

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Application of San Diego Gas & Electric
Company (U 902-E) for Approval of its 2018
Energy Storage Procurement and Investment
Plan.

Application No. A.18-02-____
(filed February 28, 2018)

**APPLICATION OF SAN DIEGO GAS & ELECTRIC COMPANY (U 902-E) FOR
APPROVAL OF ITS 2018 ENERGY STORAGE PROCUREMENT AND
INVESTMENT PLAN**

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February 28, 2018

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- Attachment 3 – List of Applicable Statutes and Rules That May Impact Energy Storage Procurement
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Pursuant to Article 2 of the Commission’s Rules,¹ Assembly Bill (“AB”) 2514, AB 2868 and Commission Decision (“D.”) 17-04-039,² San Diego Gas & Electric Company (“SDG&E”) submits this application seeking approval of its 2018 Energy Storage Procurement and Investment Plan. As described below, SDG&E has served concurrently prepared testimony supporting this application pursuant to Rule 1.7(b).³

I. INTRODUCTION AND SUMMARY

Pursuant to AB 2514,⁴ the Commission established the Energy Storage Procurement Framework and Program.⁵ D.17-04-039 leaves in place utility energy storage targets previously

¹ Citations herein to a “Rule” or “Rules” are to the Commission’s Rules of Practice and Procedure.

² *Decision on Track 2 Energy Storage Issues* (May 8, 2017) (“Track 2 Decision”).

³ References to “testimony” herein are to the prepared direct testimony served in support of and concurrently with this application. Pursuant to Rules 1.7(b) and 1.9(d), this prepared testimony is *not* being filed with the Commission, but is being served via a Notice of Availability.

⁴ Stats 2010, ch. 469, *codified at* Cal. Pub. Util. Code (“P.U. Code”) §§ 2835-2839. AB 2514 directed the Commission to determine appropriate targets, if any, for each Load-Serving Entity as defined by P.U. Code § 380(j) to procure viable and cost-effective energy storage systems and to set dates to achieve any such targets.

⁵ As part of this program, D.13-10-040 (the “Energy Storage Decision”) adopted a total energy storage procurement target of 1,325 megawatts (“MW”), allocated to each of the investor-owned utilities in four biennial solicitations through 2020. SDG&E’s share of this target is 165MW.

set pursuant to AB 2514, and it establishes a process to implement AB 2868,⁶ which requires the utilities to propose “programs and investments” up to 500 megawatts (“MW”) of additional distributed energy storage resources.⁷ D.17-04-039 determined that these AB 2868 investment and program applications should be incorporated into the existing process and schedule for approving the biennial utility energy storage procurement plans.⁸ Accordingly, in addition to its AB 2514 storage plan update, this application incorporates SDG&E’s AB 2868 proposals for programs and investments for up to approximately 166 MW of distributed energy storage systems into this 2018 Energy Storage Procurement and Investment Plan application.

This application and supporting testimony reports on SDG&E’s progress to date, and outlines its current plan to meet the storage targets initiated by AB 2514 as established in the Energy Storage Decision, by procuring viable and cost-effective energy storage systems. The Commission has also directed SDG&E under AB 2868 to propose and implement utility investments and programs that accelerate the widespread deployment of distributed energy storage systems above and beyond SDG&E’s 165 MW share of the 1,325 MW statewide target for energy storage generally.⁹

SDG&E’s AB 2868 programs and investments submitted herein support access for all types of customers to distributed energy resources. This application embraces the opportunity to develop distributed energy storage solutions consistent with AB 2868 that prioritize public sector and low-income customers, demonstrate ratepayer benefits, seek to minimize costs and

⁶ Stats. 2016, ch.681, *codified at* P.U. Code §§ 2838.2 and 2838.3.

⁷ *Id.*, § 2838.2(c)(1).

⁸ D.17-04-039 at 19-20.

⁹ *Id.* at 19. SDG&E’s share is 166.66 MW.

maximize overall benefits, and reduce greenhouse gas (“GHG”) emissions,¹⁰ while not unreasonably limiting or impairing the ability of nonutility enterprises to market and deploy energy storage systems.¹¹ Stakeholder support for SDG&E’s proposals is reflected in the letters in Attachment 1 hereto: City of San Diego, San Diego County Air Pollution Control District, San Diego North Economic Development Council, Low-Income Oversight Board, City of Chula Vista, City of Vista, CONNECT, County of San Diego, Federal Aviation Administration, Promises2Kids, Cleantech San Diego, Marine Corps Air Station Miramar, San Diego Unified Port District, San Diego County Sheriff’s Department, and University of California, San Diego.

A. Summary of specific Commission action requested

To further the ends described above, SDG&E asks the Commission to approve the following items in this 2018 Energy Storage Procurement and Investment Plan application:

1. SDG&E requests approval of its Energy Storage Investment and Program Framework in compliance with AB 2868 (“AB 2868 Framework”), described in the testimony of Ted Reguly and that of Stephen T Johnston, which consists of:
 - a. SDG&E ownership and investment in both circuit- and service-level¹² microgrid energy storage projects within the distribution grid to provide multiple-use applications, including microgrid islanding for selected critical public sector facilities;
 - b. A project evaluation and weighting methodology based upon AB 2868 statutory criteria, which SDG&E used to select the seven circuit-level energy storage projects proposed herein, and proposes to use to select future circuit- and service-level AB 2868 energy storage investments;
 - c. An advice letter process for Commission approval of future circuit- and service-level energy storage projects for the remaining AB 2868 capacity amounts not proposed in this application; and

¹⁰ See P.U. Code § 2838.2(b).

¹¹ *Id.*, § 2838.2(c)(1).

¹² Circuit-level refers to assets on distribution circuits, and is used to distinguish service-level facilities, which are facilities on the customer services side of the distribution service transformer.

- d. An SDG&E customer program aimed at accelerating the deployment of distributed energy storage systems behind-the-meter, to be owned by third parties, including customers.
2. Pursuant to the AB 2868 Framework proposed herein, SDG&E requests approval of the cost caps to construct the seven circuit-level energy storage projects totaling 100 MW that will provide distribution resiliency to critical public sector customers in the form of microgrids, as described in the testimony of Steven Prsha.
 3. A revenue requirement of \$284.6 million resulting from the seven circuit-level energy storage projects as described in the testimony of Michael R. Woodruff and James G. Vanderhye Jr.
 4. Pursuant to the AB 2868 Framework proposed herein, SDG&E requests funding approval for a \$2 million Energy Storage Incentive for Expanded CARE Pilot Program (“pilot program”) that will offer incentives to Expanded CARE¹³ facilities to deploy energy storage, as described in the testimony of Mayda Bandy.
 5. A balancing account to record the authorized revenue requirement associated with the seven circuit-level energy storage projects, including energy storage units, operations and maintenance (“O&M”), capital related costs and revenues received from the operation of the resources in the wholesale energy market, with a provision for offsetting project costs with any revenues from the storage projects’ electricity sales into the wholesale energy market, as described in the testimony of Norma G. Jasso.
 6. A balancing account to record the authorized revenue and incentive payments for the pilot program as described in the testimony of Norma G. Jasso.
 7. Rate recovery via Distribution rates for the seven circuit-level energy storage projects, and rate recovery via the Electric Public Purpose Programs (“PPP”) rates for the low-income pilot program.
 8. Because SDG&E plans to seek full capacity deliverability status for the seven circuit-level microgrid energy storage projects, SDG&E requests that to the extent these energy storage projects provide local capacity, that they qualify toward

¹³ California Alternative Rates for Energy (“CARE”) helps low-income residential gas and electric customers afford their utility bills as outlined in P.U. Code § 739.1. P.U. Code § 739.1(h) added nonprofit facilities, where low-income ratepayers reside, to the CARE eligibility criteria (this modification for nonprofits is often referred to as “Expanded CARE,” hence the pilot program’s name). CARE provides a discount of 30-35% off a customer’s total bill for low-income customers with annual household incomes no greater than 200% of the federal poverty guidelines (P.U. Code § 739.1(c)(1)).

SDG&E's remaining Track 4 Local Capacity Requirement as described in the testimony of Jennifer Summers.

9. Approval of SDG&E's 2018 energy storage procurement methodology, including its AB 2514 procurement update, which identifies 6.09 MW of customer-sited remaining procurement to meet SDG&E's AB 2514 target. As SDG&E is already on track to meet its AB 2514 target, SDG&E is not proposing to conduct further procurement within its 2018 solicitation cycle towards its AB 2514 target.

B. Contents of this application

This application includes a summary of the projects, programs, plans and investments for which approval is sought, and the information to satisfy the Commission's procedural and statutory requirements for applications under Articles 2 and 3 of the Commission's rules.

In addition, in support of this application, SDG&E has served concurrently the following prepared direct testimony:

- Overview and policy - Ted Reguly
- AB 2868 Framework - Stephen T Johnston
- AB 2514 solicitation process - Jennifer W. Summers
- AB 2514 procurement targets – Don Balfour
- Project costs - Steven Prsha
- Customer benefits – Evan M. Bierman
- Low-income customer program – Mayda Bandy
- Revenue requirement - Michael R. Woodruff and James G. Vanderhye Jr.
- Regulatory accounts – Norma G. Jasso
- Cost recovery – Kellen C. Gill

Certain portions of the foregoing testimony refer to confidential market information.

Section III below addresses the treatment of such confidential information pursuant to applicable Commission precedent. This application has an executed officer verification as required by Rule

1.11, immediately following the signature page. Finally, stakeholder support for SDG&E's AB 2868 proposal is reflected in the letters in Attachment 1 hereto. SDG&E expects that its proposal will generate additional stakeholder support, following the filing of this application.

II. DESCRIPTION OF PROPOSALS SUBMITTED FOR APPROVAL

AB 2868 requires "the state's three largest electrical corporations to file applications for programs and investments to accelerate the widespread deployment of distributed energy storage systems," as defined.¹⁴ In implementing AB 2868, the Commission, after consulting with the California Air Resources Board and the California Energy Commission, determined that these applications should be incorporated into the existing process and schedule for approving the biennial utility procurement plans.¹⁵ In accordance with this direction, SDG&E has incorporated its proposals for programs and investments for up to approximately 166 MW of distributed energy storage systems into this 2018 Energy Storage Procurement and Investment Plan.

Pursuant to AB 2868 and the Track 2 Decision, SDG&E's proposals aim to accelerate widespread deployment of energy storage systems to achieve ratepayer benefits, reduce dependence on petroleum, meet air quality standards, and reduce GHG emissions. Overall, SDG&E's proposals seek to minimize costs and maximize overall benefits. Increased demand for energy storage technologies will drive new business opportunities and create jobs. For energy storage projects that are either owned or controlled by SDG&E, we will seek to maximize value to ratepayers by providing multiple services.¹⁶ SDG&E's proposed distributed energy

¹⁴ P.U. Code § 2838.2(b).

¹⁵ D.17-04-039 at 19-20.

¹⁶ *See generally* D.18-01-003.

storage programs and investments prioritize public-sector and low-income customers as set forth in AB 2868.

A. The proposals to advance distributed energy storage comply with AB 2868 and are reasonable

SDG&E's AB 2868 Framework proposes the following:

1. SDG&E ownership and investment in both circuit- and service-level microgrid energy storage projects within the distribution grid, which provide multiple-use applications where possible, including microgrid islanding for selected critical public sector facilities;
2. A project evaluation and weighting methodology based upon AB 2868 statutory criteria used to select the seven circuit-level energy storage projects proposed herein, and proposes to use to select future AB 2868 energy storage investments;
3. An advice letter process for Commission approval of future circuit- and service-level energy storage projects for the remaining AB 2868 capacity amounts not proposed in this application; and
4. A low-income customer program aimed at accelerating the deployment of distributed energy storage systems behind-the-meter, to be owned by third parties, including customers.

1. The proposed Framework satisfies AB 2868 objectives

The expected benefits of these proposals are aligned with the goals of AB 2868, namely:

- Maximizing ratepayer benefits, including potential energy market revenues as described in the testimony of Stephen T Johnston and Evan M. Bierman;
- Reducing GHG emissions, as described in the testimony of Evan M. Bierman;
- Meeting air quality standards as described in the testimony of Stephen T Johnston;
- Reducing dependence on petroleum as described in the testimony of Stephen T Johnston;
- Minimizing overall costs, as described in the testimony of Stephen T Johnston and Steven Prsha;

- Prioritizing programs and investments that provide distributed energy storage systems to public sector and low-income customers, as described in the testimony of Ted Reguly, Stephen T Johnston, Steven Prsha and Mayda Bandy; and
- The proposed programs and investments do not unreasonably impair non-utility enterprises to market and deploy energy storage systems, as described in the testimony of Ted Reguly.

2. The specific projects proposed are reasonable

The following describes new investments or programs SDG&E intends to count towards the approximately 166 MW under AB 2868:

a. Circuit-level energy storage microgrid projects

This application proposes seven energy storage projects at the circuit-level¹⁷ that will provide distribution resiliency to critical public sector customers in the form of microgrids. These seven energy storage projects total 100 MW and would count toward SDG&E's AB 2868 procurement target. SDG&E has the duty to provide safe and reliable service to our customers, but the historical method to achieve this is changing. It is imperative for us to provide safe and reliable electricity by considering system resilience in addition to traditional reliability.

SDG&E has identified energy storage projects that not only meet the goals of AB 2868, but also provide near-term distribution resiliency at facilities providing public safety services. The seven proposed circuit-level energy storage projects will be located within existing utility-

¹⁷ Circuit-level storage is expected to serve multiple facilities on a single distribution circuit (*e.g.*, co-located emergency operations center and police or fire stations, a campus, or medical complex, etc.) and be located at a distribution substation; in contrast, service-level storage is expected to serve individual facilities (*e.g.*, a single police or fire station, evacuation center, or Cool Zone) and be located on the secondary distribution system on the customer side of a distribution service transformer.

owned property, and will connect at the 12kV electric distribution voltage and augment the existing 12 kV electric distribution system, allowing critical public sector customer distribution circuits to operate independently, essentially creating self-contained electric distribution systems during outages (*i.e.*, microgrids). Due to their nature as critical load circuit support, these facilities may be controlled and operated as part of the electric distribution system during grid disturbances (such as a substation outage) to provide resiliency to the associated distribution circuit.

SDG&E intends to deploy these projects in 2019 and 2020. The sites SDG&E selected for these projects allow future expansion to increase the energy storage system duration, thereby allowing these energy storage facilities to support critical public sector customer facilities for longer periods of time. SDG&E balanced the need to minimize customer costs and maximize customer benefits as outlined in AB 2868 in the sizing of its seven proposed circuit-level energy storage facilities. SDG&E plans to seek additional future energy storage project approvals as new projects meeting the goals of the statute are identified, some of which may be filed as Tier 3 Advice Letters in the process proposed in Stephen T Johnston's testimony or included in our future 2020 Energy Storage Procurement and Investment Plan.

When operation of a proposed energy storage project is not prioritized to provide distribution resiliency, the proposed project will be bid into the California Independent System Operator ("CAISO") market and generate market revenues. SDG&E plans to seek full capacity deliverability status for these proposed energy storage projects, and to the extent qualified, the projects will serve as Resource Adequacy ("RA") capacity contributing to SDG&E's remaining Track 4 Local Capacity Reliability ("LCR") Requirement as discussed in Jennifer W. Summers's

testimony. SDG&E proposes that any RA capacity credits would be shared amongst the other load serving entities in SDG&E's service territory as described in Evan M. Bierman's testimony.

Serving these multiple applications will maximize ratepayer benefits and minimize costs in accordance with AB 2868, for example, when such energy storage earns market revenue that reduces the energy storage costs. The costs and resiliency benefits of the circuit-level microgrids with energy storage are described in the testimony of Steven Prsha and the benefits of potential CAISO revenues from such storage are described in the testimony of Evan M. Bierman. The regulatory accounting, revenue requirement and cost recovery of these AB 2868 investments are described in the testimony of Noma G. Jasso, Michael R. Woodruff/James G. Vanderhye Jr, and Kellen C. Gill, respectively.

The circuit-level microgrid projects utilizing energy storage will maximize ratepayer benefits through multiple-use applications by providing: distribution resiliency¹⁸ microgrid services, wholesale market revenues, and reduced use of diesel backup generators, thereby reducing dependence on petroleum. The projects will also enable greater renewable integration, and may reduce bulk system load shedding. Finally, microgrids may provide local control and smoothing of intermittent renewables, thus allowing higher overall renewable penetration within

¹⁸ Dep't of Homeland Security, Nat'l Infrastructure Advisory Council, *Final Report and Recommendations* (October 19, 2010) at 5 ("In its simplest form, infrastructure resilience is the ability to reduce the magnitude and/or duration of disruptive events"). Available at: <https://www.dhs.gov/sites/default/files/publications/niac-framework-establishing-resilience-goals-final-report-10-19-10-508.pdf>. Applying the concept to the utility grid, the National Renewable Energy Laboratory ("NREL") states: "For a power system to be resilient, it must be capable of islanding and operating independently from the grid during outages." NREL, *Valuing the Resilience Provided by Solar and Battery Energy Storage Systems* (January 2018) at 1. Available at: <https://www.nrel.gov/docs/fy18osti/70679.pdf>

See also D.16-12-036 at 78, Ordering Paragraph 2.

the electric grid.¹⁹ SDG&E will use available land that is owned by SDG&E or where customers can offer suitable land where possible. All targeted sites are public sector customers. Locations in low-income communities are prioritized in the evaluation. In addition, as described below, the Framework proposes a funding program to assist low-income customers.

b. Service-level microgrids

SDG&E is not proposing or seeking funding for specific service-level energy storage microgrid projects in this 2018 Energy Storage Procurement and Investment Plan. Therefore, no specific project costs or benefits are proposed in this application. However, service-level energy storage microgrid projects are part of SDG&E's AB 2868 Framework as a future proposed use case to accelerate the widespread deployment of energy storage as outlined in AB 2868, and as described in the testimony of Stephen T Johnston. Service-level energy storage microgrid projects are intended for specific critical facilities or priority sites such as cool zones²⁰ or priority municipal buildings on the services side of the distribution service transformer.

The service-level projects will seek to maximize ratepayer benefits through multiple-use applications when possible by providing community resiliency through distribution back-up power, and may aggregate when possible to participate in wholesale energy markets when connected to the grid. Locations in low-income communities will be prioritized in the evaluation. The microgrids may reduce the use of diesel backup generators, reduce dependence on petroleum and enable greater renewable integration for the selected sites. SDG&E will seek

¹⁹ E.g., Cal. Energy Comm'n, Energy Research and Development Division, *Final Report - Microgrid Assessment and Recommendation(s) to Guide Future Investments* (July 2015) at 7. Available at: <http://www.energy.ca.gov/2015publications/CEC-500-2015-071/CEC-500-2015-071.pdf>

²⁰ Cool zones provide shelter for those without air-conditioning during severe heat waves.

to minimize overall costs by using SDG&E right of way or suitable land offered by customers. All currently-targeted sites are public sector customers.

As discussed in the next section, this application asks for approval of an advice letter process for future Commission consideration of any such service-level energy storage projects for the remaining AB 2868 capacity amounts not proposed in this application.

c. Project evaluation and approval of future proposals

The testimony of Stephen T Johnston describes a methodology for evaluating circuit-level and service-level proposals in accordance with the AB 2868 statutory criteria.

To start, SDG&E identified available and suitable SDG&E-owned land for circuit-level microgrids. The circuit-level investments may support larger MW energy storage systems and may be deployed on circuits connecting to multiple candidate critical facilities. This initial analysis for circuit-level investments maximizes ratepayer benefits while minimizing overall costs, by reducing the costs for land acquisition and by serving multiple priority customer facilities with individual projects.

The following matrix of criteria from the testimony of Stephen T Johnston was used to evaluate each candidate project:

AB 2868 Evaluation Table

| AB 2868 Attribute | Reduce GHG Emissions | Integration of Renewables | Reduced Dependence on Petroleum | Air Quality | Public Sector | Low-Income Community | Number of Facilities Served | Can Participate in Markets | Meets Local RA or LCR |
|-----------------------|-------------------------------|--------------------------------------|---------------------------------|---------------------------------------|-------------------|----------------------|-------------------------------------|----------------------------|-----------------------|
| Weight | Approximately 50% | | | | Approximately 20% | | Approximately 30% | | |
| Scoring Method | MW deployable at site (proxy) | Size of Renewable Generation at Site | Critical Facility Load (proxy) | Located in a DAC (proxy) Yes or No | Yes or No | Yes or No | # of facilities served by microgrid | Yes or No | Yes or No |

Figure 1: Evaluation of projects based on criteria representing AB 2868 goals and priorities.

The following describes how the AB 2868 attributes were applied in the evaluation of projects:

- (i) **Reduce GHG Emissions:** For evaluation purposes, this attribute assumes that each MW of energy storage has the ability to reduce GHG emissions irrespective of site or location by i) reducing petroleum-fueled backup generator use at the critical facility or ii) participating in energy markets in a way that reduces GHG emissions as described in the testimony of Evan M. Bierman. For evaluation purposes, larger MW of deployable energy storage are scored higher.
- (ii) **Integration of Renewables:** This attribute prioritizes facilities that have renewable energy generation systems deployed or actively being deployed at the site which would be served by the microgrid. For evaluation purposes, larger MW of renewable generation are scored higher.
- (iii) **Reduced Dependence on Petroleum:** This attribute prioritizes facilities where the microgrid energy storage might offset fossil fuel use and reduce dependence on petroleum for a critical public sector facility. For the purposes of evaluation, facilities with larger critical load which might be otherwise be served by a petroleum-based generator are scored higher.
- (iv) **Air Quality:** This attribute prioritizes facilities where the microgrid energy storage might help meet air quality standards. For this evaluation, SDG&E uses a proxy metric of whether the facility is located in a Disadvantaged Community (“DAC”) location. SDG&E states that this proxy metric is appropriate for evaluating projects for AB 2868 because the statute directs utilities to propose investments and programs for energy storage that meet air quality standards and

that prioritize low-income customers, and these criteria align with how CalEPA identifies DACs.²¹ SDG&E used the top quartile of census tracts as identified by CalEnviroScreen on a utility territory basis²² to determine if the facilities served are located in a DAC area.

- (v) **Public Sector:** This attribute applies if the project is for a public sector customer according to the definition herein.
- (vi) **Low-Income:** This attribute applies if one or more facilities served by the project is located in a low-income community, according to the definition herein.
SDG&E used the AB 1550 map available on the California Air Resource Board website²³ to determine if the facility served is in a low-income community area.
- (vii) **Number of Facilities Served:** This attribute maximizes ratepayer benefit by prioritizing projects where multiple critical facilities can be served by the microgrid, scored relative to the number of critical facilities served.
- (viii) **Asset Participates in Market:** This attribute maximizes ratepayer benefit by prioritizing projects where asset is capable in size, location, and interconnection to participate in energy markets as a stand-alone asset. Energy storage assets that

²¹ California Senate Bill 535, *as codified*, Cal. Health & Safety Code § 39711, directed the California Environmental Protection Agency (“CalEPA”) to identify DACs based on: “(a) Areas disproportionately affected by environmental pollution and other hazards that can lead to negative public health effects, exposure, or environmental degradation. (b) Areas with concentrations of people that are of low-income, high unemployment, low levels of home ownership, high rent burden, sensitive populations, or low levels of educational attainment.”

²² See D.18-01-024 at 6, n. 9, which states: “For the purposes of this decision, DACs are defined as sites in the top quartile of census tracts defined through the most updated version of ... [CaEPA’s] CalEnviroScreen, either on a state-wide or utility territory basis, whichever is broader.”

²³ <https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/communityinvestments.htm>

cannot participate in energy markets as a stand-alone asset may be aggregated, but those are not scored in this metric.

- (ix) **Asset Meets Local RA/LCR:** This attribute minimizes overall costs, as directed by AB 2868, by prioritizing projects where asset meets a RA/LCR criterion to meet multiple regulatory requirements with the deployment of a single asset.

As described in the testimony of Stephen T Johnston and as shown in the AB 2868 Evaluation Table at 12, *supra*, certain factors are given relative weights. Approximately 50% of the weighting for attributes is given to those attributes that align with the goals of AB 2868. These are: reducing GHG emissions, reducing dependence on petroleum, and meeting air quality standards. Integrating renewables is included in the evaluation as it was stated as a guiding principal in D.14-10-045.²⁴ Approximately 20% of such weighting is given to the priority customers stated in AB 2868, namely public sector and low-income. Approximately 30% of the weighting is given to attributes that maximize ratepayer benefits, namely the number of facilities served by the microgrid, whether the energy storage asset can participate in energy markets to generate revenues as a standalone asset, and whether the energy storage asset meets an RA/LCR need.

SDG&E plans to seek future energy storage project approvals as projects meeting the goals of the statute are identified, some of which may be filed as Tier 3 Advice Letters in the process proposed in Stephen T Johnston's testimony or included in our future 2020 Energy Storage Procurement and Investment Plan.

²⁴ See D.17-04-039 at 5.

d. The incentive program for low-income customers is reasonable

This application proposes an Energy Storage Incentive for Expanded CARE Pilot Program (“pilot program”) designed to provide incentives to Expanded CARE customers who purchase energy storage to permanently shift load during peak periods. Expanded CARE facilities include transitional housing (drug rehabilitation, half-way house), short or long-term care facilities (hospice, nursing homes, children’s and seniors’ homes), group homes for physically or mentally disabled persons, or other nonprofit group living facilities. The pilot program is designed to complement and serve participants of the California Solar Initiative Multifamily Affordable Solar Housing (“MASH”) program²⁵ and Solar on Multifamily Affordable Housing (“SOMAH”) program.²⁶ The pilot program is described in the testimony of Mayda Bandy. Because this pilot program is intended to provide benefits to Expanded CARE low-income customers, SDG&E proposes to seek program cost recovery through the PPP rate component.

3. The rates and funding mechanism for the proposed projects are reasonable.

The testimony of Steven Prsha describes the projected costs of the seven proposed circuit-level projects and associated cost caps to construct these projects. As described in the

²⁵ The MASH program is an incentive for solar distributed generation designed for qualifying affordable housing, as defined in P.U. Code § 2852. MASH was designed to cover a substantial amount of the costs of installing solar. D.08-10-036 and D.15-01-027 implemented the statutory program criteria and funding. The MASH program is now closed to new participants. D.17-12-022 established SOMAH as a successor program.

²⁶ The SOMAH program is a solar distributed generation project incentive for multi-family affordable housing sites designed to ensure benefits from solar generation especially bill credits are received by tenants. SOMAH was established by AB 693 and implemented by D.17-12-022. SOMAH is funded with GHG allowances from the utilities. SOMAH is a successor program to MASH with different funding sources, rules and eligibility.

testimony of Michael R. Woodruff and James G. Vanderhye Jr., these costs yield a revenue requirement of \$284.6 million.

Because the proposed energy storage projects would augment SDG&E's distribution system, and their primary purpose and function is to provide distribution resiliency to distribution circuits, their costs should be recovered in Distribution rates the same way as other SDG&E distribution system assets. However, as discussed in Norma G. Jasso's testimony, SDG&E proposes a new mechanism to capture any CAISO market revenues earned by the proposed projects when they are not prioritized to provide distribution resiliency, and to use those revenues to offset the costs of the proposed projects which will be borne by distribution customers. This mechanism allows the actual CAISO market revenues of such projects to flow to the same set of customers paying for the distribution resiliency service.

B. AB 2514 plan shows that SDG&E is close to hitting its target

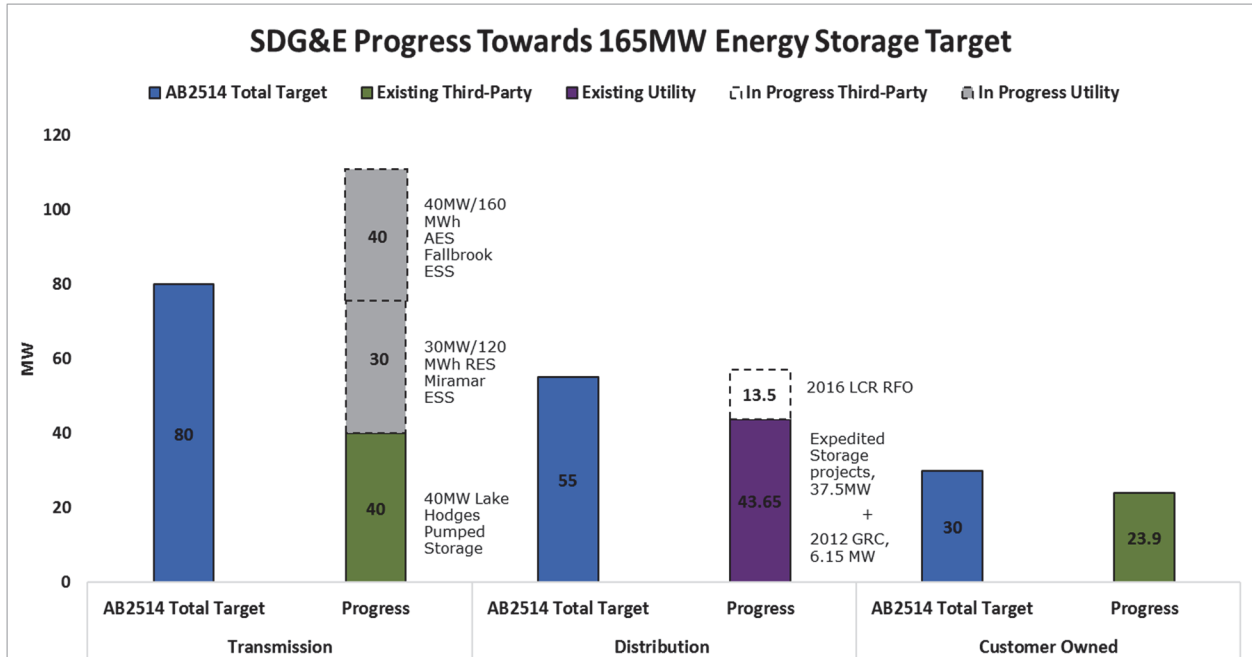
Starting with this application, the Track 2 Decision requires SDG&E to combine its procurement plan for energy storage procurement within the same application as its required AB 2868 proposal, described in section A. above.²⁷ Pursuant to the requirement to provide a biennial solicitation cycle update in 2018, this application also describes SDG&E's progress towards its AB 2514 target of 165 MW. SDG&E will have substantially met its AB 2514 target by 2020 based on: previously approved energy storage projects; projects procured since SDG&E's 2016 biennial solicitation update; and energy storage projects pending approval in SDG&E's 2016 Track 4 Preferred Resources Local Capacity Reliability Request for Offers ("Preferred Resources LCR RFO") application.²⁸ Don Balfour's testimony provides further details on

²⁷ D.17-04-039 at 19-20.

²⁸ A.17-04-017.

SDG&E’s energy storage procurement pursuant to AB 2514. As SDG&E is already on track to meet its AB 2514 target, this application is not proposing to conduct further procurement within its 2018 solicitation cycle towards its AB 2514 target. The table below outlines SDG&E’s progress toward AB 2514, by domain - transmission, distribution and customer:

Table TR-1³⁰



SDG&E requests approval of its 2018 Energy Storage and Procurement Plan, including its AB 2514 procurement update, which identifies 6.09 MW of customer-sited remaining procurement to meet SDG&E’s AB 2514 target. As SDG&E is already on track to meet its AB 2514 target, SDG&E is not proposing to conduct further procurement within its 2018 solicitation cycle towards its AB 2514 target.

²⁹ Ted Reguly’s testimony, Table TR-1. The domains are as defined in D.18-01-003 at 10 (Table 1).

³⁰ In accordance with D.13-10-040, SDG&E’s storage projects will not exceed 50 percent of the cumulative procurement target across all three grid domains.

III. OTHER ISSUES

SDG&E will comply with the reporting requirements defined in D.17-04-039. This application also includes the following information required by D.13-10-040, Appendix A - Energy Storage Procurement Framework and Design Program:

- Attachment 2 – Report on All Storage Resources Procured to Date in Commission Proceedings
- Attachment 3 – List of Applicable Statutes and Rules that May Impact Energy Storage Procurement

IV. STATUTORY AND PROCEDURAL REQUIREMENTS

A. Rule 2.1 (a) – (c)

Pursuant to Rule 2.1 (a) – (c), SDG&E provides the following information:

1. Rule 2.1 (a) - Legal Name

SDG&E is a corporation organized and existing under the laws of the State of California. SDG&E is engaged in the business of providing electric service in a portion of Orange County and electric and gas service in San Diego County. SDG&E's principal place of business is 8330 Century Park Court, San Diego, California 92123. SDG&E's attorney in this matter is E. Gregory Barnes.

2. Rule 2.1 (b) - Correspondence

Correspondence or communications regarding this application should be addressed to:

E. Gregory Barnes
Attorney
San Diego Gas & Electric Company
8330 Century Park Court, CP32D
San Diego, California 92123
Telephone: (858) 654-1583
Facsimile: (619) 699-5027
Email: gbarnes@semprautilities.com

Jennifer Wright
Regulatory Case Manager
San Diego Gas & Electric Company
8330 Century Park Court, CP 32
San Diego, California 92123
Telephone: (858) 654-1891
Facsimile: (858) 654-1879
Email: JWright@semprautilities.com

3. Rule 2.1 (a)-(c)

Pursuant to Rules 2.1(a) – (c), SDG&E provides the following information:

a. Proposed Category of Proceeding

Pursuant to Rule 7.1, SDG&E requests that this application be categorized as ratesetting as defined in Rule 1.3(f), because it is the most appropriate of the available categories.

b. Need for Hearings

SDG&E submits that the need for evidentiary hearings on this application, and the issues to be considered in such hearings, will depend in large part on the degree to which other parties contest the application, and the extent to which the issues raised may require cross-examination of witnesses. The need for hearings will ultimately be determined by the assigned Administrative Law Judge(s).

c. Issues to be considered, including relevant safety considerations

The issues to be considered, as described in this application and the supporting testimony, are whether the Commission should approve SDG&E 2018 2018 Energy Storage Procurement and Investment Plan as in the public interest, including safety implications as discussed in the testimony of Steven Prsha.

d. Proposed Schedule

SDG&E is using utility-owned land and existing infrastructure, which allows construction in an expedited timeframe so that these energy storage microgrid projects can provide distribution resiliency to critical public sector facilities in 2019. Therefore, we request that the Commission review these projects expeditiously and approve in a timely manner. Accordingly, SDG&E proposes the following schedule:

| ACTION | DATE |
|---|---|
| Application filed | February 28, 2018 |
| Protests or Responses/Replies filed | +30 days from Daily Calendar /+15 days |
| Prehearing conference | April 2018 |
| Parties' comments (testimony if needed) | June 1, 2018 |
| Reply Comments (rebuttal testimony if needed) | July 20, 2018 |
| Discovery cutoff | August 17, 2018 |
| Evidentiary hearings (if needed) | August 27-28, 2018 |
| Concurrent opening briefs | September 21, 2018 |
| Concurrent reply briefs | October 9, 2018 |
| Proposed decision | November 2018 |
| Commission decision | December 2018 |

B. Rule 2.2 – Articles of Incorporation

A copy of SDG&E's Restated Articles of Incorporation as last amended, presently in effect and certified by the California Secretary of State, was filed with the Commission on September 10, 2014 in connection with SDG&E's Application No. 14-09-008, and is incorporated herein by reference.

C. Rule 3.2 (a) – (d) – Authority to Increase Rates

Pursuant to Rules 3.2 (a) – (d), SDG&E provides the following information:

1. Rule 3.2 (a) (1) – balance sheet

SDG&E's financial statement, balance sheet and income statement for the nine-month period ending September 30, 2017 are included with this application as Attachment A.

2. Rule 3.2 (a) (2) – statement of effective rates

A statement of all of SDG&E's presently effective electric rates can be viewed electronically on SDG&E's website. Attachment B to this application provides the table of contents from SDG&E's electric tariffs on file with the Commission.

3. Rule 3.2 (a) (3) – statement of proposed increases

A statement of proposed rate increases is attached as Attachment C.

4. Rule 3.2 (a) (4) – description of property and equipment

Applicant’s original cost of utility plant, together with the related reserves for depreciation and amortization for the nine-month period ending September 30, 2017, is shown on the statement of Original Cost and Depreciation Reserve attached as Attachment D.

5. Rule 3.2 (a) (5) and (6) – summary of earnings

A summary of SDG&E’s earnings (for the total utility operations for the company) for the nine-month period ending September 30, 2017, is included as Attachment E to this application.

6. Rule 3.2 (a) (7) – statement re tax depreciation

For financial statement purposes, depreciation of utility plant has been computed on a straight-line remaining life basis, at rates based on the estimated useful lives of plan properties. For federal income tax accrual purposes, SDG&E generally computes depreciation using the straight-line method for tax property additions prior to 1954, and liberalized depreciation, which includes Class Life and Asset Depreciation Range Systems, on tax property additions after 1954 and prior to 1981. For financial reporting and rate-fixing purposes, “flow through accounting” has been adopted for such properties. For tax property additions in years 1981 through 1986, SDG&E has computed its tax depreciation using the Accelerated Cost Recovery System. For years after 1986, SDG&E has computed its tax depreciation using the Modified Accelerated Cost Recovery Systems and, since 1982, has normalized the effects of the depreciation differences in accordance with the Economic Recovery Tax Act of 1981 and the Tax Reform Act of 1986.

7. Rule 3.2 (a) (8) – proxy statement

A copy of the most recent proxy statement sent to all shareholders of SDG&E’s parent company, Sempra Energy, dated March 24, 2017, was mailed to the Commission on April 10, 2017, and is incorporated herein by reference.

8. Rule 3.2 (a) (10) – statement re pass through to customers

The rate changes that SDG&E seeks in this Application reflect estimated costs to SDG&E, and SDG&E proposes to pass through to customers only costs that SDG&E incurs for the proposed projects and customer programs. SDG&E also proposes to credit distribution customers with any market revenues earned by the proposed projects.

9. Rule 3.2 (b) – notice to state, cities and counties

In compliance with Rule 3.2 (b), SDG&E will, within twenty days after the filing this application, mail a notice to the State of California and to the cities and counties in its service territory and to all those persons listed in Attachment F to this application.

10. Rule 3.2 (c) – newspaper publication

In compliance with Rule 3.2 (c), SDG&E, within twenty days after the filing of this application, will post in its offices and publish in newspapers of general circulation in each county in its service territory notice of this application.

11. Rule 3.2 (d) – bill insert notice

In compliance with Rule 3.2 (d), SDG&E, within 45 days of the filing of this application, will provide notice of this application to all of its customers along with the regular bills sent to those customers that will generally describe the proposed revenue requirement changes addressed in this application.

V. CONFIDENTIAL INFORMATION

SDG&E is submitting the testimony supporting this application in both public (redacted) and non-public (unredacted and confidential) versions, consistent with SDG&E's declaration of confidential treatment attached to certain of the testimony supporting this application, and submitted in conformance with D.17-09-023. Confidential treatment and redaction of such information is necessary in this proceeding to protect from inappropriate disclosure of confidential, commercially-sensitive information that SDG&E witnesses must identify to support this application.

VI. SERVICE

This is a new application. No service list has been established. Accordingly, SDG&E will serve this application on all parties to the service lists of R.15-03-011, A.17-04-017, and A.16-03-003. Hard copies will be sent by overnight mail to the Assigned Commissioner in R.15-03-011, and to interim Chief Administrative Law Judge Anne Simon.

VII. CONCLUSION AND SPECIFIC REQUEST FOR RELIEF

For all the foregoing reasons and those set forth in the direct testimony served in conjunction with the filing of this application and other testimony eventually received into the record, SDG&E respectfully requests that the Commission approve this application in all respects. Specifically, in accordance with the foregoing proposed schedule, SDG&E requests the following specific relief:

1. approval of the AB 2868 Framework proposed herein;
2. approval of the seven proposed energy storage projects proposed herein, the associated cost caps to construct these projects, and a revenue requirement of \$284.6 million;
3. funding approval of the \$2 million pilot program proposed herein;

4. approval of the proposed regulatory accounting and cost recovery for the projects and programs proposed herein;
5. approval of SDG&E's AB 2514 compliance plan proposed herein, and
- g. granting such other relief as is necessary and proper to give effect to the proposals in this application.

Respectfully submitted,

/s/ E. Gregory Barnes

E. Gregory Barnes

Attorney for

SAN DIEGO GAS & ELECTRIC COMPANY

8330 Century Park Court, 2nd Floor

San Diego, CA 92123

Telephone: (858) 654-1583

Facsimile: (619) 699-5027

Email: gbarnes@semprautilities.com

February 28, 2018

OFFICER VERIFICATION

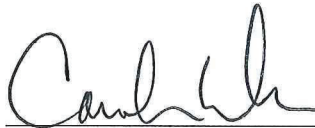
I, Caroline A. Winn, declare the following:

I am the Chief Operating Officer of San Diego Gas & Electric Company and am authorized to make this verification on its behalf. I am informed and believe that the matters stated in the **APPLICATION OF SAN DIEGO GAS & ELECTRIC COMPANY (U 902-E) FOR APPROVAL OF ITS 2018 ENERGY STORAGE PROCUREMENT AND INVESTMENT PLAN** are true to my own knowledge, except as to matters which are therein stated on information and belief, and as to those matters I believe them to be true.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed this 28th day of February 2018 at San Diego, California.

By:



Caroline A. Winn
Chief Operating Officer
San Diego Gas & Electric Company

ATTACHMENT 1

LETTERS OF STAKEHOLDER SUPPORT

1. City of San Diego
2. San Diego County Air Pollution Control District
3. San Diego North Economic Development Council
4. Low-Income Oversight Board
5. City of Chula Vista
6. City of Vista
7. CONNECT
8. County of San Diego
9. Federal Aviation Administration
10. Promises2Kids
11. Cleantech San Diego
12. Marine Corps Air Station Miramar
13. San Diego Unified Port District
14. San Diego County Sheriff's Department
15. University of California, San Diego



KEVIN L. FAULCONER

MAYOR

January 31, 2018

Mr. Ted Reguly
Director, Growth & Technology Integration
San Diego Gas & Electric (SDG&E)
8315 Century Park Court
San Diego, CA 92123

Reference: AB2868 Energy Storage Investment Programs Application Letter of Support

Dear Mr. Reguly:

On behalf of the City of San Diego (City), I am pleased to offer my support for SDG&E's AB 2868 Energy Storage Investment and Programs Application to the California Public Utilities Commission. AB 2868 directed the three largest electrical corporations, including SDG&E, to file applications for programs and investments to accelerate widespread deployment of distributed energy storage systems to achieve ratepayer benefits, reduce dependence on petroleum, meet air quality standards, and reduce GHG emissions. These goals align with the City's Climate Action Plan, which calls for eliminating half of all greenhouse gas emissions and aims for all electricity to be from renewable sources by 2035.

The four projects identified in the application within City boundaries (Kearny Substation, Clairemont Substation, Paradise Substation, and Elliot Substation) will provide resiliency to the City's Metropolitan Operations Center; Balboa Branch Library (Cool Zone); Fire Stations 36, 39, and 51; Southeast Division Police Department; and Tierrasanta Library.

I appreciate your leadership in submitting SDG&E's AB 2868 Energy Storage Investment and Programs Application to the California Public Utilities Commission.

Sincerely,

Kevin L. Faulconer
Mayor



Page 2
Mr. Ted Reguly

January 31, 2018

FO/jc

cc: Aimee Faucett, Chief of Staff, Office of the Mayor
Scott Chadwick, Chief Operating Officer
Stacey LoMedico, Assistant Chief Operating Officer
Paz Gomez, Deputy Chief Operating Officer, Infrastructure/Public Works
Almis Udrys, Deputy Chief of Staff, Office of the Mayor
Alejandra Gavaldon, Director of Infrastructure & Water Policy, Office of the Mayor
Mario X. Sierra, Director, Environmental Services Department
Vic Bienes, Director, Public Utilities Department
Fritz Ortlieb, Deputy City Attorney, Office of the City Attorney
Jack Clark, Deputy Director, Environmental Services Department



Air Pollution Control Board

| | |
|----------------|------------|
| Greg Cox | District 1 |
| Dianne Jacob | District 2 |
| Kristin Gaspar | District 3 |
| Ron Roberts | District 4 |
| Bill Horn | District 5 |

February 28, 2018

Ted Reguly
Director – Growth & Technology Integration
San Diego Gas & Electric
8315 Century Park Court
San Diego, CA 92123

Re: SDG&E Energy Storage Investment and Programs Application

Dear Mr. Reguly:

The San Diego County Air Pollution Control District is pleased to support San Diego Gas & Electric's (SDG&E) Energy Storage Investment and Programs application to the California Public Utilities Commission, per AB 2868 (2016). The application aligns with the APCD's efforts to reduce ozone-forming emissions and other pollutants, and with state and local greenhouse gas reduction goals.

AB 2868 directed the three largest electrical corporations, including SDG&E, to file applications for programs and investments to accelerate the widespread deployment of distributed energy storage systems to achieve ratepayer benefits, reduce dependence on petroleum, help meet air quality standards, and reduce emissions of greenhouse gases.

The application, if approved, would provide battery storage at key locations throughout the region, decreasing the need for backup up fossil fuel generation during outages or peak load periods when renewable energy is not available. The energy storage facilities could also be called upon during periods of high winds when long-distance grid power may be cut to reduce the chance of electric lines breaking away and starting heavily polluting and destructive wildfires.

Please contact Andy Hamilton (858-586-2641; andy.hamilton@sdcounty.ca.gov) with any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Robert J. Kard'.

ROBERT J. KARD
Air Pollution Control Officer

RJK:ah



February 26, 2018

Ted Reguly
Director – Growth & Technology Integration
San Diego Gas & Electric
8315 Century Park Court
San Diego, CA 92123

Dear Mr. Reguly,

The San Diego North Economic Development Council (SDNEDC) is pleased to provide this initial Letter of Support which acknowledges our organization's staff support of San Diego Gas & Electric's (SDG&E) Assembly Bill (AB) 2868 Energy Storage Investment and Programs application (AB 2868 Application). The application submitted by SDG&E promises to reduce greenhouse house gas emissions in North County San Diego in a way that will encourage innovation in the energy sector while minimizing impacts on rate holders. We anticipate bringing this issue before our board of directors in either March or April to finalize this position.

AB 2868 directed the three largest electrical corporations (which includes SDG&E) to file applications for programs and investments to accelerate the widespread deployment of distributed energy storage systems to achieve ratepayer benefits, reduce dependence on petroleum, meet air quality standards, and reduce emissions of greenhouse gases. SDG&E's AB 2868 application not only meets the goals of AB 2868, but also will help numerous public and private partners develop more resilient energy systems through the development of micro-grids, energy storage facilities, and distributed energy systems that serve more than one customer.

In recent years, several firms have developed energy storage systems throughout San Diego's North County. These projects create employment opportunities for both skilled construction workers as well as encourage storage-technology innovation. We see the AB 2868 application filed by SDG&E furthering that trend. Given both these economic development benefits as well as how the application will help the state and the region meet important environmental goals, the SEDNEDC staff will recommend support to the full board of directors when the issue comes before them.

Sincerely,

A handwritten signature in black ink, appearing to read "W. Erik Bruvold", written over a white background.

W. Erik Bruvold
Chief Executive Officer

February 23, 2018

Ted Reguly
Director – Growth & Technology Integration
San Diego Gas & Electric
8315 Century Park Court
San Diego, CA 92123

Dear Mr. Reguly,

I am pleased to provide this Letter of Support for the San Diego Gas & Electric's (SDG&E) Assembly Bill (AB) 2868 Energy Storage Investment and Programs application (AB 2868 Application) in particular the Energy Storage for Expanded CARE pilot program. The proposal aligns with the initiatives and priorities of the CPUC's Low-Income Oversight Board. The focus on Expanded CARE nonprofits which include multifamily facilities is especially timely in light of the efforts with the Multifamily Working Group and the focus on multifamily statewide.

Nearly 50% of low-income California residents reside in multifamily housing and the Commission is working hard and long to put forward energy solutions that reduce the burden to these households while addressing the legislative standards that have been established. I believe that SDG&E's Expanded CARE pilot program does just that.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Castaneda", with a long horizontal stroke extending to the right.

Robert Castaneda
Low Income Oversight Board, Chairman
108 West F Street, Suite 100
San Diego, CA 92101



Economic Development Department

February, 22, 2018

Mr. Ted Reguly
Director- Growth & Technology Integration
San Diego Gas And Electric
8315 Century Park Court
San Diego, CA 92123

Dear Mr. Reguly,


The City of Chula Vista is pleased to provide this letter of support for San Diego Gas & Electric's (SDG&E) Assembly Bill (AB) 2868 Energy Storage Investment and Programs (AB 2868) Application.

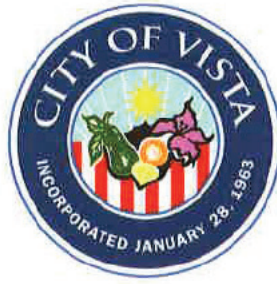
AB 2868 directs SDG&E and other investor owned utilities in the State of California to file applications for programs and investments to accelerate widespread deployment of distributed energy storage systems which we feel will help reduce dependence on petroleum reduce greenhouse gas emissions and improve air quality standards in our city and the region at large. AB 2868 provides an opportunity to maximize ratepayer benefits and minimize costs while also advancing the use of clean renewable energy. We are confident that SDG&E's initiatives will offer many benefits to the City, its residents and the region.

The City of Chula Vista is a recognized leader in fighting climate change and has a deep interest in supporting initiatives that advance the use of renewable energy and reduce greenhouse gas emissions within the community. The City recently adopted the 2017 Climate Action Plan (CAP) continuing Chula Vista's tradition as a nationally-recognized leader in addressing the local threat of climate change by reducing greenhouse gas emissions and lowering Chula Vista's vulnerability to expected climate change impacts. The 2017 CAP calls for specific actions and provides a path for City leaders, residents, businesses and community partners to work together on innovative solutions aimed at reducing greenhouse gas emissions. AB 2868 will help boost these efforts in our region.

The City of Chula Vista has been a long-time partner of SDG&E collaborating on many energy efficiency, renewable energy, and community engagement projects and programs. Through this partnership we have developed a strong working relationship and are looking forward to continuing to work together in our community. We strongly support SDG&E's Energy Storage Investment and Programs (AB 2868) Application.

Sincerely,


Dennis Gakunga
Chief Sustainability Officer
City of Chula Vista



February 20, 1028

**MAYOR &
CITY COUNCIL**

Judy Ritter
Mayor

John Aguilera
Deputy Mayor

John B. Franklin
Councilmember

Amanda Rigby
Councilmember

Joe Green
Councilmember

CITY MANAGER

Patrick Johnson

Ted Reguly
Director – Growth & Technology Integration
San Diego Gas & Electric
8315 Century Park Court
San Diego, CA 92123

Dear Mr. Reguly,

The City of Vista (the City) is pleased to provide this Letter of Support for San Diego Gas & Electric's (SDG&E) Assembly Bill (AB) 2868 Energy Storage Investment and Programs application (AB 2868 Application). This Application is in direct support of the City's adopted Climate Action Plan (CAP), which aims to support the reduction of greenhouse gases across a variety of measures.

Working in partnership with SDG&E to identify critical public-sector sites ideal for energy storage, the City fully supports the proposed 20 MW energy storage project at SDG&E's Melrose Substation. Not only will this project support critical infrastructure and provide resiliency to the City's Civic Center, Fire Station 6, Vista Courthouse, San Diego County Sheriff's Department, Vista Detention Facility and Vista Library Cool Zone, but this project will help reduce dependence on petroleum and reduce emissions of greenhouse gases by decreasing the need for backup up diesel generation sometimes used to keep these facilities running during an outage.

We are pleased to see the efforts SDG&E has made to assist other government agencies within our boundaries by directly supporting the California Highway Patrol, the County of San Diego Office of Emergency Services, and the San Diego County Sheriff's Department as part of projects hosted in San Diego. While we know Vista isn't the largest City in SDG&E's service area – we are a diverse community – and one just as worthy of these innovative technologies as other larger cities.

AB 2868 directed the three largest electrical corporations (which includes SDG&E) to file applications for programs and investments to accelerate the widespread deployment of distributed energy storage systems to achieve ratepayer benefits, reduce dependence on petroleum, meet air quality standards, and reduce emissions of greenhouse gases. **These goals directly align with the City's Climate Action Plan (CAP) goals.** SDG&E's AB 2868 Application not only meets the goals of AB 2868, but also helps the City achieve its CAP goals by using energy storage to displace diesel backup generation thereby reducing greenhouse gas emissions, and integrating higher levels of renewables by acting like a sponge, and soaking up and storing energy when it is abundant – when the sun is shining, the wind is blowing and energy use is low – and releasing it when energy resources are in high demand.

Ted Reguly
Director – Growth & Technology Integration
San Diego Gas & Electric
February 20, 2018
Page 2

The City has long partnered with SDG&E on many projects, including this energy storage project proposed in SDG&E's AB 2868 Application, and intends to continue to work with SDG&E on additional potential projects which would support additional filings as part of SDG&E's AB 2868 application. Due to the ever-worsening wildfire risks and hazards that continue to be a threat to San Diego, the need for critical infrastructure resiliency is now. Accordingly, the City supports SDG&E's request to have the Melrose Substation energy storage project online by 2019. Additionally, as the Melrose Substation property is located in a high-traffic area of the City, we are pleased for the additional landscaping and beautification measures SDG&E has included in the scope of this proposed project to help the project blend in with our charming community.

Sincerely,

A handwritten signature in cursive script that reads "Judy Ritter".

Judy Ritter
Mayor

February 21st, 2018

Ted Reguly
Director – Growth & Technology Integration
San Diego Gas & Electric
8315 Century Park Court
San Diego, CA 92123

Re: Support of SDG&E AB 2862 – Energy Storage Investment and Programs Application

Dear Mr. Reguly,

On behalf of CONNECT, a regional program that catalyzes the creation of innovative technology and life sciences companies in San Diego, I am writing to you in support of San Diego Gas & Electric's (SDG&E) Assembly Bill (AB) 2868 Energy Storage Investment and Programs (AB 2868) Application.

Since 1985, CONNECT has assisted in the formation and development of more than 3,000 companies. The leadership of CONNECT attributes its success to the unique culture of collaboration between industry, capital sources, professional service providers and research organizations that CONNECT has sought to foster in the region.

AB 2868 directed the three largest electrical corporations to file applications for programs and investments to accelerate the widespread deployment of distributed energy storage systems to achieve ratepayer benefits, reduce dependence on petroleum, meet air quality standards, and reduce emissions of greenhouse gases.

The CONNECT has long partnered with SDG&E helping to create and scale great innovation companies through access to the resources that entrepreneurs and growing companies need most – people, capital and technology.

This proposal supports California's objectives to address climate change, clean our air, and boosts our economy and has the full support of CONNECT.

Sincerely,



Greg McKee
President and CEO



County of San Diego

MARKO MEDVED, P.E., CEM
DIRECTOR
PHONE 858-694-2527
FAX 858-467-9283

LOU CAVAGNARO, P.E.
ASSISTANT DIRECTOR
PHONE 858-694-3885
FAX 858-467-9283

DEPARTMENT of GENERAL SERVICES
5560 OVERLAND AVENUE, SUITE 410, SAN DIEGO, CA 92123

Ted Reguly
Director – Growth & Technology Integration
San Diego Gas & Electric
8315 Century Park Court
San Diego, CA 92123

Dear Mr. Reguly,

The County of San Diego is pleased to provide this letter acknowledging our support of San Diego Gas & Electric's (SDG&E) Assembly Bill (AB) 2868 Energy Storage Investment and Programs application (AB 2868 Application).

The County of San Diego supports integration of battery storage into the service area as soon as is feasible. In addition, we specifically support the planned installation of a battery storage system at the Kearny Mesa Substation which would also serve as a back-up power source for the County's Operations Center.

SDG&E's AB 2868 Application helps the County of San Diego achieve its goals by using battery energy storage to displace fossil fuel backup generation, thereby reducing greenhouse gas emissions and the risks associated with outages.

The County has long partnered with SDG&E on many projects and intends to continue to work with SDG&E on additional potential projects which would support additional filings as part of SDG&E's AB 2868 application.

Sincerely,



2/16/18

Charley Marchesano, Chief
Energy and Sustainability Division
Department of General Services
County of San Diego



Federal Aviation Administration

Ted Reguly
Director of Growth and Technology Integration
San Diego Gas & Electric
8326 Century Park Court
Mail Stop CP11B
San Diego, CA 92123

Dear Mr. Reguly

The Federal Aviation Administration (FAA) looks forward to working with you to install a battery storage system at the Southern California TRACON (SCT) as part of your AB2868 efforts to meet California State policy goals. We are writing to encourage you to take every opportunity to include this battery system at SCT into your long term planning efforts. I will work with my staff to make sure we do everything we can to obtain the proper authorization to move forward from our end.

The Southern California TRACON serves airports in Southern California and guides about 2.2 million planes each year. A TRACON provides air traffic approach control services to all arriving and departing aircraft in the Southern California area. Airports receiving SCT services include Burbank Airport, John Wayne Airport, Los Angeles International Airport, Long Beach Airport, March AFB, MCAS Miramar, NAS North Island, Ontario Airport, San Diego International Airport, Van Nuys Airport and many smaller airports that service general aviation. SCT is a critical link in moving both people and supplies into Southern California.

The addition of a grid battery storage system located at SCT will increase the ability of the FAA to provide Air Traffic Control Service in a time of emergency, will reduce our use of engine generators and hence reduce greenhouse gas emissions and help better integrate our solar system as part of a long term backup power system.

We are hopeful that you can obtain permission to proceed into the next phase. My staff is looking forward to working with you to take full advantage of this singular opportunity to improve not only our ability to make the skies safer but also to take part in the important work you are doing to update our utility grid system.

Sincerely,

A handwritten signature in black ink, appearing to read "Josh Weddington".

Josh Weddington
Southern California Terminal Radar Approach Control Environmental SSC Manager



P R O M I S E S 2 K I D S

February 9, 2018

Ted Reguly, Director, Growth & Technology Integration
TReguly@semprautilities.com
San Diego Gas & Electric
8315 Century Park Court, San Diego, CA 92123

RE: Letter of Support – AB2868

Mr. Reguly:

Promises2Kids, co-located with the Polinsky Children's Center, is pleased to express support of San Diego Gas & Electric's (SDG&E) Assembly Bill (AB) 2868 Energy Storage Investment and Programs application (AB 2868 Application).

With the year-round threat of wildfires in California, the need for critical infrastructure resiliency is very important. The Circuit Level Microgrid in Kearny Mesa Substation Master Plan Project near our facility would increase resiliency to multiple public-sector facilities that provide safety, security and emergency services, and serve connected facilities during local outages.

Promises2Kids raised the money to build the Polinsky Children's Center, an emergency shelter for children removed from their homes due to abuse and neglect, so that children who have experienced severe trauma have a place, 24 hours a day, 7 days a week, to feel safe and well taken care of while they begin the process of healing. Ensuring their safety and security while they reside at the Center is of utmost importance.

Please let us know if you have any questions or need further information.

Sincerely,



Tonya Torosian, MSW, CFRE
Chief Executive Officer



2159 INDIA STREET
SUITE 200
SAN DIEGO, CA 92101
858-568-7777

cleantechsandiego.org

MISSION:

To accelerate
clean technology
innovation and
adoption of sustainable
business practices
for the benefit of
the economy and
the environment

February 16, 2018

Mr. Ted Reguly
Director – Growth & Technology Integration
San Diego Gas & Electric
8315 Century Park Court
San Diego, CA 92123

Dear Mr. Reguly:

On behalf of Cleantech San Diego, please accept this letter as one of support for San Diego Gas & Electric's (SDG&E) Assembly Bill (AB) 2868 Energy Storage Investment and Programs (AB 2868) Application.

AB 2868 directed the three largest investor owned utilities in California, including SDG&E, to file applications for programs and investments to accelerate the widespread deployment of distributed energy storage systems to achieve ratepayer benefits, reduce dependence on petroleum, meet air quality standards, and reduce emissions of greenhouse gases. Cleantech San Diego fully supports opportunities to increase distributed energy storage, harnessing the power of clean energy while providing increased reliability on the electric grid.

Cleantech San Diego is a member-based trade organization that works to position the San Diego region as a global leader in the clean energy and clean technology economy. Our members include renewable energy and energy storage developers who are well positioned to support the increase in distributed energy storage projects in the San Diego region by building and deploying their technologies.

Cleantech San Diego has been a long-time partner of SDG&E, collaborating on Smart Cities San Diego, clean transportation, advanced energy technologies, and more. Through these partnerships, Cleantech San Diego has seen the impressive results garnered by SDG&E, including building the nation's largest lithium ion battery storage facility in Escondido, CA. As SDG&E continues to build one of the safest and most reliable grids in the nation, Cleantech San Diego is supportive of projects like AB 2868, which will increase clean energy in our region while boosting our regional economy.

Sincerely,

A handwritten signature in black ink, appearing to read "Jason Anderson". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jason Anderson
President and CEO

December 22, 2017

San Diego Gas & Electric
8326 Century Park Court, Mail Stop CP11B
San Diego, CA 92123

Attention: Ted Reguly, Director of Growth and Technology Integration

Ladies and Gentlemen:

This letter expresses MCAS Miramar's interest in San Diego Gas and Electric's (SDG&E) filings for AB2868. We believe there are many unique and beneficial opportunities for the strategic use of energy storage technologies at MCAS Miramar behind the meter.

We believe there may be an opportunity to explore multiple legal acquisition vehicles for energy storage on MCAS Miramar property which would provide benefit to both SDG&E and MCAS Miramar. The benefits of this energy storage would include increased power quality and assurance within our microgrid, utility bill savings, and energy resiliency.

The details of this opportunity are not yet defined and this is subject to review by MCAS Miramar. All actions will comply with regulations set forth by the Marine Corps and the federal government. This letter is not a binding commitment from MCAS Miramar and should not be interpreted as such.

This opportunity is appropriate for AB2868 because MCAS Miramar can enhance renewable integration into both the microgrid and the local grid, while also reducing diesel generation usage. Additionally, the project will further enable MCAS Miramar to support the community in a time of need a while saving tax payer dollars on the utility bill.

My POC for this effort is: Mick Wasco, Installation Energy Manager, mick.wasco@usmc.mil, (858) 577-6150.

Sincerely,

Handwritten signature of T. D. Brinkman in black ink, followed by the text "LCDR, CEC, USN" in a smaller font.

T. D. BRINKMAN
Public Works Officer
MCAS Miramar



February 27, 2018

Mr. Ted Reguly
Director – Growth & Technology Integration
8680 Balboa Avenue, San Diego, CA 92123
TReguly@semprautilities.com
619-676-6960

VIA ELECTRONIC MAIL

RE: Letter of Support for SDG&E's Energy Storage Procurement and Investment Plan

Dear Mr. Reguly,

The San Diego Unified Port District (District) is pleased to support San Diego Gas & Electric (SDG&E) in its application for funding authority related to Assembly Bill 2868 (AB 2868).

We understand SDG&E seeks to support the District's Energy Management Plan (EMP), developed under Assembly Bill 628 and its energy storage requirements with funding authorized through AB 2868.

The District's EMP includes the evaluation, design, and installation of energy storage, along with other distributed generation and control resources (a microgrid) to address the growing energy needs of the District and its stakeholders so the District can continue to effectively serve the public.

For these reasons, we fully support the application and look forward to working with SDG&E as it progresses. If you have any questions about our support, please contact me at JNelson@portofsandiego.org or (619) 686-7274.

Sincerely,

A handwritten signature in black ink, appearing to read "Job Nelson", written over a light blue horizontal line.

Job Nelson
Assistant Vice President,
External Relations



San Diego County Sheriff's Department

Post Office Box 939062 • San Diego, California 92193-9062



William D. Gore, Sheriff

February 27, 2018

Ted Reguly
Director – Growth & Technology Integration
San Diego Gas & Electric
8315 Century Park Court
San Diego, CA 92123

Re: AB 2868 Support

I am pleased to lend my support to Assembly Bill (AB) 2686, Energy Storage Investment and Program application. The San Diego County Sheriff's Department has a history of collaboration with San Diego Gas and Electric in addressing the public safety needs of the citizens of San Diego. The Sheriff's Department facilities are ideal locations for battery storage.

My Department is supportive of efforts which would reduce emissions of greenhouse gasses, by decreasing the need for backup fossil fuel generation sometimes used to keep our facilities up and running. Due to the increased wildfire risk, the need for critical infrastructure resiliency is now.

If I may be of further assistance, please feel free to contact me or my Legislative Assistant, Marla Marshall at (858) 974-2270.

Sincerely,

A handwritten signature in cursive script that reads "William D. Gore".

William D. Gore, Sheriff



OFFICE OF THE VICE CHANCELLOR --
RESOURCE MANAGEMENT AND PLANNING
Strategic Energy Initiatives

9500 GILMAN DRIVE

LA JOLLA, CA 92093-0057
(858) 869-5805 / 534-9836 FAX
<http://www-vcrmp.ucsd.edu>

February 20, 2018

Mr. Ted Reguly
Director – Growth & Technology Integration
San Diego Gas & Electric
8306 Century Park Ct
San Diego, CA 92123

Dear Mr. Reguly

As Director of Strategic Energy Initiatives at UC San Diego, I would like to indicate my Initiative's support to SDG&E's forthcoming application to the CPUC for Assembly Bill 2868 Energy Storage Investment and Programs. I have valued the collaborative regional and direct effort with SDG&E over the past decade in demonstrating and deploying commercial scale energy storage systems. As a result of this collaboration, the San Diego region has established its state and national leadership in engaging new potential customers in Disadvantaged Communities such as Chollas Creek and the Port of San Diego as well as reliability and resiliency focused critical infrastructures like Marine Corps Air Station Miramar.

As the owner/operator of a 2.5 MW/5 MWH battery and prime contractor to DOE ARPA-E's energy storage testing of early commercial energy storage systems, I have every confidence that SDG&E will identify locations in front and behind the meter that will bring reliability, survivability resiliency and safety for the benefits of the critical public infrastructure and services within SDG&E's service territory.

After reviewing the proceedings of the two AB 2868 Stakeholder workshops, I note with interest that the current focus will address a critical missing element in smaller scale microgrids in the public sector that has to date been under addressed in the SDG&E service territory.

Sincerely,

A handwritten signature in black ink that reads "Byron Washom".

Byron Washom
Director, Strategic Energy Initiatives
UC San Diego
9500 Gilman Dr., MS 0057
La Jolla, CA 92093
858-869-5805
bwashom@ucsd.edu

ATTACHMENT 2

REPORT ON ALL STORAGE RESOURCES PROCURED IN COMMISSION PROCEEDINGS

Existing Storage Projects

| Project name | Internal Name | Eligible Biennial Procurement Cycle | Online Date (Expected or Actual) | Project Type | Point of Interconnection | Energy | | Location (City) | Location (Zip Code) | Procurement Proceeding | Procurement Mechanism | Status of Project | Expected Operational Life (Years) | Primary Application of Project | | Technology Manufacturer | Project Owner | Project Operator |
|-----------------------------------|----------------------|-------------------------------------|----------------------------------|-----------------|--------------------------|---------------|---------------|---------------------|---------------------|------------------------|-----------------------|-------------------|-----------------------------------|----------------------------------|----------------------------------|---------------------------|---------------|------------------|
| | | | | | | Capacity (MW) | Content (MWh) | | | | | | | Project | Secondary Application of Project | | | |
| Lake Hodges Pumped Hydro | Lake Hodges PPA | 2014 Cycle | Q3 2011 | Pumped Hydro | Transmission | 40,000 | 240 | Escondido | 92025 | D.04-08-028 | Bilateral | Installed | 25 | Grid Optimization | | | SDWCA | SDG&E |
| Transmission Total | | | | | | | | | | | | | | | | | | |
| Borrego Springs Unit 1 | Microgrid SES | 2014 Cycle | Q3 2012 | Battery - LiIon | Distribution | 0.500 | 1.5 | Borrego Springs | 92004 | D.13-05-010 | RFP | Installed | 15 | Islanding | Power Quality | Soft, Parler Hanfin | SDG&E | SDG&E |
| Borrego Springs Unit 2 | Borrego CES | 2014 Cycle | Q2 2013 | Battery - LiIon | Distribution | 0.025 | 0.05 | Borrego Springs | 92004 | D.13-05-010 | RFP | Installed | 15 | Power Quality | Islanding | S&C, Kolum | SDG&E | SDG&E |
| Borrego Springs Unit 3 | Borrego CES | 2014 Cycle | Q2 2013 | Battery - LiIon | Distribution | 0.025 | 0.05 | Borrego Springs | 92004 | D.13-05-010 | RFP | Installed | 15 | Power Quality | Islanding | S&C, Kolum | SDG&E | SDG&E |
| Borrego Springs Unit 4 | Borrego CES | 2014 Cycle | Q2 2013 | Battery - LiIon | Distribution | 0.025 | 0.05 | Borrego Springs | 92004 | D.13-05-010 | RFP | Installed | 15 | Power Quality | Islanding | S&C, Kolum | SDG&E | SDG&E |
| GRC Energy Storage Program Unit 1 | Pala SES | 2014 Cycle | Q3 2012 | Battery - LiIon | Distribution | 0.500 | 1.5 | Pala | 92059 | D.13-05-010 | RFP | Installed | 15 | Power Quality | Power Quality | Greensmith, Satcom Wilzor | SDG&E | SDG&E |
| GRC Energy Storage Program Unit 2 | Skills CES | 2014 Cycle | Q4 2012 | Battery - LiIon | Distribution | 0.025 | 0.072 | San Diego | 92108 | D.13-05-010 | RFP | Installed | 15 | Power Quality | Power Quality | Soft, Powerhub | SDG&E | SDG&E |
| GRC Energy Storage Program Unit 3 | Clairemont CES | 2014 Cycle | Q4 2012 | Battery - LiIon | Distribution | 0.025 | 0.072 | San Diego | 92111 | D.13-05-010 | RFP | Installed | 15 | Power Quality | Power Quality | Soft, Powerhub | SDG&E | SDG&E |
| GRC Energy Storage Program Unit 4 | Poway CES | 2014 Cycle | Q4 2012 | Battery - LiIon | Distribution | 0.025 | 0.072 | Poway | 92604 | D.13-05-010 | RFP | Installed | 15 | Power Quality | Power Quality | Soft, Powerhub | SDG&E | SDG&E |
| GRC Energy Storage Program Unit 5 | Borrego SES | 2014 Cycle | Q2 2014 | Battery - LiIon | Distribution | 1.000 | 3 | Borrego Springs | 92004 | D.13-05-010 | RFP | Installed | 15 | Power Quality | Capacity/Infrastructure Deferral | Soft, ABB | SDG&E | SDG&E |
| GRC Energy Storage Program Unit 6 | C1243 Ortega Hwy | 2014 Cycle | Q2 2014 | Battery - LiIon | Distribution | 1.000 | 3 | San Juan Capistrano | 92675 | D.13-05-010 | RFP | Installed | 15 | Capacity/Infrastructure Deferral | Power Quality | Greensmith, ABB, Samsung | SDG&E | SDG&E |
| GRC Energy Storage Program Unit 7 | C75 Mt San Miguel | 2014 Cycle | Q3 2014 | Battery - LiIon | Distribution | 1.000 | 3 | El Cajon | 97941 | D.13-05-010 | RFP | Installed | 15 | Islanding | Capacity/Infrastructure Deferral | Greensmith, ABB, Samsung | SDG&E | SDG&E |
| GRC Energy Storage Program Unit 8 | Julian | 2014 Cycle | Q3 2014 | Battery - LiIon | Distribution | 1.000 | 3 | Julian | 92036 | D.13-05-010 | RFP | Installed | 15 | Islanding | Capacity/Infrastructure Deferral | S&C, Kolum | SDG&E | SDG&E |
| GRC Energy Storage Program Unit 9 | Canyon Crest Academy | 2014 Cycle | Q3 2014 | Battery - LiIon | Distribution | 1.000 | 3 | San Diego | 92130 | D.13-05-010 | RFP | Installed | 15 | Power Quality | Islanding | Soft, ABB | SDG&E | SDG&E |
| El Cajon | El Cajon BESS | E-4978 | Q2 2017 | Battery - LiIon | Distribution | 7,500 | 30 | El Cajon | 92020 | E-4798 | | Installed | 10 | Reliability | Reliability | Samsung, Parker | SDG&E | SDG&E |
| Escondido | Escondido BESS | E-4978 | Q2 2017 | Battery - LiIon | Distribution | 30,000 | 120 | Escondido | 92029 | E-4798 | | Installed | 10 | Reliability | Reliability | Samsung, Parker | SDG&E | SDG&E |
| Distribution Total | | | | | | | | | | | | | | | | | | |
| Customer Installations | Various | N/A | Various | Various | Customer | 16,960 | Various | Various | Various | SGIP/PLS/None | SGIP/PLS/None | Installed | Various | Demand Charge Reducti | Resiliency | Various | Customer | Customer |
| Customer Total | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | |

43.65

16.96

100.61

ATTACHMENT 3

LIST OF APPLICABLE STATUTES AND RULES THAT MAY IMPACT ENERGY STORAGE PROCUREMENT

**(per D.13-10-040, APPENDIX A
Energy Storage Procurement Framework and Design Program, p. 7)**

ATTACHMENT 3

List of Applicable Statutes and Rules That May Impact Energy Storage Procurement

| Subject | Reference | Key Provision |
|----------------|--|---|
| Energy Storage | CPUC Decision (“D.”) 15-05-051 | Authorizes SDG&E to enter into Purchase Power Tolling Agreement with Carlsbad Energy Center, LLC, finding that a 500 MW facility coupled with the additional 100 MW of procurement dedicated to preferred resources and energy storage will address system reliability concerns. |
| Energy Storage | D.16-12-041 | SDG&E exercised its termination option for Hecate Energy Bancroft LLC energy storage contract. Thus, the California Public Utilities Commission (“CPUC”) does not review or approve it. |
| Energy Storage | Resolution E-4791 | Authorizes expedited procurement of storage resources to ensure electric reliability in the L.A. Basin due to limited operations of Aliso Canyon Gas Storage Facility. |
| Energy Storage | Resolution E-4798 | This Resolution approves the relief requested in Advice Letter 2924-E for two SDG&E contracts with AES Energy Storage LLC for the engineering, procurement and construction of energy storage facilities to address electrical reliability risks in the L.A.) Basin arising from the moratorium on injections into the Aliso Canyon Natural Gas Storage Facility. |
| Energy Storage | Assembly Bill (“AB”) 2514, <i>codified at</i> Public Utilities Code (“P.U. Code”) § 2835 | Requires CPUC to determine targets for load-serving entity procurement of energy storage resources |
| Energy Storage | CPUC Rulemaking (“R.”) 15-03-011 | Rulemaking to consider policy and implementation refinements to Energy Storage Procurement Framework and Design Program |
| Energy Storage | D.13-10-040 | Requires Investor-Owned Utility (“IOU”) procurement of energy |

| Subject | Reference | Key Provision |
|----------------|---|--|
| | | storage pursuant to biennial CPUC-approval Plan |
| Energy Storage | D.14-10-045 | Approves IOU procurement applications for the 2014 biennial procurement period |
| Energy Storage | D.16-01-032 | Addresses energy storage policy and program issues that must be resolved prior to the 2016 procurement solicitations |
| Energy Storage | AB 1637, <i>codified at</i> P.U. Code § 379.6. D. 17-04-017 | Authorizes the CPUC to double the Self-Generation Incentive Program (“SGIP”) budget to encourage increased use of distributed energy resources, including energy storage |
| Energy Storage | AB 2861, <i>codified at</i> P.U. Code § 769.5, D. 17-04-017 | Authorizes the CPUC to create an expedited dispute resolution process for addressing interconnection issues, including energy storage |
| Energy Storage | AB 2868, <i>codified at</i> P.U. Code § 2838.2 - § 2838.3 | Directs IOUs to file applications to implement programs and investments to encourage up to an aggregated 500 MW of new distributed energy storage |
| Energy Storage | AB 33 | Directs the CPUC to evaluate and analyze the potential for development of long duration bulk energy storage resources to integrate renewable energy resources. |
| Energy Storage | AB 546, <i>codified at</i> Cal. Gov't Code § 65950.8 | Speeds the siting of energy storage projects by requiring cities and counties of 200,000 or more to streamline the energy storage permitting process |
| Energy Storage | D.16-09-004 | Approves SDG&E's Energy Storage Agreements (A.15-12-003) |
| Energy Storage | D.16-09-007 | Approves SDG&E's 2016 Energy Storage Procurement Plan |
| Energy Storage | D.17-04-039, P.U. Code § 2836 <i>et seq.</i> | Provides a process to implement AB 2868 by requiring IOUs to propose programs and investments for up to 500 MW of additional distributed energy storage |

| Subject | Reference | Key Provision |
|---|---|--|
| Energy Storage | D.18-01-003 | Establishes a set of rules for promoting the multi-use applications of energy storage resources. |
| Energy Storage | Senate Bill (“SB”) 801, <i>codified at</i> P.U. Code § 2836.7 | Directs SDG&E to procure 20 MW of energy storage capacity to address Aliso Canyon reliability needs |
| Greenhouse Gas (“GHG”) Emissions Performance Standard | SB 1368, <i>codified at</i> P.U. Code § 8340 D.07-01-039 | Prohibits “covered procurement” from exceeding CO2 emissions standard of 1100 lb./MWh |
| GHG | AB 32, <i>codified at</i> Health & Safety Code § 38500 <i>et seq.</i> | Requires California to reduce GHG emissions to 1990 levels by 2020 |
| Renewables Portfolio Standard | SB 350, <i>codified at</i> P.U. Code § 399.11 <i>et seq.</i> | Requires retail sellers and local publicly owned electric utilities to procure 50% of energy from renewable resources by December 31, 2030 |
| Renewables Portfolio Standard Target | P.U. Code § 399.15(b)(5)(B)(ii) | Retail sellers’ efforts to develop energy storage to integrate eligible RPS resources are among the factors underlying a CPUC waiver of an RPS target |
| Clean Energy | P.U. Code § 400 | The CPUC and California Energy Commission shall, where feasible, increase the use of energy storage, among other strategies, to meet clean energy objectives |
| Clean Energy | AB 523, <i>codified at</i> Pub. Rsrc. Code § 25711.5 | Directs the CPUC to direct 25% of Electric Program Investment Charge (EPIC) program funding to disadvantaged communities to advance energy storage technology, among others. |
| Self-Generation Incentive Plan (“SGIP”) | P.U. Code §§ 379.5 and 379.6 D.01-03-073; D.08-11-044; D.11-09-015 | Establishes SGIP to provide incentives for investing in distributed generation |
| SGIP | D.16-06-055 | Modifies the incentives of the SGIP program by reserving 75% of the program's funds for energy storage projects with carve outs for renewable generation and residential small-scale storage |

| Subject | Reference | Key Provision |
|-------------------------------------|--|--|
| SGIP | D.17-10-004 | Creates SGIP Equity Budget to provide incentives for customer sited energy storage in disadvantaged and low income communities |
| SGIP | Resolution E-4887 | Modifies the SGIP handbook to expand the definition of an eligible developer |
| Permanent Load Shifting (“PLS”) | D.12-04-045 Resolution E-4586 | Adopts PLS programs and budgets |
| PLS | D.17-12-003 | Discontinues the PLS program effective January 1, 2018 |
| Demand Response | D.08-04-050 D.10-12-036 | Load Impacts of Demand Response and Demand Response Participation in CAISO Market |
| Demand Response | D.17-01-012 | Approves SDG&E's budget for demand response programs, including energy storage |
| Demand Response | D.17-12-003 | Authorizes an increased budget to support pilot program that increase customer participation in demand response, including energy storage projects |
| Resource Adequacy | D.13-06-024 | Energy Storage may be procured as a form of flexible capacity used to provide resource adequacy |
| Resource Adequacy | R.14-10-010 | Continued refinements to Resource Adequacy Program and establish flexible capacity requirements |
| Resource Adequacy | D.15-06-063 | Decision refining Resource Adequacy Program adopting modification to flexible RA rules for storage |
| Resource Adequacy | D.16-06-045 | Clarifies the rules for energy storage to qualify for resource adequacy |
| Resource Adequacy | R.17-09-020 | OIR to address 2019-2020 resource adequacy programs, with a focus on local and flexible capacity requirements |
| Alternative-Fueled Vehicle Programs | R.13-11-007 | Evaluation of electric vehicle batteries for energy storage |
| Integrated Resource Plan | SB 350, <i>codified at</i> P.U. Code §§ 454.51-454.52 R.16-02-007 | Directs each IOU to develop an integrated resource plan addressing, among other things, the role of |

| Subject | Reference | Key Provision |
|--|--|--|
| | | energy storage in meeting peak demand |
| Integrated Resource Planning | D.18-02-018 | Sets requirements for IOUs filing integrated resource plans |
| Long-Term Procurement for Local Capacity Requirements | D.14-03-004 | Authorizes procurement of preferred resources and energy storage |
| Distribution Resource Planning and Sourcing using Distributed Energy Resources (“DERs”) | P.U. Code § 769(g); R. 14-08-013 (“DRP”); 14-10-003 (“IDER”) | Proceedings in process to develop plan and pilot programs for DER integration and to develop potential sourcing mechanisms for DER grid services |
| DER | D.16-12-036 | Develops the Competitive Solicitation Framework and Utility Regulatory Incentive Pilot |
| DER | D.17-02-007 | Approves two of SDG&E's Distributed Energy Resource demonstration projects. |
| DER | D.17-09-026 | Approving SDG&E's demonstration projects and directing SDG&E to use an Integration Capacity Analysis to assist with distribution planning and interconnection streamlining |
| Distribution Resource Planning (“DRP”) | AB 327, <i>codified at</i> P.U. Code § 769 | Directs IOUs to integrate DRP into distribution planning and investment and identify optimal locations for the deployment of distributed resources. |
| DRP | D.17-06-012 | Approves SDG&E’s final Distributed Energy Resource demonstration project, building a microgrid in Mono county. |
| DRP | D.18-02-004 | Directs IOUs to solicit distribution deferral projects. |
| Local Capacity Requirement Application for Approval of Contracts in the Western LA Basin | D.15-11-041 | Decision approving Energy Storage contracts resulting from SDG&E’s LCR RFO |

| Subject | Reference | Key Provision |
|------------------------------------|--|---|
| Local Generation Charge (“LGC”) | D.13-03-029 | Authorized SDG&E to establish an LGC rate component which is designed to recover new generation costs for local reliability that are deemed to be subject to Cost Allocation Mechanism (“CAM”) policy |
| Procurement Rules | D.07-12-052 | Utility procurement outside of competitive solicitations; development of utility-owned resource |
| Procurement Rules | D.16-01-032 | Addresses procurement best practices, approves utilities' request for flexibility in meeting energy storage targets between grid domains, and allows utilities to satisfy transmission and distribution targets through customer projects |
| Transmission Interconnection Rules | California Independent System Operator Corporation (“CAISO”) Large Generator Interconnection Agreement | Requirements for generator interconnection to grid at transmission level |
| Distribution Interconnection Rules | Wholesale Distribution Access Tariff | Requirements for generator interconnection with IOU-owned distribution system |
| Distribution Interconnection Rules | Rule 21 | Interconnection at distribution level by Qualifying Facilities (“QFs”) under Public Utility Regulatory Policies Act of 1978 (“PURPA”), net metering, and SGIP |
| Net Energy Metering | D.14-05-033 | Customer-sited systems interconnecting with storage are treated the same as systems interconnecting without storage |
| Net Energy Metering | D.16-01-044 | The “storage mandate charge” is collected through the PCIA and should not be part of the non-bypassable charge in the NEM successor tariff |
| Confidentiality | P.U. Code § 454.5(g); D.06-06-066, D.08-04-023, D.11-07-028 | Confidentiality of energy procurement information submitted to CPUC |
| Confidentiality | CPUC General Order 66-C | Exceptions to Public Records Act |

| Subject | Reference | Key Provision |
|----------------------|---|--|
| Confidentiality | CPUC General Order 66-D | Rules for supporting the confidentiality of information submitted to the CPUC |
| Cost Recovery | D.04-12-048 | 10-year limit on recovery of procurement costs |
| Cost Recovery | D.06-07-029 | Cost Allocation Methodology (“CAM”) for long-term procurement of new generation |
| Cost Recovery | D.08-09-012 | Responsibility for non-bypassable charges |
| CAM | D.11-05-005 | Modifies new generation and long-term contract CAM |
| Cost Recovery | P.U. Code § 454.51(c) | Net costs of resources used to integrate renewable energy resources are allocated on a fully nonbypassable basis consistent with CAM |
| Standards of Conduct | D.02-10-062, <i>as modified by</i> D.02-12-074; D.03-06-067; D.03-06-076. | CPUC Standards of Conduct for energy procurement |

ATTACHMENT A

**FINANCIAL STATEMENT, BALANCE SHEET
AND INCOME STATEMENT**

SAN DIEGO GAS & ELECTRIC COMPANY
BALANCE SHEET
ASSETS AND OTHER DEBITS
September 30, 2017

| | 1. UTILITY PLANT | <u>2017</u> |
|-----|---|---------------------------------|
| 101 | UTILITY PLANT IN SERVICE | \$ 16,828,093,926 |
| 102 | UTILITY PLANT PURCHASED OR SOLD | - |
| 104 | UTILITY PLANT LEASED TO OTHERS | 85,194,000 |
| 105 | PLANT HELD FOR FUTURE USE | 4,941,794 |
| 106 | COMPLETED CONSTRUCTION NOT CLASSIFIED | - |
| 107 | CONSTRUCTION WORK IN PROGRESS | 1,173,575,364 |
| 108 | ACCUMULATED PROVISION FOR DEPRECIATION OF UTILITY PLANT | (5,171,878,313) |
| 111 | ACCUMULATED PROVISION FOR AMORTIZATION OF UTILITY PLANT | (738,450,819) |
| 114 | ELEC PLANT ACQUISITION ADJ | 3,750,722 |
| 115 | ACCUM PROVISION FOR AMORT OF ELECTRIC PLANT ACQUIS ADJ | (1,437,776) |
| 118 | OTHER UTILITY PLANT | 1,231,240,369 |
| 119 | ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF OTHER UTILITY PLANT | (249,625,189) |
| 120 | NUCLEAR FUEL - NET | - |
| | TOTAL NET UTILITY PLANT | <u>\$ 13,165,404,078</u> |
| | 2. OTHER PROPERTY AND INVESTMENTS | |
| 121 | NONUTILITY PROPERTY | \$ 5,790,994 |
| 122 | ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION | (364,300) |
| 158 | NON-CURRENT PORTION OF ALLOWANCES | 189,865,937 |
| 123 | INVESTMENTS IN SUBSIDIARY COMPANIES | - |
| 124 | OTHER INVESTMENTS | - |
| 125 | SINKING FUNDS | - |
| 128 | OTHER SPECIAL FUNDS | 1,041,465,326 |
| 175 | LONG-TERM PORTION OF DERIVATIVE ASSETS | <u>119,848,247</u> |
| | TOTAL OTHER PROPERTY AND INVESTMENTS | <u>\$ 1,356,606,204</u> |

Data from SPL as of December 5, 2017

SAN DIEGO GAS & ELECTRIC COMPANY
BALANCE SHEET
ASSETS AND OTHER DEBITS
September 30, 2017

| 3. CURRENT AND ACCRUED ASSETS | | 2017 |
|--------------------------------------|--|--------------------------|
| 131 | CASH | \$ 2,472,456 |
| 132 | INTEREST SPECIAL DEPOSITS | - |
| 134 | OTHER SPECIAL DEPOSITS | - |
| 135 | WORKING FUNDS | 500 |
| 136 | TEMPORARY CASH INVESTMENTS | - |
| 141 | NOTES RECEIVABLE | - |
| 142 | CUSTOMER ACCOUNTS RECEIVABLE | 379,184,675 |
| 143 | OTHER ACCOUNTS RECEIVABLE | 36,703,520 |
| 144 | ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS | (4,395,233) |
| 145 | NOTES RECEIVABLE FROM ASSOCIATED COMPANIES | - |
| 146 | ACCOUNTS RECEIVABLE FROM ASSOCIATED COMPANIES | 527,917 |
| 151 | FUEL STOCK | 1,456,137 |
| 152 | FUEL STOCK EXPENSE UNDISTRIBUTED | - |
| 154 | PLANT MATERIALS AND OPERATING SUPPLIES | 129,744,226 |
| 156 | OTHER MATERIALS AND SUPPLIES | - |
| 158 | ALLOWANCES | 206,127,894 |
| 158 | LESS: NON-CURRENT PORTION OF ALLOWANCES | (189,865,937) |
| 163 | STORES EXPENSE UNDISTRIBUTED | 458,063 |
| 164 | GAS STORED | 305,183 |
| 165 | PREPAYMENTS | 153,415,257 |
| 171 | INTEREST AND DIVIDENDS RECEIVABLE | 716,525 |
| 173 | ACCRUED UTILITY REVENUES | 73,203,000 |
| 174 | MISCELLANEOUS CURRENT AND ACCRUED ASSETS | 2,294,000 |
| 175 | DERIVATIVE INSTRUMENT ASSETS | 140,320,296 |
| 175 | LESS: LONG -TERM PORTION OF DERIVATIVE INSTRUMENT ASSETS | (119,848,247) |
| | TOTAL CURRENT AND ACCRUED ASSETS | \$ 812,820,232 |
| 4. DEFERRED DEBITS | | |
| 181 | UNAMORTIZED DEBT EXPENSE | \$ 34,154,399 |
| 182 | UNRECOVERED PLANT AND OTHER REGULATORY ASSETS | 2,551,442,725 |
| 183 | PRELIMINARY SURVEY & INVESTIGATION CHARGES | 303,020 |
| 184 | CLEARING ACCOUNTS | (766,800) |
| 185 | TEMPORARY FACILITIES | 1,715 |
| 186 | MISCELLANEOUS DEFERRED DEBITS | 22,200,130 |
| 188 | RESEARCH AND DEVELOPMENT | - |
| 189 | UNAMORTIZED LOSS ON REACQUIRED DEBT | 9,664,292 |
| 190 | ACCUMULATED DEFERRED INCOME TAXES | 320,390,192 |
| | TOTAL DEFERRED DEBITS | \$ 2,937,389,673 |
| | TOTAL ASSETS AND OTHER DEBITS | \$ 18,272,220,187 |

Data from SPL as of December 5, 2017

SAN DIEGO GAS & ELECTRIC COMPANY
BALANCE SHEET
LIABILITIES AND OTHER CREDITS
September 30, 2017

5. PROPRIETARY CAPITAL

| | | 2017 |
|-----|--|------------------|
| 201 | COMMON STOCK ISSUED | \$ 291,458,395 |
| 204 | PREFERRED STOCK ISSUED | - |
| 207 | PREMIUM ON CAPITAL STOCK | 591,282,978 |
| 210 | GAIN ON RETIRED CAPITAL STOCK | - |
| 211 | MISCELLANEOUS PAID-IN CAPITAL | 479,665,368 |
| 214 | CAPITAL STOCK EXPENSE | (24,605,640) |
| 216 | UNAPPROPRIATED RETAINED EARNINGS | 4,135,912,729 |
| 219 | ACCUMULATED OTHER COMPREHENSIVE INCOME | (7,161,311) |
| | TOTAL PROPRIETARY CAPITAL | \$ 5,466,552,519 |

6. LONG-TERM DEBT

| | | |
|-----|--|------------------|
| 221 | BONDS | \$ 4,573,220,000 |
| 223 | ADVANCES FROM ASSOCIATED COMPANIES | - |
| 224 | OTHER LONG-TERM DEBT | - |
| 225 | UNAMORTIZED PREMIUM ON LONG-TERM DEBT | - |
| 226 | UNAMORTIZED DISCOUNT ON LONG-TERM DEBT | (11,873,565) |
| | TOTAL LONG-TERM DEBT | \$ 4,561,346,435 |

7. OTHER NONCURRENT LIABILITIES

| | | |
|-------|---|------------------|
| 227 | OBLIGATIONS UNDER CAPITAL LEASES - NONCURRENT | \$ 1,046,355,148 |
| 228.2 | ACCUMULATED PROVISION FOR INJURIES AND DAMAGES | 23,784,340 |
| 228.3 | ACCUMULATED PROVISION FOR PENSIONS AND BENEFITS | 253,519,158 |
| 228.4 | ACCUMULATED MISCELLANEOUS OPERATING PROVISIONS | - |
| 244 | LONG TERM PORTION OF DERIVATIVE LIABILITIES | 156,477,877 |
| 230 | ASSET RETIREMENT OBLIGATIONS | 831,834,042 |
| | TOTAL OTHER NONCURRENT LIABILITIES | \$ 2,311,970,565 |

Data from SPL as of December 5, 2017

SAN DIEGO GAS & ELECTRIC COMPANY
BALANCE SHEET
LIABILITIES AND OTHER CREDITS
September 30, 2017

8. CURRENT AND ACCRUED LIABILITES

| | | 2017 |
|-----|---|------------------|
| 231 | NOTES PAYABLE | \$ 185,290,094 |
| 232 | ACCOUNTS PAYABLE | 468,175,363 |
| 233 | NOTES PAYABLE TO ASSOCIATED COMPANIES | - |
| 234 | ACCOUNTS PAYABLE TO ASSOCIATED COMPANIES | 42,132,430 |
| 235 | CUSTOMER DEPOSITS | 80,068,246 |
| 236 | TAXES ACCRUED | 34,427,622 |
| 237 | INTEREST ACCRUED | 56,829,675 |
| 238 | DIVIDENDS DECLARED | - |
| 241 | TAX COLLECTIONS PAYABLE | 5,052,983 |
| 242 | MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES | 151,865,954 |
| 243 | OBLIGATIONS UNDER CAPITAL LEASES - CURRENT | 52,250,217 |
| 244 | DERIVATIVE INSTRUMENT LIABILITIES | 205,595,657 |
| 244 | LESS: LONG-TERM PORTION OF DERIVATIVE LIABILITIES | (156,477,877) |
| 245 | DERIVATIVE INSTRUMENT LIABILITIES - HEDGES | - |
| | TOTAL CURRENT AND ACCRUED LIABILITIES | \$ 1,125,210,364 |

9. DEFERRED CREDITS

| | | |
|-----|---|------------------|
| 252 | CUSTOMER ADVANCES FOR CONSTRUCTION | \$ 58,105,858 |
| 253 | OTHER DEFERRED CREDITS | 396,920,638 |
| 254 | OTHER REGULATORY LIABILITIES | 1,142,321,486 |
| 255 | ACCUMULATED DEFERRED INVESTMENT TAX CREDITS | 17,232,953 |
| 257 | UNAMORTIZED GAIN ON REACQUIRED DEBT | - |
| 281 | ACCUMULATED DEFERRED INCOME TAXES - ACCELERATED | - |
| 282 | ACCUMULATED DEFERRED INCOME TAXES - PROPERTY | 2,417,284,462 |
| 283 | ACCUMULATED DEFERRED INCOME TAXES - OTHER | 775,274,907 |
| | TOTAL DEFERRED CREDITS | \$ 4,807,140,304 |

TOTAL LIABILITIES AND OTHER CREDITS \$ 18,272,220,187

\$4,807,140,304

Data from SPL as of December 5, 2017

SAN DIEGO GAS & ELECTRIC COMPANY
FINANCIAL STATEMENT
Sep 30, 2017

| | | | | |
|-----|---|-------------|--------|-------------------|
| (a) | <u>Amounts and Kinds of Stock Authorized:</u> | | | |
| | Common Stock | 255,000,000 | shares | Without Par Value |
| | <u>Amounts and Kinds of Stock Outstanding:</u> | | | |
| | Common Stock | 116,583,358 | shares | 291,458,395 |

(b) **Brief Description of Mortgage:**
 Full information as to this item is given in Application Nos. 93-09-069, 04-01-009, 06-05-015, 08-07-029, 10-10-023, 12-03-005, and 15-08-011 to which references are hereby made.

| | | | | | |
|-----|---|----------------------|------------------------------|----------------------|---|
| (c) | <u>Number and Amount of Bonds Authorized and Issued:</u> | | | | |
| | | Nominal | Par Value | | Interest Paid |
| | | | Authorized and Issued | Outstanding | (updated in Q4' 20xx) as of Q4' 2016 |
| | First Mortgage Bonds: | Date of Issue | | | |
| | 5.875% Series VV, due 2034 | 06-17-04 | 43,615,000 | 43,615,000 | 2,562,346 |
| | 5.875% Series WW, due 2034 | 06-17-04 | 40,000,000 | 40,000,000 | 2,350,000 |
| | 5.875% Series XX, due 2034 | 06-17-04 | 35,000,000 | 35,000,000 | 2,056,250 |
| | 5.875% Series YY, due 2034 | 06-17-04 | 24,000,000 | 24,000,000 | 1,410,000 |
| | 5.875% Series ZZ, due 2034 | 06-17-04 | 33,650,000 | 33,650,000 | 1,976,938 |
| | 4.00% Series AAA, due 2039 | 06-17-04 | 75,000,000 | 75,000,000 | 3,000,000 |
| | 5.35% Series BBB, due 2035 | 05-19-05 | 250,000,000 | 250,000,000 | 13,375,000 |
| | 6.00% Series DDD, due 2026 | 06-08-06 | 250,000,000 | 250,000,000 | 15,000,000 |
| | 1.65% Series EEE, due 2018 | 09-21-06 | 161,240,000 | 161,240,000 | 2,660,460 |
| | 6.125% Series FFF, due 2037 | 09-20-07 | 250,000,000 | 250,000,000 | 15,312,500 |
| | 6.00% Series GGG, due 2039 | 05-14-09 | 300,000,000 | 300,000,000 | 18,000,000 |
| | 5.35% Series HHH, due 2040 | 05-13-10 | 250,000,000 | 250,000,000 | 13,375,000 |
| | 4.50% Series III, due 2040 | 08-26-10 | 500,000,000 | 500,000,000 | 22,500,000 |
| | 3.00% Series JJJ, due 2021 | 08-18-11 | 350,000,000 | 350,000,000 | 10,500,000 |
| | 3.95% Series LLL, due 2041 | 11-17-11 | 250,000,000 | 250,000,000 | 9,875,000 |
| | 4.30% Series MMM, due 2042 | 03-22-12 | 250,000,000 | 250,000,000 | 10,750,000 |
| | 3.60% Series NNN, due 2023 | 09-09-13 | 450,000,000 | 450,000,000 | 16,200,000 |
| | Variable Series OOO, due 2017 | 03-12-15 | 0 | 0 | 1,210,959 |
| | 1.9140% Series PPP, due 2022 | 03-12-15 | 54,088,941 | 54,088,941 | 4,272,326 |
| | 2.50% Series QQQ, due 2026 | 05-19-16 | 500,000,000 | 500,000,000 | 6,111,111 |
| | 3.75% Series RRR, due 2047 | 06-08-17 | 400,000,000 | 400,000,000 | - |
| | Total 1st. Mortgage Bonds: | | | 4,466,593,941 | 175,122,889 |
| | Unsecured Bonds: | | | | |
| | Total Bonds: | | | | 175,122,889 |
| | 1.050% Commercial Paper - Long | 11-19-15 | 0 | 0 | 0 |
| | TOTAL LONG-TERM DEBT | | | 4,466,593,941 | |
| | TOTAL LONG-TERM DEBT | | | 0 | |

**SAN DIEGO GAS & ELECTRIC COMPANY
FINANCIAL STATEMENT**

Sep 30, 2017

| Other Indebtedness: | Date of Issue | Date of Maturity | Interest Rate | Outstanding | Interest Paid 2017 |
|----------------------------|----------------------|-------------------------|----------------------|--------------------|---------------------------|
| Commercial Paper & ST Bank | Various | Various | Various | 185,290,094 | \$1,754,558 |

Amounts and Rates of Dividends Declared:

The amounts and rates of dividends during the past five fiscal years are as follows:

| Preferred Stock | Shares Outstanding | 2013 | 2014 | 2015 | 2016 | 2017 |
|------------------------|---------------------------|--------------------|-------------|-------------|-------------|-------------|
| 5.00% | - | \$281,250 | - | - | - | - |
| 4.50% | - | 202,500 | - | - | - | - |
| 4.40% | - | 214,500 | - | - | - | - |
| 4.60% | - | 257,901 | - | - | - | - |
| 1.70% | - | 1,785,000 | - | - | - | - |
| 1.82% | - | 873,600 | - | - | - | - |
| Total | - | \$3,614,751 | - | - | - | - |

| Common Stock | 2013 | 2014 | 2015 | 2016 | 2017 |
|---------------------|-------------|---------------|-------------|-------------|-------------|
| [1] | - | \$200,000,000 | 300,000,000 | 175,000,000 | 450,000,000 |

NOTE 11 PREFERRED STOCK 10K:

On October 15, 2013, SDG&E redeemed all six series of its outstanding shares of contingently redeemable preferred stock for \$82 million, including a \$3 million early call premium.

A balance sheet and a statement of income and retained earnings of applicant for the nine months ended Sep 30, 2017 are attached hereto.

[1] San Diego Gas & Electric Company dividend to parent.

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT OF INCOME AND RETAINED EARNINGS
Nine Months Ended September 30, 2017

1. UTILITY OPERATING INCOME

| | | | |
|-------|--|------------------|-------------------------|
| 400 | OPERATING REVENUES | | \$ 3,387,220,735 |
| 401 | OPERATING EXPENSES | \$ 2,270,223,155 | |
| 402 | MAINTENANCE EXPENSES | 106,479,051 | |
| 403-7 | DEPRECIATION AND AMORTIZATION EXPENSES | 476,449,119 | |
| 408.1 | TAXES OTHER THAN INCOME TAXES | 98,294,258 | |
| 409.1 | INCOME TAXES | 76,751,932 | |
| 410.1 | PROVISION FOR DEFERRED INCOME TAXES | 200,171,849 | |
| 411.1 | PROVISION FOR DEFERRED INCOME TAXES - CREDIT | (211,596,204) | |
| 411.4 | INVESTMENT TAX CREDIT ADJUSTMENTS | 1,197,681 | |
| 411.6 | GAIN FROM DISPOSITION OF UTILITY PLANT | - | |
| | | | |
| | TOTAL OPERATING REVENUE DEDUCTIONS | | <u>\$ 3,017,970,841</u> |
| | NET OPERATING INCOME | | \$ 369,249,894 |

2. OTHER INCOME AND DEDUCTIONS

| | | | |
|-------|---|----------------------|------------------------------|
| 415 | REVENUE FROM MERCHANDISING, JOBBING AND CONTRACT WORK | \$ - | |
| 417 | REVENUES OF NONUTILITY OPERATIONS | - | |
| 417.1 | EXPENSES OF NONUTILITY OPERATIONS | 35,323 | |
| 418 | NONOPERATING RENTAL INCOME | 24,673 | |
| 418.1 | EQUITY IN EARNINGS OF SUBSIDIARIES | - | |
| 419 | INTEREST AND DIVIDEND INCOME | 5,196,861 | |
| 419.1 | ALLOWANCE FOR OTHER FUNDS USED DURING CONSTRUCTION | 46,541,709 | |
| 421 | MISCELLANEOUS NONOPERATING INCOME | 158,262 | |
| 421.1 | GAIN ON DISPOSITION OF PROPERTY | - | |
| | | | |
| | TOTAL OTHER INCOME | <u>\$ 51,956,828</u> | |
| 421.2 | LOSS ON DISPOSITION OF PROPERTY | \$ - | |
| 425 | MISCELLANEOUS AMORTIZATION | 187,536 | |
| 426 | MISCELLANEOUS OTHER INCOME DEDUCTIONS | 2,340,814 | |
| | | | |
| | TOTAL OTHER INCOME DEDUCTIONS | <u>\$ 2,528,350</u> | |
| 408.2 | TAXES OTHER THAN INCOME TAXES | \$ 489,141 | |
| 409.2 | INCOME TAXES | (66,427) | |
| 410.2 | PROVISION FOR DEFERRED INCOME TAXES | 38,985,370 | |
| 411.2 | PROVISION FOR DEFERRED INCOME TAXES - CREDIT | (33,741,297) | |
| | | | |
| | TOTAL TAXES ON OTHER INCOME AND DEDUCTIONS | <u>\$ 5,666,787</u> | |
| | TOTAL OTHER INCOME AND DEDUCTIONS | | <u>\$ 43,761,691</u> |
| | INCOME BEFORE INTEREST CHARGES | | 413,011,585 |
| | EXTRAORDINARY ITEMS AFTER TAXES | | 233,112 |
| | NET INTEREST CHARGES* | | <u>137,469,585</u> |
| | NET INCOME | | <u><u>\$ 275,775,112</u></u> |

*NET OF ALLOWANCE FOR BORROWED FUNDS USED DURING CONSTRUCTION, (\$9,638,447)

SAN DIEGO GAS & ELECTRIC COMPANY
STATEMENT OF INCOME AND RETAINED EARNINGS
Nine Months Ended September 30, 2017

3. RETAINED EARNINGS

| | |
|--|-------------------------|
| RETAINED EARNINGS AT BEGINNING OF PERIOD, AS PREVIOUSLY REPORTED | \$ 4,310,137,617 |
| NET INCOME (FROM PRECEDING PAGE) | 275,775,112 |
| DIVIDEND TO PARENT COMPANY | - |
| DIVIDENDS DECLARED - PREFERRED STOCK | 0 |
| DIVIDENDS DECLARED - COMMON STOCK | (450,000,000) |
| OTHER RETAINED EARNINGS ADJUSTMENTS | 0 |
| RETAINED EARNINGS AT END OF PERIOD | <u>\$ 4,135,912,729</u> |

ATTACHMENT B

ELECTRIC TARIFF TABLE OF CONTENTS



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Sheet 1

The following sheets contain all the effective rates and rules affecting rates, service and information relating thereto, in effect on the date indicated herein.

| | <u>Cal. P.U.C. Sheet No</u> |
|--|---|
| TITLE PAGE..... | 16015-E |
| TABLE OF CONTENTS..... | 30092, 30093, 27839, 30054, 30082, 30083, 29902-E 27993, 28372, 30084, 30085, 28247, 26298-E |
| PRELIMINARY STATEMENT: | |
| I. General Information..... | 8274, 26126, 22140-E |
| II. <u>Balancing Accounts</u> | |
| Description/Listing of Accounts | 19402, 28122-E |
| California Alternate Rates for Energy (CARE) Balancing Account..... | 26553, 26554-E |
| Rewards and Penalties Balancing Account (RPBA)..... | 21643, 22802-E |
| Transition Cost Balancing Account (TCBA)..... | 22803, 19411, 22804, 22805, 19414-E |
| Post-1997 Electric Energy Efficiency Balancing Account (PEEEBA)..... | 19415, 19416-E |
| Research, Development and Demonstration (RD&D) Balancing Account..... | 19417, 19418-E |
| Renewables Balancing Account (RBA)..... | 19419, 19420-E |
| Tree Trimming Balancing Account (TTBA)..... | 19421, 19422-E |
| Baseline Balancing Account (BBA)..... | 21377, 19424-E |
| EI Paso Turned-Back Capacity Balancing Account (EPTCBA)..... | 19425-E |
| Energy Resource Recovery Account (ERRA)..... | 26358, 26359, 26360, 26361, 25570, 25571-E |
| Low-Income Energy Efficiency Balancing Account (LIEEBA)..... | 19431, 19432-E |
| Non-Fuel Generation Balancing Account (NGBA)..... | 25572-75-E |
| Electric Procurement Energy Efficiency Balancing Account (EPEEBA)..... | 19438-E |
| Common Area Balancing Account (CABA)..... | 19439-E |
| Nuclear Decommissioning Adjustment Mechanism (NDAM)..... | 22811-E |
| Pension Balancing Account (PBA)..... | 19441, 19442-E |
| Post-Retirement Benefits Other Than Pensions Balancing Account (PBOPBA)..... | 19443, 19444-E |
| Community Choice Aggregation Implementation Balancing Account (CCAIBA)..... | 19445-E |

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II. Balancing Accounts (Continued)

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| Electric Program Investment Charge Balancing Acct (EPICBA)... | 22991, 22992-E |
| Tax Equity Investment Balancing Account (TEIBA) | 22797-E |
| California Energy Systems 21 st Century Balancing Acct (CES-21BA) | 23337-E |
| Dynamic Pricing Balancing Account (DPBA)..... | 23410-E |
| Greenhouse Gas Revenue Balancing Account (GHGRBA). | 23426-E |
| Local Generation Balancing Account (LGBA)..... | 28765-E |
| Cost of Financing Balancing Account (CFBA)..... | 26180-E |
| Street Lighting Conversion Balancing Account (SLCBA)..... | 26396-E |
| Smart Meter Opt-Out Balancing Account (SMOBA)..... | 26898, 26899-E |
| Vehicle Grid Integration Balancing Account (VGIBA)..... | 27390-E |
| Green Tariff Shared Renewables Balancing Account (GTSRBA)..... | 27432, 27433-E |
| New Environmental Regulatory Balancing Account (NERBA)..... | 27955, 27956-E |
| Demand Response Generation Balancing Account (DRGMA) | 28123-E |
| Master Meter Balancing Account (MMBA)..... | 29470-E |
| Distribution Resources Plan Demonstration Balancing Account | 28885-E |

III. Memorandum Accounts

| | |
|---|-------------------------------------|
| Description/Listing of Accounts | 19451, 29895, 28970-E |
| Catastrophic Event Memorandum Account (CEMA)..... | 19453, 19454, 22814-E |
| Generation Divestiture Transaction Costs Memo Acct (GDTCSMA)... | 19458-E |
| Streamlining Residual Account (SRA)..... | 20137, 20138-E |
| Nuclear Claims Memorandum Account (NCMA)..... | 19465-E |
| Real-Time Energy Metering Memorandum Account (RTEMMA)..... | 19472-E |
| Net Energy Metering Memorandum Account (NEMMA)..... | 19473-E |
| Interval Metering Program Memorandum Account (IMPMA).... | 19474-E |
| Self-Generation Program Memorandum Acct (SGPMA)..... | 19530, 19531-E |
| Bond Payment Memorandum Account (BPMA)..... | 19481-E |
| Direct Access Cost Responsibility Surcharge Memo Acct (DACRSMA) | 19576, 19577, 19578-E |
| Advanced Metering & Demand Response Memo Acct (AMDRMA) | 28124, 28125, 28126, 28127, 28128-E |
| Procurement Transaction Auditing Memo Account (PTAMA)..... | 19492-E |
| Reliability Costs Memorandum Account (RCMA)..... | 19493-E |
| Litigation Cost Memorandum Account (LCMA)..... | 20893-E |
| Community Choice Aggregation Surcharge Memo Account (CCASMA) | 19988-E |
| Independent Evaluator Memorandum Account (IEMA) | 22548-E |
| Community Choice Aggregation Procurement Memo Acct (CCAPMA) | 19703-E |
| CSI Performance-Based Incentive Memorandum Account (CSIPMA) | 19681-E |
| Renewables Portfolio Standard Cost Memorandum Account (RPSCMA) | 24939-E |
| Market Redesign Technology Upgrade Memo Account (MRTUMA)... | 22549-E |
| Gain/Loss On Sale Memorandum Account (GLOSMA)..... | 20157-E |
| Non-Residential Sub-metering Memo Account (NRSMA)... | 20474-E |
| Long Term Procurement Plan Technical Assistance Memo Acct (LTAMA) | 20640-E |
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| Disconnect Memorandum Account (DMA)..... | 22210-E |
| El Dorado Transition Cost Memorandum Account (EDTCMA) | 22408-E |
| Environmental Fee Memorandum Account (EFMA)... | 22098-E |
| General Rate Case Memorandum Account (GRCMA) | 22511-E |
| Energy Savings Assistance Programs Memo Acct (ESAPMA) | 23032-E |
| Greenhouse Gas Admin Costs Memo Account (GHGACMA) | 26134-E |
| Greenhouse Gas Customer Outreach and Education Memorandum Account (GHGCOEMA)..... | 23428-E |
| Alternative Fuel Vehicle Memorandum Account (AFVMA)..... | 28160-E |
| Residential Disconnect Memorandum Account (RDMA)..... | 25227-E |
| Mitsubishi Net Litigation Memorandum Account (MNLMA).... | 25578, 25579-E |
| Nuclear Fuel Cancellation Incentive Memo Account (NFCMA). | 25580-E |
| NEIL Net Litigation Memorandum Account (NNLMA)..... | 25581, 25582-E |
| SONGS 2&3 Permanent Closure Non-Investment Relates Expense (SPCEMA)..... | 25583-E |
| Deductible Tax Repairs Benefits Memo Account (DTRBMA).... | 27753-E |
| Marine Mitigation Memorandum Account (MMMA)..... | 27751, 27752-E |
| Green Tariff Shared Renewables Administrative Costs Memorandum Account (GTSRACMA)..... | 27434-E |
| Green Tariff Marketing, Edu & Outreach Memo Acct (GTME&OMA). | 27435-E |
| Enhanced Community Renewables Marketing, Education & Outreach Memorandum Account (ECRME&OMA)..... | 27436-E |
| Direct Participation Demand Response Memorandum Account | 26335-E |
| General Rate Case Memorandum Account 2016 (GRCMA2016) | 27754-E |
| Rate Reform Memorandum Account (RRMA) | 26407-E |
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| | |
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| Listing of Accounts | 20158-E |
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| Hazardous Substance Cleanup Cost Account (HSCCA) | 19503, 19504, 25384, 19506-19513-E |
| Competition Transition Charge Responsibility (CTCR) | 19514-E |
| Public Purpose Programs Adjustment Mechanism (PPPAM) | 20610, 19516-E |
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SCHEDULE OF RATES

| <u>SCHEDULE NUMBER</u> | <u>SERVICE</u> | <u>CAL. P.U.C. SHEET NO.</u> | |
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| | <u>Residential Rates</u> | | |
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| DR-TOU | Domestic Time-of-Use Service | 29907, 29908, 29909, 29910, 29911, 27659-E 25535, 26565-E | T |
| TOU-DR | Residential – Time of Use Service | 29912, 29913, 29914, 29915, 26057, 25542-E 29916, 29917, 29918, 29919-E | T T |
| DR-SES | Domestic Households with a Solar Energy System | 29920, 26571, 26572, 24335, 29921-E | T |
| E-CARE | California Alternate Rates for Energy | 26573, 29922, 26575, 26576, 26577, 26578-E 26579-E | T |
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| 142-02769 | 07-14 | NEM Aggregation Form..... | 25293-E |
| 142-02770 | 12-12 | Generation Credit Allocation Request Form..... | 23288-E |
| 142-02771 | 08-16 | Rule 21 Generator Interconnection Agreement (GIA)..... | 28051-E |
| 142-02772 | 06-14 | Rule 21 Detailed Study Agreement..... | 25065-E |
| 142-02773 | 08-16 | Interconnection App for Solar and/or Wind ONLY >30 Kw | 29492-E |
| 142-02774 | 08-16 | Interconnection App for Solar and/or Wind ONLY <30 Kw | 29493-E |
| 142-3201 | - - - | Residential Hotel Application for Residential Rates..... | 5380-E |
| 142-3242 | | Agreement for Exemption from Income Tax Component on Contributions and Refundable Advances..... | 6041-E |
| 142-4032 | 05-14 | Application for California Alternate Rates for Energy (CARE) Program for Qualified Agricultural Employee Housing Facilities..... | 27482-E |
| 142-4035 | 06-05 | Application for California Alternate Rates for Energy (CARE) Program for Migrant Farm Worker Housing Centers..... | 18415-E |
| 142-05200 | 08-16 | Generator Interconnection Agreement for Fast Track Process..... | 28054-E |
| 142-05201 | 08-16 | Exporting Generating Facility Interconnection Request..... | 28055-E |
| 142-05202 | 01-01 | Generating Facility Interconnection Application Agreement.... | 14152-E |
| 142-05203 | 08-16 | Generating Facility Interconnection Application..... | 28056-E |
| 142-05204 | 07-16 | Rule 21 Pre-Application Report Request..... | 27744-E |
| 142-05205 | 07-02 | Optional Binding Mandatory Curtailment Plan Contract..... | 17729-E |
| 142-05207 | 04-06 | Base Interruptible Program Contract..... | 23043-E |
| 142-05209 | 04-01 | No Insurance Declaration..... | 15476-E |
| 142-05210 | 06-04 | Rolling Blackout Reduction Program Contract..... | 18273-E |
| 142-05211 | 06-04 | Bill Protection Application..... | 18273-E |
| 142-05212 | 07-03 | Demand Bidding Program Non-Disclosure Agreement..... | 17152-E |
| 142-05215 | 04-06 | Third Party Marketer Agreement for BIP..... | 22975-E |

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| 142-05218 | 07-14 | Demand Bidding Program Contract..... | 25222-E |
| 142-05218-N | 07-14 | Demand Bidding Program Day Ahead (Navy Only) Contract..... | 26373-E |
| 142-05300 | 10-06 | Capacity Bidding Program Customer Contract..... | 19664-E |
| 142-05301 | 10-06 | Aggregator Agreement for Capacity Bidding Program (CBP)..... | 26161-E |
| 142-05302 | 10-06 | Notice to Add, Change, or Terminate Aggregator for Capacity Bidding Program..... | 26162-E |
| 142-05303 | 10-06 | Notice by Aggregator to Add or Delete Customer..... | 26163-E |
| 142-05213 | 07-03 | Technical Assistance Incentive Application..... | 16568-E |
| 142-05219 | 02-17 | Technical Incentive Program Application..... | 28856-E |
| 142-05219/1 | 02-17 | Technical Incentive Program Agreement..... | 28857-E |
| 142-0541 | 06-02 | Customer Generation Agreement..... | 15384-E |
| 142-0542 | 06-17 | Generating Facility Interconnection Agreement..... (3 rd Party Inadvertent Export) | 29058-E |
| 142-0543 | 06-17 | Generating Facility Interconnection Agreement..... (3 rd Party Non-Exporting) | 29059-E |
| 142-0544 | 06-17 | Generating Facility Interconnection Agreement..... (Inadvertent Export) | 29060-E |
| 142-0545 | 06-06 | Generating Facility Interconnection Agreement (Continuous Export)... | 19323-E |
| 142-0546 | 05-10 | Generation Bill Credit Transfer Allocation Request Form..... | 21852-E |
| 142-0600 | 06-13 | Joint IOU Standard Form Re-Mat Power Purchase Agreement..... | 23603-E |
| 142-0610 | 06-13 | SDG&E's Final Standard Form Re-Mat PPA | 23604-E |
| 143-359 | | Resident's Agreement for Water Heater Switch Credit..... | 3542-E |
| 143-00212 | | Service Agreement between the Customer and SDG&E for Optional UDC Meter Services..... | 11854-E |
| 143-359 | | Resident's Agreement for Water Heater Switch Credit..... | 3542-E |
| 143-459 | | Resident's Agreement for Air Conditioner or Water Heater Switch..... | 3543-E |
| 143-559 | | Owner's Agreement for Air Conditioner or Water Heater Switch Payment..... | 3544-E |
| 143-659 | | Owner's Agreement for Air Conditioner or Water Heater Switch..... | 3545-E |
| 143-759 | 12-97 | Owner's Agreement for Air Conditioner Switch Payment..... | 3699-E |
| 143-859 | 1-99 | Occupant's Agreement for Air Conditioner Switch Payment.... | 3700-E |
| 143-01212 | | Letter of Understanding between the Customer's Authorized Meter Supplier and SDG&E for Optional UDC Meter Services..... | 11855-E |
| 143-1459B | 12-97 | Thermal Energy Storage Agreement..... | 5505-E |
| 143-01759 | 12-97 | Meter Data and Communications Request..... | 11004-E |
| 143-01859 | 2-99 | Energy Service Provider Service Agreement..... | 10572-E |
| 143-01959 | 8-98 | Request for the Hourly PX Rate Option Service Agreement.... | 11005-E |
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| 143-02059 | 12-99 | Direct Access Service Request (DASR)..... | 13196-E |
| 143-02159 | 12-97 | Termination of Direct Access (English)..... | 11889-E |
| 143-02159/1 | 12-97 | Termination of Direct Access (Spanish)..... | 11890-E |
| 143-2259 | 12-97 | Departing Load Competition Transition Charge Agreement..... | 10629-E |
| 143-02359 | 12-97 | Customer Request for SDG&E to Perform Telecommunication Service..... | 11007-E |
| 143-02459 | 12-97 | ESP Request for SDG&E to Perform ESP Meter Services..... | 11008-E |
| 143-02659 | 3-98 | ESP Request to Receive Meter Installation/Maintenance Charges | 11175-E |
| 143-02759 | 12-17 | Direct Access Customer Relocation Declaration..... | 29838-E |
| 143-02760 | 12-12 | Six Month Notice to Return to Direct Access Service..... | 23319-E |
| 143-02761 | 01-12 | Six Month Notice to Return to Bundled Portfolio Service.... | 22730-E |
| 143-02762 | 02-13 | Direct Access Customer Assignment Affidavit..... | 23432-E |
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Issued by

Date Filed

Dec 15, 2017

Advice Ltr. No. 3162-E

Dan Skopec

Effective

Jan 14, 2018

Vice President

Decision No. 12-12-026

Regulatory Affairs

Resolution No.

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| 144-0810 | 03-08 | Critical Peak Pricing (CPP) Opt-Out Form..... | 20594-E |
| 144-0811 | 03-09 | Capacity Reservation Election..... | 21133-E |
| 144-0812 | 08-13 | Event Notification Form..... | 23703-E |
| 144-0813 | 08-13 | Future Communications Contact Information Form..... | 23704-E |
| 144-0820 | 01-16 | CISR-DRP..... | 27106-E |
| 144-0821 | 01-16 | DRP Service Agreement..... | 27107-E |
| 165-1000 | 06-09 | Participating Load Pilot Customer Contract..... | 21271-E |
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| 165-1001 | 06-09 | Aggregator Agreement for Participating Load Pilot..... | 21272-E |
| 165-1001/1 | 06-10 | Aggregator Agreement for Demand Response Wholesale Market Pilot.... | 22048-E |
| 165-1002 | 06-09 | Notice to Add, Change or Terminate Aggregator for PLP..... | 21273-E |
| 165-1002/1 | 06-10 | Notice to Add, Change or Terminate Aggregator for DRWMP..... | 22049-E |
| 165-1003 | 06-09 | Notice by Aggregator to Add or Delete Customers for PLP..... | 21274-E |
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| 175-1000 | 07-09 | Customer Energy Network – Terms and Conditions..... | 21298-E |
| 182-1000 | 11-13 | Renewable Energy Credits Compensation Agreement..... | 23970-E |
| 183-1000 | 07-14 | PEV Submetering Pilot (Phase I) Customer Enrollment Agreement..... | 26187-E |
| 183-2000 | 07-14 | Submeter MDMA Registration Agreement..... | 26188-E |
| 185-1000 | 02-14 | Customer Information Service Request Form..... | 24202-E |
| 185-2000 | 12-15 | Energy Efficiency Financing Pilot Programs Authorization or Revocation of Authorization to Release Customer Information..... | 26941-E |
| 187-1000 | 04-15 | Rule 33 Standard Non-Disclosure Agreement (NDA)..... | 26294-E |
| 187-2000 | 04-15 | Rule 33 Terms of Service Acceptance Form..... | 26295-E |
| 189-1000 | 11-14 | Mobilehome Park Utility Upgrade Agreement..... | 25558-E |
| 189-2000 | 11-14 | Mobilehome Park Utility Upgrade Application..... | 25559-E |
| 190-1000 | 10-15 | Bioenergy Market Adjusting Tariff Power Purchase Agreement..... | 26846-E |
| 190-2000 | 10-15 | Green Tariff Shared Renewables (GTSR) Enhanced Community Renewables (ECR) Program Project Development Tariff Rider and Amendment..... | 26874-E |
| 195-1000 | 05-17 | Station Power -Agreement for Energy Storage Devices..... | 28966-E |
| 200-1000 | 09/17 | Declaration of Eligibility for Foodbank Discount | 29285-E |
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| 144-0812 | 03-09 | Critical Peak Pricing - Event Notification Information Form | 21134-E |
| 144-0813 | 03-09 | Critical Peak Pricing - Future Communications Contact Information Form | 21135-E |
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| 160-1000 | 10-12 | Public Agency and Wastewater Agency Agreement..... | 23240-E |
| 160-2000 | 10-12 | Customer Renewable Energy Agreement..... | 23241-E |
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| 101-363 | 04-98 | Guarantor's Statement | 20604-E |
| 101-1652B | 04-08 | Receipt of Payment..... | 2501-E |
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| 108-01214 | 03-14 | Residential Meter Re-Read Verification | 24576-E |
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| 101-00753 | 03-14 | Back of Urgent Notice Applicable to Forms 101-00753/1 through 101-00753/11..... | 24579-E |
| 101-00753/1 | 04-11 | Urgent Notice Payment Request Security Deposit to Establish Credit..... | 22325-E |
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| 101-00753/3 | 04-11 | Urgent Notice Payment Request for Past Due Security Deposit..... | 22326-E |
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| 101-00753/5 | 02-04 | Urgent Notice Payment Request for Returned Payment..... | 16948-E |
| 101-00753/6 | 02-04 | Urgent Notice Payment Request for Final Bill..... | 16949-E |
| 101-00753/7 | 02-04 | Urgent - Sign Up Notice for Service..... | 16950-E |
| 101-00753/8 | 02-04 | Reminder Notice – Payment Request for Past Due Bill..... | 16951-E |
| 101-00753/9 | 02-04 | Closing Bill Transfer Notification..... | 16952-E |
| 101-00753/10 | 03-14 | Payment Agreement Confirmation..... | 24580-E |
| 101-00753/11 | 02-04 | ESP Reminder Notice – Payment Request for Past Due Bill..... | 16954-E |
| 101-00754 | 03-14 | Final Notice Before Disconnection (mailed), Notice of Past Due Closing Bill, and Notice of Past Due Closing Bill Final Notice..... | 24581-E |
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| 101-01072 | 08-14 | Notice of Disconnect (delivered)..... | 25420-E |
| 101-01073 | 05-14 | Notice of Shut-off (Mailed)..... | 24851-E |
| 101-02171 | 05-10 | Notice to Landlord - Termination of Tenant's Gas/Electric Service (two or more units)..... | 21885-E |
| 101-02172 | 03-14 | Notice of Disconnect (MDTs)..... | 24582-E |
| 101-2452G | 02-04 | Notice to Tenants - Request for Termination of Gas and Electric Service Customer Payment Notification..... | 16959-E |
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| 101-2371 | 11-95 | No Access Notice..... | 8826-E |
| 101-3052B | 3-69 | Temporary "After Hour" Turn On Notice..... | 2512-E |
| 101-15152B | 3-69 | Door Knob Meter Reading Card..... | 2515-E |
| 107-04212 | 4-99 | Notice of Temporary Electric Service Interruption (English & Spanish)..... | 12055-E |
| 115-00363/2 | 9-00 | Sorry We Missed You..... | 13905-E |
| 115-002363 | 9-00 | Electric Meter Test..... | 13906-E |
| 115-7152A | | Access Problem Notice..... | 3694-E |
| 124-70A | | No Service Tag..... | 2514-E |

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ATTACHMENT C

STATEMENT OF PROPOSED RATES INCREASE

The Table below presents the illustrative class average electric rate impacts (i.e., rate increases) associated with the proposals and related revenue requirements proposed in this Application for the period 2020 through 2023. Further details regarding the proposed cost recovery and revenue requirements can be found in the direct testimony of Kellen C. Gill and direct testimony of Michael R. Woodruff /James G. Vanderhye Jr.

Class Average Rates Impact

| | Current 1/1/18 (¢/kWh) | 2020 | | | 2021 | | | 2022 | | | 2023 | | |
|-----------------------------|------------------------------|-----------------------------|--------------------------------------|----------------------------------|-----------------------------|--------------------------------------|----------------------------------|-----------------------------|--------------------------------------|----------------------------------|-----------------------------|--------------------------------------|----------------------------------|
| | | Proposed Rate (¢/kWh) | Change from Current (¢/kWh) | Change from Current (%) | Proposed Rate (¢/kWh) | Change from Current (¢/kWh) | Change from Current (%) | Proposed Rate (¢/kWh) | Change from Current (¢/kWh) | Change from Current (%) | Proposed Rate (¢/kWh) | Change from Current (¢/kWh) | Change from Current (%) |
| Residential | 27.561 | 27.714 | 0.153 | 0.56% | 27.788 | 0.227 | 0.82% | 27.779 | 0.218 | 0.79% | 27.769 | 0.208 | 0.75% |
| Small Comm. | 26.242 | 26.400 | 0.158 | 0.60% | 26.478 | 0.236 | 0.90% | 26.468 | 0.226 | 0.86% | 26.457 | 0.215 | 0.82% |
| Med & Lg C&I | 21.385 | 21.473 | 0.088 | 0.41% | 21.510 | 0.125 | 0.58% | 21.505 | 0.120 | 0.56% | 21.499 | 0.114 | 0.53% |
| Agriculture | 19.468 | 19.570 | 0.102 | 0.52% | 19.615 | 0.147 | 0.76% | 19.610 | 0.142 | 0.73% | 19.603 | 0.135 | 0.69% |
| Lighting | 21.635 | 21.808 | 0.173 | 0.80% | 21.894 | 0.259 | 1.20% | 21.883 | 0.248 | 1.15% | 21.871 | 0.236 | 1.09% |
| System Total | 23.997 | 24.116 | 0.119 | 0.50% | 24.170 | 0.173 | 0.72% | 24.163 | 0.166 | 0.69% | 24.155 | 0.158 | 0.66% |

ATTACHMENT D

ORIGINAL COST AND DEPRECIATION

SAN DIEGO GAS & ELECTRIC COMPANY

**COST OF PROPERTY AND
DEPRECIATION RESERVE APPLICABLE THERETO
AS OF SEPTEMBER 30, 2017**

| <u>No.</u> | <u>Account</u> | <u>Original Cost</u> | <u>Reserve for Depreciation and Amortization</u> |
|----------------------------|---------------------------------------|--------------------------|--|
| ELECTRIC DEPARTMENT | | | |
| 302 | Franchises and Consents | 222,841.36 | 202,900.30 |
| 303 | Misc. Intangible Plant | <u>173,853,295.61</u> | <u>100,757,286.73</u> |
| | TOTAL INTANGIBLE PLANT | <u>174,076,136.97</u> | <u>100,960,187.03</u> |
| 310.1 | Land | 14,526,518.29 | 46,518.29 |
| 310.2 | Land Rights | 0.00 | 0.00 |
| 311 | Structures and Improvements | 96,426,870.08 | 45,809,590.00 |
| 312 | Boiler Plant Equipment | 170,106,000.10 | 77,532,091.53 |
| 314 | Turbogenerator Units | 138,276,524.45 | 53,328,056.32 |
| 315 | Accessory Electric Equipment | 85,828,855.55 | 38,538,182.32 |
| 316 | Miscellaneous Power Plant Equipment | 48,921,056.89 | 12,552,954.74 |
| | Steam Production Decommissioning | <u>0.00</u> | <u>0.00</u> |
| | TOTAL STEAM PRODUCTION | <u>554,085,825.36</u> | <u>227,807,393.20</u> |
| 320.1 | Land | 0.00 | 0.00 |
| 320.2 | Land Rights | 0.00 | 0.00 |
| 321 | Structures and Improvements | 27,285,711.08 | 2,658,162.87 |
| 322 | Boiler Plant Equipment | 243,225,717.06 | 21,662,290.99 |
| 323 | Turbogenerator Units | 26,982,364.66 | 2,370,893.39 |
| 324 | Accessory Electric Equipment | 10,878,214.63 | 1,458,232.53 |
| 325 | Miscellaneous Power Plant Equipment | 166,754,468.81 | 48,807,803.51 |
| 101 | SONGS PLANT CLOSURE GROSS PLANT- | <u>(475,126,476.33)</u> | <u>(76,957,383.29)</u> |
| | TOTAL NUCLEAR PRODUCTION | <u>(0.09)</u> | <u>0.00</u> |
| 340.1 | Land | 224,368.91 | 0.00 |
| 340.2 | Land Rights | 56,032.61 | 10,749.79 |
| 341 | Structures and Improvements | 22,998,376.59 | 7,920,554.57 |
| 342 | Fuel Holders, Producers & Accessories | 21,368,232.01 | 7,222,009.82 |
| 343 | Prime Movers | 94,575,339.90 | 37,439,185.01 |
| 344 | Generators | 363,096,532.25 | 143,974,857.00 |
| 345 | Accessory Electric Equipment | 32,510,919.85 | 13,634,825.82 |
| 346 | Miscellaneous Power Plant Equipment | <u>28,737,787.92</u> | <u>14,073,088.26</u> |
| | TOTAL OTHER PRODUCTION | <u>563,567,590.04</u> | <u>224,275,270.27</u> |
| | TOTAL ELECTRIC PRODUCTION | <u>1,117,653,415.31</u> | <u>452,082,663.47</u> |

| <u>No.</u> | <u>Account</u> | <u>Original Cost</u> | <u>Reserve for Depreciation and Amortization</u> |
|------------|---|--------------------------|--|
| 350.1 | Land | 72,885,534.18 | 0.00 |
| 350.2 | Land Rights | 161,003,639.68 | 21,843,806.50 |
| 352 | Structures and Improvements | 493,795,041.52 | 70,379,588.29 |
| 353 | Station Equipment | 1,532,187,648.29 | 303,172,828.94 |
| 354 | Towers and Fixtures | 895,325,171.21 | 169,719,035.57 |
| 355 | Poles and Fixtures | 523,088,584.70 | 103,621,800.13 |
| 356 | Overhead Conductors and Devices | 603,020,523.48 | 231,204,138.49 |
| 357 | Underground Conduit | 359,887,249.66 | 59,181,093.59 |
| 358 | Underground Conductors and Devices | 377,369,140.09 | 58,242,015.97 |
| 359 | Roads and Trails | 315,987,111.57 | 32,067,795.45 |
| 101 | SONGS PLANT CLOSURE GROSS PLANT- | 0.00 | 0.00 |
| | TOTAL TRANSMISSION | <u>5,334,549,644.38</u> | <u>1,049,432,102.93</u> |
| 360.1 | Land | 16,176,227.80 | 0.00 |
| 360.2 | Land Rights | 86,479,481.17 | 42,133,980.29 |
| 361 | Structures and Improvements | 4,650,797.97 | 1,801,462.69 |
| 362 | Station Equipment | 513,755,796.72 | 182,003,577.12 |
| 363 | Storage Battery Equipment | 118,782,258.39 | 14,025,173.10 |
| 364 | Poles, Towers and Fixtures | 702,054,263.80 | 271,602,010.57 |
| 365 | Overhead Conductors and Devices | 664,497,338.22 | 212,012,383.15 |
| 366 | Underground Conduit | 1,220,991,318.98 | 481,636,260.78 |
| 367 | Underground Conductors and Devices | 1,521,381,120.58 | 908,791,483.69 |
| 368.1 | Line Transformers | 615,728,544.51 | 156,029,397.11 |
| 368.2 | Protective Devices and Capacitors | 35,586,463.68 | 6,983,094.16 |
| 369.1 | Services Overhead | 157,001,427.50 | 118,824,004.14 |
| 369.2 | Services Underground | 349,772,158.00 | 246,864,997.53 |
| 370.1 | Meters | 192,127,177.87 | 86,929,608.28 |
| 370.2 | Meter Installations | 56,342,857.93 | 22,734,114.70 |
| 371 | Installations on Customers' Premises | 9,096,091.24 | 10,329,022.94 |
| 373.1 | St. Lighting & Signal Sys.-Transformers | 0.00 | 0.00 |
| 373.2 | Street Lighting & Signal Systems | 30,290,377.74 | 19,198,434.24 |
| | TOTAL DISTRIBUTION PLANT | <u>6,294,713,702.10</u> | <u>2,781,899,004.49</u> |
| 389.1 | Land | 7,312,142.54 | 0.00 |
| 389.2 | Land Rights | 0.00 | 0.00 |
| 390 | Structures and Improvements | 42,751,891.65 | 24,800,134.11 |
| 392.1 | Transportation Equipment - Autos | 0.00 | 49,884.21 |
| 392.2 | Transportation Equipment - Trailers | 58,145.67 | 15,475.12 |
| 393 | Stores Equipment | 2,940.48 | 2,781.68 |
| 394.1 | Portable Tools | 26,920,293.82 | 8,847,442.99 |
| 394.2 | Shop Equipment | 278,147.42 | 198,328.08 |
| 395 | Laboratory Equipment | 5,152,106.01 | 648,939.97 |
| 396 | Power Operated Equipment | 60,528.93 | 117,501.67 |
| 397 | Communication Equipment | 281,213,449.55 | 113,370,644.90 |
| 398 | Miscellaneous Equipment | 7,630,452.47 | 1,294,011.38 |
| | TOTAL GENERAL PLANT | <u>371,380,098.54</u> | <u>149,345,144.11</u> |
| 101 | TOTAL ELECTRIC PLANT | <u>13,292,372,997.30</u> | <u>4,533,719,102.03</u> |

| <u>No.</u> | <u>Account</u> | <u>Original Cost</u> | <u>Reserve for Depreciation and Amortization</u> |
|------------------|--|-------------------------|--|
| GAS PLANT | | | |
| 302 | Franchises and Consents | 86,104.20 | 86,104.20 |
| 303 | Miscellaneous Intangible Plant | 0.00 | 0.00 |
| | TOTAL INTANGIBLE PLANT | <u>86,104.20</u> | <u>86,104.20</u> |
| 360.1 | Land | 0.00 | 0.00 |
| 361 | Structures and Improvements | 0.00 | 0.00 |
| 362.1 | Gas Holders | 0.00 | 0.00 |
| 362.2 | Liquefied Natural Gas Holders | 0.00 | 0.00 |
| 363 | Purification Equipment | 0.00 | 0.00 |
| 363.1 | Liquefaction Equipment | 0.00 | 0.00 |
| 363.2 | Vaporizing Equipment | 0.00 | 0.00 |
| 363.3 | Compressor Equipment | 0.00 | 0.00 |
| 363.4 | Measuring and Regulating Equipment | 0.00 | 0.00 |
| 363.5 | Other Equipment | 0.00 | 0.00 |
| 363.6 | LNG Distribution Storage Equipment | 2,242,164.87 | 1,154,420.56 |
| | TOTAL STORAGE PLANT | <u>2,242,164.87</u> | <u>1,154,420.56</u> |
| 365.1 | Land | 4,649,143.75 | 0.00 |
| 365.2 | Land Rights | 2,232,291.80 | 1,418,275.80 |
| 366 | Structures and Improvements | 19,300,808.67 | 10,323,836.04 |
| 367 | Mains | 232,589,901.62 | 79,892,076.06 |
| 368 | Compressor Station Equipment | 90,884,464.97 | 69,778,064.10 |
| 369 | Measuring and Regulating Equipment | 23,394,274.74 | 16,993,255.73 |
| 371 | Other Equipment | 1,790,612.34 | 31,126.74 |
| | TOTAL TRANSMISSION PLANT | <u>374,841,497.89</u> | <u>178,436,634.47</u> |
| 374.1 | Land | 1,083,616.95 | 0.00 |
| 374.2 | Land Rights | 8,331,838.10 | 7,028,107.40 |
| 375 | Structures and Improvements | 43,446.91 | 61,253.10 |
| 376 | Mains | 1,077,139,734.63 | 381,310,688.56 |
| 378 | Measuring & Regulating Station Equipment | 18,076,116.89 | 8,344,831.83 |
| 380 | Distribution Services | 279,305,858.30 | 296,870,962.29 |
| 381 | Meters and Regulators | 158,677,113.71 | 59,423,629.40 |
| 382 | Meter and Regulator Installations | 103,639,405.40 | 42,029,010.17 |
| 385 | Ind. Measuring & Regulating Station Equipm | 1,516,810.70 | 1,223,550.98 |
| 386 | Other Property On Customers' Premises | 0.00 | 0.00 |
| 387 | Other Equipment | 11,402,088.90 | 5,202,530.59 |
| | TOTAL DISTRIBUTION PLANT | <u>1,659,216,030.49</u> | <u>801,494,564.32</u> |

| <u>No.</u> | <u>Account</u> | <u>Original Cost</u> | <u>Reserve for Depreciation and Amortization</u> |
|---------------------|---|--------------------------|--|
| 392.1 | Transportation Equipment - Autos | 0.00 | 25,503.00 |
| 392.2 | Transportation Equipment - Trailers | 44,627.10 | 44,627.23 |
| 394.1 | Portable Tools | 10,310,176.87 | 3,877,603.58 |
| 394.2 | Shop Equipment | 53,038.12 | 29,779.24 |
| 395 | Laboratory Equipment | 0.00 | (7,344.15) |
| 396 | Power Operated Equipment | 16,162.40 | 10,320.96 |
| 397 | Communication Equipment | 2,175,724.02 | 691,112.64 |
| 398 | Miscellaneous Equipment | 466,038.81 | 84,466.10 |
| | TOTAL GENERAL PLANT | <u>13,065,767.32</u> | <u>4,756,068.60</u> |
| 101 | TOTAL GAS PLANT | <u>2,049,451,564.77</u> | <u>985,927,792.15</u> |
| COMMON PLANT | | | |
| 303 | Miscellaneous Intangible Plant | 430,129,671.50 | 289,012,973.72 |
| 350.1 | Land | 0.00 | 0.00 |
| 360.1 | Land | 0.00 | 0.00 |
| 389.1 | Land | 7,168,914.56 | 0.00 |
| 389.2 | Land Rights | 857,384.59 | 27,776.34 |
| 390 | Structures and Improvements | 379,414,111.54 | 154,139,377.79 |
| 391.1 | Office Furniture and Equipment - Other | 35,076,061.00 | 13,247,708.82 |
| 391.2 | Office Furniture and Equipment - Computer E | 34,541,735.76 | 11,781,563.55 |
| 392.1 | Transportation Equipment - Autos | 406,418.22 | (264,738.47) |
| 392.2 | Transportation Equipment - Trailers | 107,976.46 | (5,404.50) |
| 393 | Stores Equipment | 345,381.86 | 13,382.44 |
| 394.1 | Portable Tools | 1,446,233.62 | 403,559.59 |
| 394.2 | Shop Equipment | 142,759.33 | 87,644.08 |
| 394.3 | Garage Equipment | 1,607,265.62 | 293,547.37 |
| 395 | Laboratory Equipment | 1,925,371.62 | 883,510.42 |
| 396 | Power Operated Equipment | 0.00 | (192,979.10) |
| 397 | Communication Equipment | 168,721,437.76 | 66,286,510.31 |
| 398 | Miscellaneous Equipment | 2,230,872.92 | 355,277.96 |
| 118.1 | TOTAL COMMON PLANT | <u>1,064,121,596.36</u> | <u>536,069,710.32</u> |
| | TOTAL ELECTRIC PLANT | 13,292,372,997.30 | 4,533,719,102.03 |
| | TOTAL GAS PLANT | 2,049,451,564.77 | 985,927,792.15 |
| | TOTAL COMMON PLANT | <u>1,064,121,596.36</u> | <u>536,069,710.32</u> |
| 101 & 118.1 | TOTAL | <u>16,405,946,158.43</u> | <u>6,055,716,604.50</u> |
| 101 | PLANT IN SERV-SONGS FULLY RECOVER | <u>0.00</u> | <u>0.00</u> |
| 101 | PLANT IN SERV-ELECTRIC NON-RECON | | |
| | Electric | 0.00 | 0.00 |
| | Gas | 0.00 | 0.00 |
| | Common | 0.00 | 0.00 |
| | | <u>0.00</u> | <u>0.00</u> |

| <u>No.</u> | <u>Account</u> | <u>Original Cost</u> | <u>Reserve for Depreciation and Amortization</u> |
|------------|--|-------------------------|--|
| 101 | PLANT IN SERV-ASSETS HELD FOR SALE | | |
| | Electric | 0.00 | 0.00 |
| | Common | 0.00 | 0.00 |
| | | <u>0.00</u> | <u>0.00</u> |
| 101 | PLANT IN SERV-LEGACY METER RECLASS | | |
| | Electric | 0.00 | 0.00 |
| | | <u>0.00</u> | <u>0.00</u> |
| 101 | PLANT IN SERV-PP TO SAP OUT OF BAL | | |
| | Electric | 0.00 | 0.00 |
| | | <u>0.00</u> | <u>0.00</u> |
| 118 | PLANT IN SERV-COMMON NON-RECON | | |
| | Common - Transferred Asset Adjustment | (1,540,513.52) | (1,540,513.52) |
| | | <u>(1,540,513.52)</u> | <u>(1,540,513.52)</u> |
| 101 | Accrual for Retirements | | |
| | Electric | (4,487,613.12) | (4,487,613.12) |
| | Gas | (119,823.92) | (119,823.92) |
| | | <u>(4,607,437.04)</u> | <u>(4,607,437.04)</u> |
| | TOTAL PLANT IN SERV-ACCRUAL FOR RE | <u>(4,607,437.04)</u> | <u>(4,607,437.04)</u> |
| 102 | Electric | 0.00 | 0.00 |
| | Gas | 0.00 | 0.00 |
| | | <u>0.00</u> | <u>0.00</u> |
| | TOTAL PLANT PURCHASED OR SOLD | <u>0.00</u> | <u>0.00</u> |
| 104 | Electric | 85,194,000.02 | 16,388,764.14 |
| | Gas | 0.00 | 0.00 |
| | | <u>85,194,000.02</u> | <u>16,388,764.14</u> |
| | TOTAL PLANT LEASED TO OTHERS | <u>85,194,000.02</u> | <u>16,388,764.14</u> |
| 105 | Plant Held for Future Use | | |
| | Electric | 4,941,794.28 | 0.00 |
| | Gas | 0.00 | 0.00 |
| | | <u>4,941,794.28</u> | <u>0.00</u> |
| | TOTAL PLANT HELD FOR FUTURE USE | <u>4,941,794.28</u> | <u>0.00</u> |
| 107 | Construction Work in Progress | | |
| | Electric | 1,057,778,627.52 | |
| | Gas | 115,796,735.80 | |
| | Common | 162,811,269.30 | |
| | | <u>1,336,386,632.62</u> | <u>0.00</u> |
| | TOTAL CONSTRUCTION WORK IN PROGRESS | <u>1,336,386,632.62</u> | <u>0.00</u> |
| 108 | Accum. Depr SONGS Mitigation/Spent Fuel Disallowance | | |
| | Electric | 0.00 | 0.00 |
| | | <u>0.00</u> | <u>0.00</u> |

| <u>No.</u> | <u>Account</u> | <u>Original Cost</u> | <u>Reserve for Depreciation and Amortization</u> |
|------------|--|----------------------|--|
| 108.5 | Accumulated Nuclear Decommissioning Electric | 0.00 | 1,040,589,155.49 |
| | TOTAL ACCUMULATED NUCLEAR DECOMMISSIONING | 0.00 | 1,040,589,155.49 |
| 101.1 | ELECTRIC CAPITAL LEASES | 1,352,823,281.00 | 255,026,794.00 |
| 118.1 | COMMON CAPITAL LEASE | 21,664,770.35 | 20,855,546.16 |
| | | 1,374,488,051.35 | 275,882,340.16 |
| 120 | NUCLEAR FUEL FABRICATION | 62,963,775.37 | 40,861,208.00 |
| 120 | SONGS PLANT CLOSURE-NUCLEAR FUEL | (62,963,775.37) | (40,861,208.00) |
| 143 | FAS 143 ASSETS - Legal Obligation | 17,240,858.67 | (1,035,943,589.77) |
| | SONGS Plant Closure - FAS 143 contra | 0.00 | 0.00 |
| | FIN 47 ASSETS - Non-Legal Obligation | 84,742,931.67 | 36,274,061.81 |
| 143 | FAS 143 ASSETS - Legal Obligation | 0.00 | (1,544,599,334.35) |
| | TOTAL FAS 143 | 101,983,790.34 | (2,544,268,862.31) |
| | UTILITY PLANT TOTAL | 19,302,792,476.48 | 4,838,160,051.42 |

ATTACHMENT E

SUMMARY OF EARNINGS

SAN DIEGO GAS & ELECTRIC COMPANY
SUMMARY OF EARNINGS
Nine Months Ended September 30, 2017
(\$ IN MILLIONS)

| <u>Line No.</u> | <u>Item</u> | <u>Amount</u> |
|-----------------|----------------------------|---------------|
| 1 | Operating Revenue | \$ 3,387 |
| 2 | Operating Expenses | <u>3,018</u> |
| 3 | Net Operating Income | <u>\$ 369</u> |
| 4 | Weighted Average Rate Base | \$ 8,387 |
| 5 | Rate of Return* | 7.79% |

*Authorized Cost of Capital

ATTACHMENT F

**SERVICE LIST - NOTICE TO STATE, CITIES
AND COUNTIES**

State of California
Attorney General's Office
P.O. Box 944255
Sacramento, CA 94244-2550

State of California
Attn. Director Dept of General
Services
PO Box 989052
West Sacramento, CA 95798-9052

Department of U.S. Administration
General Services Administration
300 N. Los Angeles St. #3108
Los Angeles, CA 90012

Naval Facilities Engineering
Command
Navy Rate Intervention
1314 Harwood Street SE
Washing Navy Yard, DC 20374

Alpine County
Attn. County Clerk
99 Water Street, P.O. Box 158
Markleeville, CA 96120

Borrego Springs Chamber of
Commerce Attn. City Clerk
786 Palm Canyon Dr
PO Box 420
Borrego Springs CA 92004-0420

City of Carlsbad
Attn. City Attorney
1200 Carlsbad Village Drive
Carlsbad, CA 92008-19589

City of Carlsbad
Attn. Office of the County Clerk
1200 Carlsbad Village Drive
Carlsbad, CA 92008-19589

City of Chula Vista
Attn: Office of the City Clerk
276 Fourth Avenue
Chula Vista, California 91910-2631

City of Chula Vista
Attn. City Attorney
276 Fourth Ave
Chula Vista, Ca 91910-2631

City of Coronado
Attn. Office of the City Clerk
1825 Strand Way
Coronado, CA 92118

City of Coronado
Attn. City Attorney
1825 Strand Way
Coronado, CA 92118

City of Dana Point
Attn. City Attorney
33282 Golden Lantern
Dana Point, CA 92629

City of Dana Point
Attn. City Clerk
33282 Golden Lantern
Dana Point, CA 92629

City of Del Mar
Attn. City Attorney
1050 Camino Del Mar
Del Mar, CA 92014

City of Del Mar
Attn. City Clerk
1050 Camino Del Mar
Del Mar, CA 92014

City of El Cajon
Attn. City Clerk
200 Civic Way
El Cajon, CA 92020

City of El Cajon
Attn. City Attorney
200 Civic Way
El Cajon, CA 92020

City of Encinitas
Attn. City Attorney
505 S. Vulcan Ave.
Encinitas, CA 92024

City of Encinitas
Attn. City Clerk
505 S. Vulcan Ave.
Encinitas, CA 92024

City of Escondido
Attn. City Clerk
201 N. Broadway
Escondido, CA 92025

City of Escondido
Attn. City Attorney
201 N. Broadway
Escondido, CA 92025

City of Fallbrook
Chamber of Commerce
Attn. City Clerk
111 S. Main Avenue
Fallbrook, CA 92028

City of Fallbrook
Chamber of Commerce
Attn. City Attorney
111 S. Main Avenue
Fallbrook, CA 92028

City of Imperial Beach
Attn. City Clerk
825 Imperial Beach Blvd
Imperial Beach, CA 92032

City of Imperial Beach
Attn. City Attorney
825 Imperial Beach Blvd
Imperial Beach, CA 92032

Julian Chamber of Commerce
P.O. Box 1866
2129 Main Street
Julian, CA

City of Laguna Beach
Attn. City Clerk
505 Forest Ave
Laguna Beach, CA 92651

City of Laguna Beach
Attn. City Attorney
505 Forest Ave
Laguna Beach, CA 92651

City of Laguna Niguel
Attn. City Attorney
30111 Crown Valley Parkway
Laguna Niguel, California 92677

City of Laguna Niguel
Attn. City Clerk
30111 Crown Valley Parkway
Laguna Niguel, California 92677

City of Lakeside
Attn. City Clerk
9924 Vine Street
Lakeside CA 92040

City of La Mesa
Attn. City Attorney
8130 Allison Avenue
La Mesa, CA 91941

City of La Mesa
Attn. City Clerk
8130 Allison Avenue
La Mesa, CA 91941

City of Lemon Grove
Attn. City Clerk
3232 Main St.
Lemon Grove, CA 92045

City of Lemon Grove
Attn. City Attorney
3232 Main St.
Lemon Grove, CA 92045

City of Mission Viejo
Attn: City Clerk
200 Civic Center
Mission Viejo, CA 92691

City of Mission Viejo
Attn: City Attorney
200 Civic Center
Mission Viejo, CA 92691

City of National City
Attn. City Clerk
1243 National City Blvd
National City, CA 92050

City of National City
Attn. City Attorney
1243 National City Blvd
National City, CA 92050

City of Oceanside
Attn. City Clerk
300 N. Coast Highway
Oceanside, CA 92054-2885

City of Oceanside
Attn. City Attorney
300 N. Coast Highway
Oceanside, CA 92054-2885

County of Orange
Attn. County Counsel
P.O. Box 1379
Santa Ana, CA 92702

County of Orange
Attn. County Clerk
12 Civic Center Plaza, Room 101
Santa Ana, CA 92701

City of Poway
Attn. City Clerk
P.O. Box 789
Poway, CA 92064

City of Poway
Attn. City Attorney
P.O. Box 789
Poway, CA 92064

City of Ramona
Attn. City Clerk
960 Main Street
Ramona, CA 92065

City of Ramona
Attn. City Attorney
960 Main Street
Ramona, CA 92065

City of San Diego
Attn. Mayor
202 C Street, 11th Floor
San Diego, CA 92101

City of San Clemente
Attn. City Clerk
100 Avenida Presidio
San Clemente, CA 92672

City of San Clemente
Attn. City Attorney
100 Avenida Presidio
San Clemente, CA 92672

County of San Diego
Attn. County Counsel
1600 Pacific Hwy
San Diego, CA 92101

County of San Diego
Attn. County Clerk
P.O. Box 121750
San Diego, CA 92101

City of San Diego
Attn. City Attorney
1200 Third Ave.
Suite 1620
San Diego, CA 92101

City of San Diego
Attn. City Clerk
202 C Street, 2nd Floor
San Diego, CA 92101

City of San Marcos
Attn. City Attorney
1 Civic Center Dr.
San Marcos, CA 92069

City of San Marcos
Attn. City Clerk
1 Civic Center Dr.
San Marcos, CA 92069

City of Santee
Attn. City Clerk
10601 Magnolia Avenue
Santee, CA 92071

City of Santee
Attn. City Attorney
10601 Magnolia Avenue
Santee, CA 92071

City of Solana Beach
Attn. City Attorney
635 S. Highway 101
Solana Beach, CA 92075

Spring Valley Chamber of
Commerce
Attn. City Clerk
3322 Sweetwater Springs Blvd,
Ste. 202
Spring Valley, CA 91977-3142

Valley Center Chamber of
Commerce
Attn. City Clerk
P.O. Box 8
Valley Center, CA 92082

City of Vista
Attn. City Attorney
200 Civic Center Drive, Bldg. K
Vista, CA 92084

City of Vista
Attn. City Clerk
200 Civic Center Drive
Vista, CA 92084

City of Aliso Viejo
12 Journey
Aliso Viejo, CA 92656