreement, right or property, or the effect thereon of California Civil Code Section 711; (h) provisions for liquidated damages, default interest, late charges, monetary penalties, prepayment or make-whole premiums or other economic remedies to the extent such provisions are deemed to constitute a penalty; (i) provisions permitting, upon acceleration of any indebtedness (including the Bonds), collection of that portion of the stated principal amount thereof which might be determined to constitute unearned interest thereon; and (j) the severability, if invalid, of provisions to the foregoing effect. We do not render any opinion herein with respect to the creation, validity, perfection or priority of any security interest.

With your consent, except to the extent we have expressly opined as to such matters with respect to the Company herein we have assumed (a) that the Indenture and the Bonds (collectively, the "*Documents*") have been duly authorized, executed and delivered by the parties thereto, (b) that the Documents constitute legally valid and binding obligations of the parties thereto, enforceable against each of them in accordance with their respective terms, and (c) that

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the status of the Documents as legally valid and binding obligations of the parties is not affected by any (i) breaches of, or defaults under, agreements or instruments, (ii) violations of statutes, rules, regulations or court or governmental orders, or (iii) failures to obtain required consents, approvals or authorizations from, or make required registrations, declarations or filings with, governmental authorities.

This opinion is for your benefit in connection with the Registration Statement and may be relied upon by you and by persons entitled to rely upon it pursuant to the applicable provisions of the Act. We consent to your filing this opinion as an exhibit to the Company's Form 8-K dated May 31, 2019 and to the reference to our firm contained in the prospectus for the offering of the Bonds under the heading "Legal Matters." In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Commission thereunder.

Very truly yours,

/s/ Latham & Watkins LLP