



BEFORE THE PUBLIC UTILITIES COMMISSION OF THE  
STATE OF CALIFORNIA

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Application of Southern California Edison )  
Company (U 338-E) for Approval of its 2017 ) A1701021 Application No. 17-01-\_\_\_\_  
Transportation Electrification Proposals. ) (Filed January 20, 2017)  
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**APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) FOR  
APPROVAL OF ITS 2017 TRANSPORTATION ELECTRIFICATION PROPOSALS**

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**APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) FOR  
APPROVAL OF ITS 2017 TRANSPORTATION ELECTRIFICATION PROPOSALS**

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**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE  
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Application of Southern California Edison  
Company (U 338-E) for Approval of its 2017  
Transportation Electrification Proposals.

Application No. 17-01-\_\_\_\_\_  
(Filed January 20, 2017)

**APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) FOR  
APPROVAL OF ITS 2017 TRANSPORTATION ELECTRIFICATION PROPOSALS**

**I.**

**INTRODUCTION**

Pursuant to Articles 1 and 2 of the Rules of Practice and Procedure of the California Public Utilities Commission (Commission or CPUC) and Commissioner Carla Peterman’s September 14, 2016 Assigned Commissioner Ruling Regarding the Filing of Transportation Electrification Applications Pursuant to Senate Bill 350 (ACR),<sup>1</sup> Southern California Edison Company (SCE) hereby respectfully files this application and requests that the Commission approve its 2017 transportation electrification proposals, as described herein. SCE’s proposal consists of this application and supporting testimony (preliminarily identified as Exhibit SCE-01).

**II.**

**SUMMARY OF SCE’S REQUESTS**

In this application, SCE requests Commission approval of its 2017 transportation electrification proposals, which include: (1) Residential Make-Ready Rebate Pilot, (2) Electric

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<sup>1</sup> Assigned Commissioner Ruling Regarding the Filing of Transportation Electrification Applications Pursuant to Senate Bill 350, issued September 14, 2016, in Rulemaking (R.) 13-11-007.

Vehicle Driver Rideshare Reward Pilot, (3) Urban Direct Current Fast Charge Clusters Pilot, (4) Port of Long Beach Rubber Tire Gantry Crane Electrification Project, (5) Port of Long Beach ITS Terminal Yard Tractor Project, (6) Electric Transit Bus Make-Ready Project, (7) Medium- and Heavy-Duty Vehicle Charging Infrastructure Program, and (8) New Commercial Electric Vehicle Rate Proposal to Promote Electric Vehicle Adoption.

### III.

#### **ORGANIZATION OF SCE'S TESTIMONY**

SCE's testimony submitted in support of this application is comprised of five chapters, summarized as follows:

Chapter I – Introduction provides a brief summary of SCE's proposals and the impetus for this application;

Chapter II – Vision for Transportation Electrification to Reduce Emissions and Drive Innovation provides background on the need for transportation electrification, state environmental goals, benefits of transportation electrification, and SCE's role in transportation electrification;

Chapter III – SCE's Transportation Electrification Portfolio describes SCE's proposed pilots, projects, programs, and rate proposal; implementation plans; and projected costs;

Chapter IV – SCE's Portfolio Follows the ACR's Guidelines explains how SCE's proposals comply with requirements and guidance from the Assigned Commissioner's Ruling; and

Chapter V – Cost Recovery discusses creation of a new balancing account, proposed reasonableness review, and estimated revenue requirements.

### IV.

#### **EXECUTIVE SUMMARY**

SCE proposes a portfolio of near-term, priority-review projects and longer-term, standard-review programs aimed at accelerating the widespread adoption of transportation electrification (TE). SCE's proposed TE Portfolio includes three projects aimed at accelerating

light-duty electric vehicle (EV) adoption, two projects to promote electrification at the Port of Long Beach (POLB), one project to accelerate electric transit bus adoption, one standard-review program providing charging infrastructure for medium- and heavy-duty vehicles and non-road equipment used for goods and people movement, and one commercial EV rate proposal to promote EV adoption. SCE's plan to advance transportation electrification as set forth in this application is a crucial step toward achieving high levels of electric vehicle adoption as quickly and affordably as possible to support California's environmental goals while providing direct customer benefits over the long term.

Transportation electrification—transforming the transportation sector from being primarily fueled by fossil fuels to being fueled by clean electric power—offers important opportunities for California to reduce greenhouse gas (GHG) emissions and criteria pollutants and could provide rate benefits to all customers. Broad-based transportation electrification is essential for California to meet its ambitious climate goals by 2030. Through this application, SCE enthusiastically joins the state in accelerating these opportunities to support a clean energy future.

To achieve state, federal, and local goals, all segments of TE are essential, but are in various stages of technological and market development. SCE's proposed portfolio of programs and pilots supports each stage of development, tailored to support the phase that each segment is in currently. SCE will enable the fueling of electric vehicles through additional infrastructure, provision of increasingly clean power to SCE's customers, and integration of that power with EVs through the electric grid. Through its proposed programs, SCE will enable faster adoption of electric vehicles in new vehicle segments (including medium- and heavy-duty vehicles used for goods and people movement) by (1) providing utility distribution infrastructure, customer-side "make-ready" infrastructure, and rebates for charging stations, (2) jump-starting electric vehicle ridesharing, and (3) promoting fleet and away-from-home charging with a new EV rate structure.

In this application and supporting testimony, SCE describes its vision for transportation electrification, which will reduce GHG emissions and provide clean air and other benefits.

Important elements of SCE's TE portfolio of proposed projects and programs include:

- Addressing key cost and complexity barriers associated with charging infrastructure for commercial (non-light-duty) EVs (including medium-duty, heavy-duty, and non-road vehicles used in goods and people movement), as well as EV-charging at homes and at urban direct current fast charge (DCFC) stations;
- Proposing a new commercial EV rate structure to enable vehicle-grid integration and promote EV adoption;
- Collaborating with stakeholders from the private, non-profit, and public sectors that will provide expertise and funding for vehicles and charging equipment;
- Seeking to enhance third-party business models so that other market participants can successfully play a long-term role; and
- Prioritizing the needs of low-income and disadvantaged communities.

**A. SCE's TE Portfolio**

Pursuant to the ACR,<sup>2</sup> SCE proposes both priority review projects and standard review projects in its TE Portfolio. The six proposed pilots are an innovative response to the utility's new TE role. These efforts help inform future TE programs to further transform TE markets. These projects meet the requirements of Commission priority review by being under \$4 million, 12 months or less in duration, and noncontroversial. SCE's proposed five-year program to provide charging infrastructure supporting medium- and heavy-duty vehicle electrification is essential to facilitate electrification of the goods movement industry in SCE's service territory, which includes the second busiest seaport in the country. SCE's proposed new EV rate

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<sup>2</sup> Assigned Commissioner Ruling Regarding the Filing of Transportation Electrification Applications Pursuant to Senate Bill 350, issued September 14, 2016, in Rulemaking (R.) 13-11-007.

incentivizes customers to adopt these TE technologies and charge at times that avoid capacity constraints.

1. **Priority Review Projects**

SCE proposes the following pilots and projects for priority review:

- Residential Make-Ready Rebate Pilot – This pilot provides a rebate to residential customers to offset the cost of hiring a licensed electrician to install make-ready infrastructure and associated permitting to charge their new EVs.
- EV Rideshare Reward Pilot – This pilot provides a monetary reward to rideshare drivers who use an EV and exceed a specified number of rides during a given time period.
- Urban DCFC Clusters Pilot – This pilot will deploy and operate five DCFC sites, clustered in urban areas. Each site may include up to five dual-port charging stations, for up to 50 DCFC ports total. SCE will install, own, and maintain make-ready infrastructure at participating customer sites. Participating customers will have the opportunity to select DCFC charging stations qualified by SCE and receive a rebate to cover the base cost of charging stations deployed through the pilot, including hardware and installation.
- Electric Transit Bus Make-Ready Program – This program will deploy make-ready infrastructure to serve in-depot and on-route charging equipment for electric commuter buses operating in SCE’s service territory. SCE will also provide a rebate to participating customers to cover the cost of the charging equipment and its installation.
- POLB Rubber Tire Gantry Crane Electrification Project – SCE will deploy make-ready infrastructure to serve nine cranes that SSA Marine Terminal J (POLB) plans to electrify, currently fueled by diesel engines.



- POLB ITS Terminal Yard Tractor Project – SCE will deploy make-ready infrastructure to serve a portion of the ITS Terminal’s fleet of yard tractors, currently fueled by diesel engines.

***Priority Review Projects Total Costs  
(Millions, 2016 \$, not loaded)***

Priority Review Project	Estimated Cost
Residential Make-Ready	\$4.00
EV Drive Rideshare Reward	\$4.00
Urban DCFC Cluster	\$3.98
Make Ready & Rebate for Transit Buses	\$3.98
POLB, Rubber Tire Gantry Crane Electrification	\$3.04
POLB, ITS Terminal Yard Tractor	\$0.45
<b>Priority Review Total</b>	<b>\$19.45</b>

**2. Standard Review Programs**

SCE proposes the following infrastructure program and EV rate design for standard review:

- Medium- and Heavy-Duty Vehicle Charging Infrastructure Program – In this program, SCE will deploy, own, and maintain the electric infrastructure needed to serve charging equipment for medium-duty, heavy-duty, and non-road vehicles (up to and including the make-ready stubs) to support electrification of the goods and people movement industry. SCE will also provide a rebate to cover the costs of charging equipment supplied and owned by others that meets SCE’s requirements and its installation. Participating customers will be responsible for procuring charging station equipment and installation (and paying any costs in excess of the rebate amount) and for maintaining the equipment in working order for the duration of the program.

- Rate Design to Promote EV Adoption – SCE proposes to establish three new, optional commercial rate schedules, which will have the same general structure but will apply to different sizes of customers for the exclusive purpose of charging EVs. The proposed rate schedules will use up-to-date time-of-use periods that will offer more accurate price signals to reflect system grid conditions, consistent with the Commission’s recent guidance in this area. The new EV rates will have a five-year introductory period after they are first implemented during which SCE will not assess monthly demand charges; rather, customers’ bills will consist primarily of volumetric energy charges. After that five-year introductory period, SCE will introduce demand charges and phase them in for a five-year intermediate period. Then, after the end of the tenth year, the rate schedules will reflect stable demand charges that will still be lower than what new EV customers would pay on their otherwise applicable (non-EV) commercial rates today.

***Standard Review Program Total Costs  
(Millions, 2016 \$, not loaded)***

Standard Review Programs	Estimated Cost
Medium and Heavy-Duty Vehicle Charging Infrastructure Program	\$553.82
Commercial EV Rate Proposal	N/A
<b>Standard Review Total</b>	<b>\$553.82</b>

**B. Revenue Requirement and Cost Recovery**

**1. Revenue Requirement**

Based on the estimated costs above, if all of the SCE proposals were approved by the Commission in 2018, SCE would expect to collect approximately \$200 million<sup>3</sup> in capital-

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<sup>3</sup> SCE-1, Chapter V, Table V-6, sum of five year Operating Revenues less O&M and Payroll Taxes.

related revenue requirements and approximately \$32 million in operation and maintenance (O&M, including Payroll Taxes) costs over the five-year period from 2019 through 2023, for a total of up to \$232 million during the implementation of the six priority review pilot projects and standard review program. This example is illustrative only. Changes in the timing of approval or implementation of any of the proposed programs would change the estimated revenue requirement and its timing.

## **2. Cost Recovery**

SCE requests Commission authorization to establish the Transportation Electrification Portfolio Balancing Account (TEPBA) to record the actual TE Portfolio revenue requirements each month, effective upon Commission approval of this application. Each month, SCE will record the actual O&M expenses, payroll taxes, and capital revenue requirement (*i.e.*, depreciation, return on rate base, property taxes, and incomes taxes) in the TEPBA associated with the activities as approved by the Commission for the TE Portfolio pilot projects and standard review programs. The TEPBA will account for and record the revenue requirements for each of the six priority review projects and standard review program.

SCE proposes to include in distribution rates a forecast annual revenue requirement effective January 1 of each year, for at least five years, or until the TEPBA-related costs are included in a future general rate case (GRC). To help ensure that customers only pay the actual TE Portfolio revenue requirements, SCE proposes to transfer the revenue requirement recorded in the TEPBA to the distribution sub-account of the Base Revenue Requirement Balancing Account (BRRBA) on an annual basis. Using this approach, any difference between the forecast TE Portfolio revenue requirements included in rate levels and the actual recorded TE Portfolio revenue requirements will be trued up in the BRRBA. This proposed ratemaking provides that no more and no less than the reasonable revenue requirements associated with the TE Portfolio activities will ultimately be collected from customers. Any over-collection recorded in the BRRBA at the end of each year will be refunded to customers in the subsequent

year. Similarly, any under-collection recorded in the BRRBA at the end of each year will be recovered from customers in the subsequent year.

SCE proposes that if the Commission approves the scope of each of SCE's six proposed priority review projects and the standard review program, the actual incurred costs, as long as consistent with the adopted scope of activities and within cost levels adopted by the Commission, should be deemed reasonable and therefore no after-the-fact reasonableness review is necessary.

**3. Rate Impacts**

The following table compares SCE's January 2017 average rates, by customer group, to an estimate of proposed average rates if SCE's revenue requirement and revenue allocation proposals are approved by the Commission.

**Rate Impacts**

Customer Group	System		
	Current Revenues (\$000)	Proposed Revenue Change (\$000)	% Change over Current
Residential	4,917,589	23,307	0.5%
Lighting - Small and Medium Power	4,419,380	15,639	0.4%
Large Power	1,977,952	5,533	0.3%
Agricultural and Pumping	412,602	1,326	0.3%
Street and Area Lighting	132,948	84	0.1%
Standby	275,239	570	0.2%
<b>Total</b>	<b>12,135,710</b>	<b>46,459</b>	<b>0.4%</b>

Customer Group	Bundled		
	Current Rates (¢/kWh)	Proposed Rates (¢/kWh)	% Change over current
Residential	17.8	17.8	0.5%
Lighting - Small and Medium Power	16.8	16.9	0.3%
Large Power	11.9	11.9	0.2%
Agricultural and Pumping	12.7	12.7	0.3%
Street and Area Lighting	18.1	18.1	0.1%
Standby	9.6	9.6	0.2%
<b>Total</b>	<b>15.8</b>	<b>15.9</b>	<b>0.4%</b>

**V.**

**STATUTORY AND REGULATORY REQUIREMENTS**

**A. Statutory and Other Authority – Rule 2.1**

This application is made pursuant to Commissioner Peterman’s ACR,<sup>4</sup> the Commission’s Rules of Practice and Procedure, and the California Public Utilities Code.

SCE’s request complies with the Commission’s Rules of Practice and Procedure Rules 1.5 through 1.11 and 1.13, which specify the procedures for, among other things, filing documents. In addition, this request complies with Rules 2.1, 2.2 and 3.2.

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<sup>4</sup> Assigned Commissioner Ruling Regarding the Filing of Transportation Electrification Applications Pursuant to Senate Bill 350, issued September 14, 2016, in Rulemaking (R.) 13-11-007.

Rule 2.1 requires that all applications: (1) clearly and concisely state authority or relief sought; (2) cite the statutory or other authority under which that relief is sought; and (3) be verified by the applicant. Rule 2.1 sets forth further requirements that are addressed separately below.

The relief being sought is summarized above in Sections II (Summary of SCE's Requests) and Section IV (Executive Summary), and is further described in the testimony (Exhibit SCE-1) supporting this application.

The statutory and other authority for this request includes, but is not limited to, California Public Utilities Code Sections 451, 454, 454.3, 491, 701, 702, 728, 729, Article 2 and Rule 3.2 of the Commission's Rules of Practice and Procedure, and prior decisions, orders, and resolutions of this Commission.

SCE's application has been verified by an SCE officer as provided in Rules 1.11 and 2.1.

**B. Legal Name and Correspondence**

Pursuant to Rule 2.1 of the Commission's Rules of Practice and Procedure, the full legal name of the applicant is Southern California Edison Company (SCE). SCE is a corporation organized and existing under the laws of the State of California, and is primarily engaged in the business of generating, purchasing, transmitting, distributing and selling electric energy for light, heat and power in portions of central and southern California as a public utility subject to the jurisdiction of the California Public Utilities Commission. SCE's properties, which are located primarily within the State of California, consist mainly of hydroelectric and thermal electric generating plants, together with transmission and distribution lines and other property necessary in connection with its business.

SCE's principal place of business is 2244 Walnut Grove Avenue, Rosemead, California, and its post office address and telephone number are:

Southern California Edison Company  
Post Office Box 800  
Rosemead, California 91770  
Telephone: (626) 302-1212

SCE's attorney in this matter is Andrea Tozer. Correspondence or communications regarding this application should be addressed to:

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C. **Proposed Categorization, Need for Hearings, Issues To Be Considered, Proposed Schedule, and Relevant Safety Considerations — Rule 2.1(c)**

Commission Rule 2.1(c) requires that all applications shall state “the proposed category for the proceeding, the need for hearing, the issues to be considered, and a proposed schedule.”

1. **Proposed Category**

Rule 1.3(e) of the Commission's Rules of Practice and Procedure defines “ratesetting” proceedings as “proceedings in which the Commission sets or investigates rates for a specifically named utility (or utilities), or establishes a mechanism that in turn sets the rates for a specifically named utility (or utilities).” This application will include the setting and investigation of rates, and includes SCE's proposal for a “mechanism” that will influence the setting of rates in future applications. Therefore, for purposes of Rule 2.1, SCE proposes that this proceeding be categorized as ratesetting.

2. **Need for Hearings**

The need for hearings in this proceeding, and the issues to be considered in such hearings, will depend in large part on the degree to which other parties contest SCE's requests.

SCE's proposed procedural schedule below assumes evidentiary hearings will be held; however, the need for hearings will be determined by the assigned Administrative Law Judge(s).

**3. Issues to be Considered, Including Relevant Safety Considerations**

The primary issue to be considered in this proceeding is the reasonableness of SCE's 2017 transportation electrification proposals as described in Sections II (Summary of SCE's Requests) and Section IV (Executive Summary) above and in more detail in SCE's supporting testimony served concurrently with this application. D.16-01-017 approved an amendment to Rule 2.1(c) of the Commission's Rules of Practice and Procedure (Title 20, Division 1, of the California Code of Regulations) to require all applications to identify all relevant safety considerations implicated by the application. One of SCE's core values is to protect public and employee safety. All electric infrastructure installed and operated by SCE as part of its TE Portfolio will follow SCE Transmission & Distribution's standard operating procedures to ensure safety. Additionally, this infrastructure will adhere to applicable technical standards and energy efficiency recommendations. For any electric installations on the customer side of the meter as part of the TE Portfolio, SCE will use, and require participating customers to use, a C-10 licensed electrical contractor. Furthermore, all such installations, whether by SCE or participating customers, will require appropriate permitting and inspection from the local authority having jurisdiction (if applicable) in compliance with applicable codes and ordinances.

**4. Procedural Schedule**

To allow the Commission to issue a timely final decision in this proceeding, SCE respectfully requests that the Commission process the present application according to the following schedule:



SCE Files Application	01/20/2017
Protests / Responses to Application	30 days from the date the notice of the filing of the Application appears in the Daily Calendar [approximately 02/22/17]
Reply to Protests / Responses	10 days from the deadline for filing Protests / Responses [approximately 3/6/2017]
Prehearing Conference	03/10/17
Intervenor Testimony Due	4/21/17
Rebuttal Testimony Due	6/2/17
Commission Issues Phase 1 Proposed Decision <sup>5</sup>	July 2017
Comments on Phase 1 Proposed Decision	20 days from the date the Commission issues Proposed Decision
Replies to Comments on Phase 1 Proposed Decision	5 days from the deadline for filing comments on Proposed Decision
Commission Issues Final Phase 1 Decision	August 2017
Phase 2 Evidentiary Hearings (if necessary)	6/26/17-6/30/17
Concurrent Phase 2 Opening Briefs	7/21/17
Concurrent Phase 2 Reply Briefs	8/11/17
Commission Issues Phase 2 Proposed Decision	October 2017
Comments on Phase 2 Proposed Decision	20 days from the date the Commission issues Proposed Decision
Replies to Comments on Phase 2 Proposed Decision	5 days from the deadline for filing comments on Proposed Decision
Commission Issues Final Phase 2 Decision	November 2017

**D. Organization and Qualification to Transact Business – Rule 2.2**

In compliance with Rule 2.2 of the Commission’s Rules of Practice and Procedure,<sup>6</sup> a copy of SCE’s Certificate of Restated Articles of Incorporation, effective on March 2, 2006, and presently in effect, certified by the California Secretary of State, was filed with the Commission on March 14, 2006, in connection with Application No. 06-03-020, and is by reference made a part hereof.

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<sup>5</sup> Evidentiary hearings and briefing should not be required for priority review projects. For projects qualifying for priority review, in lieu of hearings SCE requests that the Commission issue a Phase 1 Proposed Decision after rebuttal testimony.

<sup>6</sup> Rule 2.2 requires the applicant, in this case SCE, to submit a copy of its organizing documents and evidence of its qualification to transact business in California, or to refer to that documentation if previously filed with the Commission.

A copy of SCE's Certificate of Determination of Preferences of the Series D Preference Stock filed with the California Secretary of State on March 7, 2011, and presently in effect, certified by the California Secretary of State, was filed with the Commission on April 1, 2011, in connection with Application No. 11-04-001, and is by reference made a part hereof.

A copy of SCE's Certificate of Determination of Preferences of the Series E Preference Stock filed with the California Secretary of State on January 12, 2012, and a copy of SCE's Certificate of Increase of Authorized Shares of the Series E Preference Stock filed with the California Secretary of State on January 31, 2012, and presently in effect, certified by the California Secretary of State, were filed with the Commission on March 5, 2012, in connection with Application No. 12-03-004, and are by reference made a part hereof.

A copy of SCE's Certificate of Determination of Preferences of the Series F Preference Stock filed with the California Secretary of State on May 5, 2012, and presently in effect, certified by the California Secretary of State, was filed with the Commission on June 29, 2012, in connection with Application No. 12-06-017, and is by reference made a part hereof.

A copy of SCE's Certificate of Determination of Preferences of the Series G Preference Stock filed with the California Secretary of State on January 24, 2013, and presently in effect, certified by the California Secretary of State, was filed with the Commission on January 31, 2013, in connection with Application No. 13-01-016, and is by reference made a part hereof.

A copy of SCE's Certificate of Determination of Preferences of the Series H Preference Stock filed with the California Secretary of State on February 28, 2014, and presently in effect, certified by the California Secretary of State, was filed with the Commission on March 24, 2014, in connection with Application No. 14-03-013, and is by reference made a part hereof.

A copy of SCE's Certificate of Determination of Preferences of the Series J Preference Stock filed with the California Secretary of State on August 19, 2015, and presently in effect, certified by the California Secretary of State, was filed with the Commission on October 2, 2015, in connection with Application No. 15-10-001, and is by reference made a part hereof.

A copy of SCE's Certificate of Determination of Preferences of the Series K Preference Stock, filed with the California Secretary of State on March 2, 2016, and presently in effect, certified by the California Secretary of State, was filed with the Commission on April 1, 2016, in connection with Application No. 16-04-001, and is by reference made a part hereof.

Certain classes and series of SCE's capital stock are listed on a "national securities exchange" as defined in the Securities Exchange Act of 1934, and copies of SCE's latest Annual Report to Shareholders and its latest proxy statement sent to its stockholders has been filed with the Commission with a letter of transmittal dated March 18, 2016, pursuant to Commission General Order Nos. 65-A and 104-A.

**E. Balance Sheet and Income Statement – Rule 3.2(a)(1)**

Appendix A to this application contains copies of SCE's Balance Sheet and Income Statement for the period ending September 30, 2016, the most recent period available.

**F. Statement of Presently Effective and Proposed Rates – Rules 3.2(a)(2) and 3.2(a)(3)**

The presently effective rates and the illustrative changes proposed to be made to those rates are discussed in this application in Section B.3, and use rates current as of January 2017. The proposed rates are illustrative and will be updated consistent with the Commission's decision in this proceeding to reflect SCE's then-current authorized revenues when such rates are implemented. SCE's current rates and charges for electric service are in its electric tariffs and schedules on file with the Commission. These tariffs and schedules are filed with and made effective by the Commission in its decisions, orders, resolutions, and approvals of advice letter filings pursuant to Commission General Order 96-A. SCE is not requesting a general revenue increase over one percent in this application.

**G. Description of SCE's Service Territory and Utility System – Rule 3.2(a)(4)**

Because this application is not a general rate case application, this requirement is not applicable.

**H. Summary of Earnings – Rule 3.2(a)(5)**

In compliance with Rule 3.2(a)(5), Appendix B hereto contains a copy of SCE's summary of earnings, authorized in SCE's 2017 Post Test Year Advice Letter 3514-E, the most recent period available.

**I. Depreciation – Rule 3.2(a)(7)**

Because this application is not a general rate case application, this requirement is not applicable.

**J. Capital Stock and Proxy Statement – Rule 3.2(a)(8)**

Because this application is not a general rate case application, this requirement is not applicable.

**K. Statement Pursuant to Rule 3.2(a)(10)**

Rule 3.2(a)(10) requires the applicant to state whether its request is limited to passing through to customers "only increased costs to the corporation for the services or commodities furnished by it."

SCE's application includes a request for authorization to add various capital expenditures to rate base. These requested rate base additions would a return on, as well as a return of, capital. In that sense, SCE's request in this proceeding is not limited to passing through to customers "only increased costs to the corporation for the services or commodities furnished by it."

**L. Service of Notice – Rule 3.2(b), (c) and (d)**

As required by California Public Utilities Code Section 454, a notice stating in general terms the proposed change will be provided to customers in their monthly bills. SCE has reviewed a draft of its proposed customer notice with the Commission's Public Advisor.

As required by Rule 3.2(b), a notice stating in general terms the proposed rate change will be mailed to the designated officials of the State of California, and the cities and counties affected by the rate increase proposed in this application as listed in Appendix C hereto.

Pursuant to Rule 3.2(c), notice will be published in a newspaper of general circulation in each county in SCE's service territory within which the rate changes would be effective. The cities and counties affected by the rate increase proposed in this application are shown in Appendix C hereto.

Finally, pursuant to Rule 3.2(d), notice will be furnished to customers affected by the potential rate changes proposed in this application by including such notice with the regular bills mailed to those customers and by electronically linking to such notice for customer that receive their bills electronically.

**M. Index of Exhibits and Appendices to This Application**

SCE's submissions in support of this application include the following, which are incorporated herein by reference:

**Appendices to Application**

Appendix A: Balance Sheet and Income Statement

Appendix B: Summary of Earnings

Appendix C: List of Cities and Counties

**Exhibits to Application**

Exhibit SCE-01: Testimony of Southern California Edison Company in Support of Its Application

**N. Service List**

The official service list has not yet been established in this proceeding. SCE is serving this application and supporting testimony on the Commission's Office of Ratepayer Advocates and the service list established by the Commission for R.13-11-007 (the Alternative-Fueled Vehicles OIR).

**VI.**

**CONCLUSION**

SCE respectfully requests that the Commission approve this application as filed.

Respectfully submitted,

Fadia R. Khoury  
Andrea L. Tozer

*/s/ Andrea L. Tozer*

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By: Andrea L. Tozer

Attorneys for  
SOUTHERN CALIFORNIA EDISON COMPANY

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**January 20, 2017**

**VERIFICATION**

I am an officer of the applicant corporation herein, and am authorized to make this verification on its behalf. I am informed and believe that the matters stated in the foregoing document are true.

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

Executed this **20<sup>th</sup> day of January, 2017**, at Rosemead, California

*/s/ Caroline Choi*  
\_\_\_\_\_  
By: Caroline Choi  
Senior Vice President of Regulatory Affairs

SOUTHERN CALIFORNIA EDISON COMPANY  
2244 Walnut Grove Avenue  
Post Office Box 800  
Rosemead, California 91770

**Appendix A**

**Balance Sheet and Income Statement**



SOUTHERN CALIFORNIA EDISON COMPANY

BALANCE SHEET  
SEPTEMBER 30, 2016  
ASSETS  
(in millions)

UTILITY PLANT:

Utility plant, at original cost	\$ 41,954
Less- accumulated provision for depreciation and decommissioning	8,753
	<u>33,201</u>
Construction work in progress	2,738
Nuclear fuel, at amortized cost	125
	<u>36,064</u>

OTHER PROPERTY AND INVESTMENTS:

Nonutility property - less accumulated depreciation of \$78	76
Nuclear decommissioning trusts	4,376
Other investments	41
	<u>4,493</u>

CURRENT ASSETS:

Cash and equivalents	39
Receivables, less allowances of \$58 for uncollectible accounts	980
Accrued unbilled revenue	569
Inventory	251
Derivative assets	60
Regulatory assets	321
Other current assets	223
	<u>2,443</u>

DEFERRED CHARGES:

Regulatory assets	7,844
Derivative assets	67
Other long-term assets	231
	<u>8,142</u>
	<u>\$ 51,142</u>

SOUTHERN CALIFORNIA EDISON COMPANY

BALANCE SHEET  
SEPTEMBER 30, 2016  
CAPITALIZATION AND LIABILITIES  
(in millions)

CAPITALIZATION:

Common stock	\$	2,168
Additional paid-in capital		658
Accumulated other comprehensive loss		(19)
Retained earnings		9,280
Common shareholder's equity		<u>12,087</u>
Preferred and preference stock		2,245
Long-term debt		9,987
Total capitalization		<u>24,319</u>

CURRENT LIABILITIES:

Short-term debt		239
Current portion of long-term debt		479
Accounts payable		1,172
Accrued taxes		156
Customer deposits		264
Derivative liabilities		223
Regulatory liabilities		1,030
Other current liabilities		675
		<u>4,238</u>

DEFERRED CREDITS:

Deferred income taxes and credits		9,765
Derivative liabilities		1,069
Pensions and benefits		1,293
Asset retirement obligations		2,590
Regulatory liabilities		6,020
Other deferred credits and other long-term liabilities		1,848
		<u>22,585</u>

\$ 51,142

SOUTHERN CALIFORNIA EDISON COMPANY

**(h) A balance sheet as of the latest available date, together with an income statement covering the period from close of last year for which an annual report has been filed with the Commission to the date of the balance sheet attached to the application.**

STATEMENT OF INCOME  
NINE MONTHS ENDED SEPTEMBER 30, 2016

(In millions)

OPERATING REVENUE	<u>\$ 8,956</u>
OPERATING EXPENSES:	
Purchase power and fuel	3,576
Other operation and maintenance	1,993
Depreciation, decommissioning and amortization	1,497
Property and other taxes	268
Total operating expenses	<u>7,334</u>
OPERATING INCOME	1,622
Interest and other income	97
Interest expense	(402)
Other expenses	(26)
INCOME BEFORE INCOME TAX	<u>1,291</u>
INCOME TAX	162
NET INCOME	<u>1,129</u>
Less: Preferred and preference stock dividend requirements	<u>92</u>
NET INCOME AVAILABLE FOR COMMON STOCK	<u><u>\$ 1,037</u></u>

**Appendix B**  
**Summary of Earnings**

**Southern California Edison  
Summary of Earnings  
2015 GRC Adopted Revenue Requirement  
Thousands of Dollars**

Line No.	Item	Total
1.	<b>Base Revenues</b>	5,182,297
2.	<b>Expenses:</b>	
3.	Operation & Maintenance	1,984,387
4.	Depreciation	1,532,289
5.	Taxes	442,687
6.	Revenue Credits	(147,491)
7.	Total Expenses	3,811,871
8.	<b>Net Operating Revenue</b>	1,370,425
9.	<b>Rate Base</b>	17,375,834
10.	<b>Rate of Return</b>	7.89%

**Southern California Edison  
Summary of Earnings  
2016 GRC Adopted Revenue Requirement  
Thousands of Dollars**

Line No.	Item	Total
1.	<b>Base Revenues</b>	5,385,537
2.	<b>Expenses:</b>	
3.	Operation & Maintenance	2,037,603
4.	Depreciation	1,546,128
5.	Taxes	474,761
6.	Revenue Credits	(149,196)
7.	Total Expenses	3,909,295
8.	<b>Net Operating Revenue</b>	1,476,242
9.	<b>Rate Base</b>	18,713,446
10.	<b>Rate of Return</b>	7.89%

**Southern California Edison  
Summary of Earnings  
2017 GRC Adopted Revenue Requirement  
Thousands of Dollars**

Line No.	Item	Total
1.	<b>Base Revenues</b>	5,640,432
2.	<b>Expenses:</b>	
3.	Operation & Maintenance	2,079,914
4.	Depreciation	1,575,482
5.	Taxes	541,926
6.	Revenue Credits	(148,671)
7.	Total Expenses	4,048,652
8.	<b>Net Operating Revenue</b>	1,591,780
9.	<b>Rate Base</b>	20,175,952
10.	<b>Rate of Return</b>	7.89%

**Appendix C**

**List of Cities and Counties**





## Incorporated Cities and Counties Served by SCE

### COUNTIES

Fresno	Kern	Madera	Riverside	Tuolumne
Imperial	Kings	Mono	San Bernardino	Tulare
Inyo	Los Angeles	Orange	Santa Barbara	Ventura

### CITIES

Adelanto	Commerce	Hesperia	Los Alamitos	Port Hueneme	Simi Valley
Agoura Hills	Compton	Hidden Hills	Lynwood	Porterville	South El Monte
Alhambra	Corona	Highland	Malibu	Rancho Cucamonga	South Gate
Aliso Viejo	Costa Mesa	Huntington Beach	Mammoth Lakes	Rancho Mirage	South Pasadena
Apple Valley	Covina	Huntington Park	Manhattan Beach	Rancho Palos Verdes	Stanton
Arcadia	Cudahy	Indian Wells	Maywood	Rancho Santa Margarita	Tehachapi
Artesia	Culver City	Industry	McFarland	Redlands	Temecula
Avalon	Cypress	Inglewood	Menifee	Redondo Beach	Temple City
Baldwin Park	Delano	Irvine	Mission Viejo	Rialto	Thousand Oaks
Barstow	Desert Hot Springs	Irwindale	Monrovia	Ridgecrest	Torrance
Beaumont	Diamond Bar	Jurupa Valley	Montclair	Rolling Hills	Tulare
Bell	Downey	La Canada Flintridge	Montebello	Rolling Hills Estates	Tustin
Bell Gardens	Duarte	La Habra	Monterey Park	Rosemead	Twentynine Palms
Bellflower	Eastvale	La Habra Heights	Moorpark	San Bernardino	Upland
Beverly Hills	El Monte	La Mirada	Moreno Valley	San Gabriel	Valencia
Big Bear Lake	El Segundo	La Palma	Murrieta	San Jacinto	Victorville
Bishop	Exeter	La Puente	Newport Beach	San Marino	Villa Park
Blythe	Farmersville	La Verne	Norco	Santa Ana	Visalia
Bradbury	Fillmore	Laguna Beach	Norwalk	Santa Barbara	Walnut
Brea	Fontana	Laguna Hills	Ojai	Santa Clarita	West Covina
Buena Park	Fountain Valley	Laguna Niguel	Ontario	Santa Fe Springs	West Hollywood
Calabasas	Fullerton	Laguna Woods	Orange	Sierra Madre	Westlake Village
California City	Garden Grove	Lake Elsinore	Oxnard	Signal Hill	Westminster
Calimesa	Gardena	Lake Forest	Palm Desert		Whittier
Camarillo	Glendora	Lakewood	Palm Springs		Wildomar
Canyon Lake	Goleta	Lancaster	Palmdale		Woodlake (Three Rivers)
Carpinteria	Grand Terrace	Lawndale	Palos Verdes		Yorba Linda
Carson	Hanford	Lindsay	Paramount		Yucaipa
Cathedral City	Hawaiian Gardens	Loma Linda	Perris		Yucca Valley
Cerritos	Hawthorne	Lomita	Pico Rivera		
Chino	Hemet	Long Beach	Placentia		
Chino Hills	Hermosa Beach		Pomona		
Claremont					