

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE



May 10, 2019

Advice Letter 5523-E

Erik Jacobson
Director, Regulatory Relations
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

**SUBJECT: Implementation of the 800% Baseline Allowance Requirement for
Schedule EV, Pursuant to Decision 18-08-013**

Dear Mr. Jacobson:

Advice Letter 5523-E is effective as of April 12, 2019.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph
Deputy Executive Director for Energy and Climate Policy/
Director, Energy Division



Erik Jacobson
Director
Regulatory Relations

Pacific Gas and Electric Company
77 Beale St., Mail Code B13U
P.O. Box 770000
San Francisco, CA 94177

Fax: 415-973-3582

April 12, 2019

Advice 5523-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Implementation of the 800% Baseline Allowance Requirement for Schedule EV, Pursuant to Decision 18-08-013

Purpose

Pacific Gas and Electric Company (PG&E or the Company) requests approval of its plan for implementing the 800% of baseline eligibility requirement for Schedule EV, adopted in Decision (D.) 18-08-013, as of the date the adopted new residential electric vehicle (EV) charging rate is made effective. PG&E currently expects whole house service under the residential EV charging rate adopted by D.18-08-013 should be available on July 1, 2019.

Background

On August 9, 2018, the Commission issued D.18-08-013 in PG&E's Application to Revise Its Electric Marginal Costs, Revenue Allocation, and Rate Design. (Application 16-06-013). The decision accepts various settlement agreements that make significant changes to PG&E's rate designs. The decision adopted the Residential Rate Design Settlement which approved a revised eligibility requirement for residential EV charging rates. Specifically, the current participation limit of 60,000 customers on Schedule EV was replaced with an eligibility threshold that requires that usage on the EV charging rate cannot exceed 800 percent of baseline.

At this time, PG&E seeks revisions to Schedule EV to provide that, concurrent with the availability of the new residential EV charging rate (expected beginning on July 1, 2019), annual usage of customers taking service on Rate EV-A or EV-B cannot exceed 800% of their annual baseline allowance, measured as the total usage for the customer over the last 12 months divided by the total annual baseline allowance using the approved baseline allowances for those months. Customers at premises with total usage in excess of 800 percent of baseline over the prior 12 months will be moved to E-TOU-B and will be prohibited from taking service on any EV charging rate schedule for 12 months. Customers must have 12 months of consecutive usage on the rate before being eligible to be moved.

As also required by D.18-08-013, PG&E will provide alerts to impacted customers with regard to their usage level. PG&E's planned alert is also based on the cumulative usage and baseline. Customers will be notified when their cumulative usage (for up to 12 months) on Schedule EV exceeds 800 percent of baseline. In addition, "at-risk" customers will receive a warning notification of the new requirement in late April or early May 2019. At risk customers are defined as:

- Customers currently taking service on Rate EV-A or EV-B with greater than 12 consecutive months on Schedule EV and 12-month usage in excess of 800% of their annual baseline allowance; or
- Customers currently taking service on Rate EV-A or EV-B with greater than 12 consecutive months on Schedule EV and 12-month usage between 600-800% of their annual baseline allowance; or
- Customers currently taking service on Rate EV-A or EV-B with less than 12 consecutive months on Schedule EV and cumulative usage in excess of 800% of their cumulative baseline allowance

Customers may be removed from Schedule EV as early as August 2019 if their total usage over the prior 12 months is found to have been in excess of the required 800% of baseline threshold.

On April 5, 2019, PG&E submitted a letter to the Executive Director requesting that Electric Schedule EV (Rate A) be closed to new customers on a date-certain to coincide with the effective date for PG&E's new EV charging rate, adopted in D.18-08-013, expected to happen on July 1, 2019. Approval by the Executive Director would ensure that Schedule EV is not closed to new enrollment prematurely in the event that the participation on the Schedule were to temporarily exceed its current participant limit of 60,000 customers.

On April 8, 2019, the Energy Division recommended that a more appropriate procedural approach would be for PG&E to submit a Tier 2 advice letter to increase Schedule EV's participation limit from 60,000 to 70,000, as an alternative way of avoiding the possibility of temporarily exceeding the existing 60,000 limit in the weeks just prior to July 1, 2019. Accordingly, PG&E will submit a separate Tier 2 advice letter to address the possibility that the current 60,000 participation limit could be exceeded before July 1, 2019, and will request prompt approval as the current limit of 60,000 customers could potentially be reached as early as late May 2019.

Tariff Revisions

Revisions to Schedule EV are provided in Attachment 1. For your convenience, redline versions of the tariff revisions are included as Attachment 2.

In addition to the revisions proposed in this Advice letter, PG&E included revisions that are currently waiting for CPUC approval from Advice Letter 5499-E. Advice Letter 5499-

E was a Tier 1 advice letter that was submitted on March 20, 2019. Advice Letter 5499-E requested approval to close Rate A of the residential electric vehicle rate, Electric Schedule EV, to new enrollments as of the date the new residential EV charging rate, as adopted in D.18-08-013, is made effective.

Protests

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail, no later than May 2, 2019, which is 20 days after the date of this submittal. Protests must be submitted to:

CPUC Energy Division
ED Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102

Facsimile: (415) 703-2200
E-mail: EDTariffUnit@cpuc.ca.gov

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

The protest shall also be sent to PG&E either via E-mail or U.S. mail (and by facsimile, if possible) at the address shown below on the same date it is mailed or delivered to the Commission:

Erik Jacobson
Director, Regulatory Relations
c/o Megan Lawson
Pacific Gas and Electric Company
77 Beale Street, Mail Code B13U
P.O. Box 770000
San Francisco, California 94177

Facsimile: (415) 973-3582
E-mail: PGETariffs@pge.com

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name, telephone number, postal address, and (where appropriate) e-mail address of the protestant; and statement that the protest was sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Section 3.11).

Effective Date

Pursuant to General Order (GO) 96-B, Rule 5.1, this advice letter is submitted with a Tier 1 designation. PG&E requests that this Tier 1 advice submittal become effective upon date of submittal, which is April 12, 2019.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service list for R.18-12-006 and A.16-06-013. Address changes to the General Order 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter submittals can also be accessed electronically at: <http://www.pge.com/tariffs/>.

_____/S/

Erik Jacobson
Director, Regulatory Relations

Attachments

cc: Service List R.18-12-006 and A.16-06-013



ADVICE LETTER SUMMARY

ENERGY UTILITY



MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No.: Pacific Gas and Electric Company (ID U39 E)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Annie Ho
 Phone #: (415) 973-8794
 E-mail: PGETariffs@pge.com
 E-mail Disposition Notice to: AMHP@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas WATER = Water
 PLC = Pipeline HEAT = Heat

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 5523-E

Tier Designation: 1

Subject of AL: Implementation of the 800% Baseline Allowance Requirement for Schedule EV, Pursuant to Decision 18-08-013

Keywords (choose from CPUC listing): Compliance,

AL Type: Monthly Quarterly Annual One-Time Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.18-08-013

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL:

Confidential treatment requested? Yes No

If yes, specification of confidential information:

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information:

Resolution required? Yes No

Requested effective date: 4/12/19

No. of tariff sheets: 4

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: Electric Schedule EV

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: N/A

¹Discuss in AL if more space is needed.

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this submittal, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102
Email: EDTariffUnit@cpuc.ca.gov

Name: Erik Jacobson, c/o Megan Lawson
Title: Director, Regulatory Relations
Utility Name: Pacific Gas and Electric Company
Address: 77 Beale Street, Mail Code B13U
City: San Francisco, CA 94177
State: California Zip: 94177
Telephone (xxx) xxx-xxxx: (415)973-2093
Facsimile (xxx) xxx-xxxx: (415)973-3582
Email: PGETariffs@pge.com

Name:
Title:
Utility Name:
Address:
City:
State: District of Columbia Zip:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
44044-E	ELECTRIC SCHEDULE EV RESIDENTIAL TIME-OF-USE SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS Sheet 1	44009-E
44045-E	ELECTRIC SCHEDULE EV RESIDENTIAL TIME-OF-USE SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS Sheet 2	43840-E
44046-E	ELECTRIC TABLE OF CONTENTS Sheet 1	44039-E
44047-E	ELECTRIC TABLE OF CONTENTS Sheet 2	44011-E



**ELECTRIC SCHEDULE EV
RESIDENTIAL TIME-OF-USE
SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS**

Sheet 1

APPLICABILITY: This optional experimental schedule applies to electric service to customers for whom Schedule E-1 applies and who have a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code, which is a battery electric vehicle (BEV) or plug-in hybrid electric vehicle (PHEV) recharged via a recharging outlet at the customer's premises. This schedule is not available to customers with a conventional, charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV). Low speed electric vehicles and electrically powered motorcycles or bicycles, as defined by the California Motor Vehicle Code, are not eligible for this rate option. This rate schedule is subject to an enrollment cap of 60,000. Service under this schedule is provided at the sole option of PG&E and based upon the availability of metering equipment and customer infrastructure improvements necessary for charging. Regardless of the level of participation, Rate A of Schedule EV will be closed to new enrollment on the later of July 1, 2019 or the date the new electric vehicle charging rate adopted by D.18-08-013 is available for enrollment.

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Beginning on the later of July 1, 2019 or the date the new electric vehicle charging rate becomes available for enrollment, customers taking service on Rate A or Rate B of this rate schedule cannot exceed 800% of their annual baseline allowance, measured as the total usage for the customer over the last 12 months divided by the total annual baseline allowance using the approved baseline allowances for those months. Customers at premises with total usage in excess of 800 percent of baseline over 12 months will be moved to Schedule E-TOU-B and will be prohibited from taking service on any electric vehicle rate schedule for 12 months. Customers must have 12 months of consecutive usage on this Rate Schedule before being subject to the requirement of being moved from Schedule EV to Schedule E-TOU-B as a result of exceeding the 800 percent of baseline 12-month threshold.

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The provisions of Schedule S—Standby Service Special Conditions 1 through 6 shall also apply to customers whose premises are regularly supplied in part (but not in whole) by electric energy from a nonutility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule S, in addition to all applicable Schedule EV charges. See Special Condition 6 of this rate schedule for exemptions to standby charges.

Depending on the manner in which customers will fuel their vehicle, one of the following rates will apply:

Rate A: Applies to all applicable customers unless they qualify for and choose Rate B.

Rate B: Applies to all applicable customers with a separately metered BEV or PHEV recharging outlet.

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

RATES: Total bundled service charges are calculated using the total rates below. Customers on this schedule are subject to the delivery minimum bill amount shown below applied to the delivery portion of the bill (i.e. to all rate components other than the generation rate). In addition, total bundled charges will include applicable generation charges per kWh for all kWh usage.

Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

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(Continued)



**ELECTRIC SCHEDULE EV
RESIDENTIAL TIME-OF-USE
SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS**

Sheet 2

RATES:(Cont'd.)

Rate A	TOTAL RATE			
	<u>PEAK</u>	<u>PART-PEAK</u>	<u>OFF-PEAK</u>	
Total Energy Rates (\$ per kWh)				
Summer Usage	\$0.48889	\$0.26503	\$0.12559	
Winter Usage	\$0.34021	\$0.20726	\$0.12866	
Delivery Minimum Bill Amount (\$ per meter per day)		\$0.32854		
California Climate Credit (per household, per semi-annual payment occurring in the April and October bill cycles)		(\$27.70)		

Total bundled service charges shown on a customer's bills are unbundled according to the component rates shown below. Where the delivery minimum bill amount applies, the customer's bill will equal the sum of (1) the delivery minimum bill amount plus (2) for bundled service, the generation rate times the number of kWh used. For revenue accounting purposes, the revenues from the delivery minimum bill amount will be assigned to the Transmission, Transmission Rate Adjustments, Reliability Services, Public Purpose Programs, Nuclear Decommissioning, Competition Transition Charges, Energy Cost Recovery Amount, DWR Bond, and New System Generation Charges based on kWh usage times the corresponding unbundled rate component per kWh, with any residual revenue assigned to Distribution.***

UNBUNDLING OF TOTAL RATES

Energy Rates by Component (\$ per kWh)	<u>PEAK</u>	<u>PART-PEAK</u>	<u>OFF-PEAK</u>
Generation:			
Summer Usage	\$0.25622	\$0.12348	\$0.06205
Winter Usage	\$0.09575	\$0.05982	\$0.06427
Distribution**:			
Summer Usage	\$0.18225	\$0.09113	\$0.01312
Winter Usage	\$0.19404	\$0.09702	\$0.01397
Transmission* (all usage)	\$0.02469	\$0.02469	\$0.02469
Transmission Rate Adjustments* (all usage)	\$0.00325	\$0.00325	\$0.00325
Reliability Services* (all usage)	(\$0.00084)	(\$0.00084)	(\$0.00084)
Public Purpose Programs (all usage)	\$0.01473	\$0.01473	\$0.01473
Nuclear Decommissioning (all usage)	\$0.00053	\$0.00053	\$0.00053
Competition Transition Charges (all usage)	\$0.00132	\$0.00132	\$0.00132
Energy Cost Recovery Amount (all usage)	(\$0.00057)	(\$0.00057)	(\$0.00057)
DWR Bond (all usage)	\$0.00503	\$0.00503	\$0.00503
New System Generation Charge (all usage)**	\$0.00228	\$0.00228	\$0.00228

* Transmission, Transmission Rate Adjustments and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

*** This same assignment of revenues applies to direct access and community choice aggregation customers.

(Continued)

Advice 5523-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

April 12, 2019
April 12, 2019



ELECTRIC TABLE OF CONTENTS

Sheet 1

TABLE OF CONTENTS

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Rules.....	43022,43023,43210-E		
Maps, Contracts and Deviations.....	37960-E		
Sample Forms...40925*,37631,41151*,41573*, 37632,41152*,41153,37769,44035,40671,37169-E			

(Continued)

Advice 5523-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted April 12, 2019
Effective April 12, 2019
Resolution



ELECTRIC TABLE OF CONTENTS

Sheet 2

SCHEDULE	TITLE OF SHEET	CAL P.U.C. SHEET NO.
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(Continued)

Advice 5523-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted April 12, 2019
Effective April 12, 2019
Resolution

Advice 5523-E
April 12, 2019

Attachment 2

Redline Tariffs



**ELECTRIC SCHEDULE EV
RESIDENTIAL TIME-OF-USE
SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS**

Sheet 1

APPLICABILITY: This optional experimental schedule applies to electric service to customers for whom Schedule E-1 applies and who have a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code, which is a battery electric vehicle (BEV) or plug-in hybrid electric vehicle (PHEV) recharged via a recharging outlet at the customer's premises. This schedule is not available to customers with a conventional, charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV). Low speed electric vehicles and electrically powered motorcycles or bicycles, as defined by the California Motor Vehicle Code, are not eligible for this rate option. This rate schedule is subject to an enrollment cap of 60,000. Service under this schedule is provided at the sole option of PG&E and based upon the availability of metering equipment and customer infrastructure improvements necessary for charging. Regardless of the level of participation, Rate A of Schedule EV will be closed to new enrollment on the later of July 1, 2019 or the date the new electric vehicle charging rate adopted by D.18-08-013 is available for enrollment.

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Beginning on the later of July 1, 2019 or the date the new electric vehicle charging rate becomes available for enrollment, customers taking service on Rate A or Rate B of this rate schedule cannot exceed 800% of their annual baseline allowance, measured as the total usage for the customer over the last 12 months divided by the total annual baseline allowance using the approved baseline allowances for those months. Customers at premises with total usage in excess of 800 percent of baseline over 12 months will be moved to Schedule E-TOU-B and will be prohibited from taking service on any electric vehicle rate schedule for 12 months. Customers must have 12 months of consecutive usage on this Rate Schedule before being subject to the requirement of being moved from Schedule EV to Schedule E-TOU-B as a result of exceeding the 800 percent of baseline 12-month threshold.

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The provisions of Schedule S—Standby Service Special Conditions 1 through 6 shall also apply to customers whose premises are regularly supplied in part (but not in whole) by electric energy from a nonutility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule S, in addition to all applicable Schedule EV charges. See Special Condition 6 of this rate schedule for exemptions to standby charges.

Depending on the manner in which customers will fuel their vehicle, one of the following rates will apply:

- Rate A: Applies to all applicable customers unless they qualify for and choose Rate B.
- Rate B: Applies to all applicable customers with a separately metered BEV or PHEV recharging outlet.

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

RATES: Total bundled service charges are calculated using the total rates below. Customers on this schedule are subject to the delivery minimum bill amount shown below applied to the delivery portion of the bill (i.e. to all rate components other than the generation rate). In addition, total bundled charges will include applicable generation charges per kWh for all kWh usage.

Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

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(Continued)



**ELECTRIC SCHEDULE EV
RESIDENTIAL TIME-OF-USE
SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS**

Sheet 1

Rate A	TOTAL RATES		
Total Energy Rates (\$ per kWh)	PEAK	PART-PEAK	OFF-PEAK
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California Climate Credit (per household, per semi-annual payment occurring in the April and October bill cycles)		(\$27.70)	

(Continued)

Advice 5503-E
Decision 19-02-023

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

March 26, 2019
April 1, 2019

**PG&E Gas and Electric
Advice Filing List
General Order 96-B, Section IV**

AT&T	Downey & Brand	Pioneer Community Energy
Albion Power Company	East Bay Community Energy	Praxair
Alcantar & Kahl LLP	Ellison Schneider & Harris LLP	Regulatory & Cogeneration Service, Inc.
	Energy Management Service	SCD Energy Solutions
Alta Power Group, LLC	Evaluation + Strategy for Social	
Anderson & Poole	Innovation	SCE
	GenOn Energy, Inc.	SDG&E and SoCalGas
Atlas ReFuel	Goodin, MacBride, Squeri, Schlotz &	
BART	Ritchie	SPURR
	Green Charge Networks	San Francisco Water Power and Sewer
Barkovich & Yap, Inc.	Green Power Institute	Seattle City Light
P.C. CalCom Solar	Hanna & Morton	Sempra Utilities
California Cotton Ginners & Growers Assn	ICF	Southern California Edison Company
California Energy Commission	International Power Technology	Southern California Gas Company
California Public Utilities Commission	Intestate Gas Services, Inc.	Spark Energy
California State Association of Counties	Kelly Group	Sun Light & Power
Calpine	Ken Bohn Consulting	Sunshine Design
	Keyes & Fox LLP	Tecogen, Inc.
Cameron-Daniel, P.C.	Leviton Manufacturing Co., Inc.	TerraVerde Renewable Partners
Casner, Steve	Linde	Tiger Natural Gas, Inc.
Cenergy Power	Los Angeles County Integrated Waste	
Center for Biological Diversity	Management Task Force	TransCanada
City of Palo Alto	Los Angeles Dept of Water & Power	Troutman Sanders LLP
	MRW & Associates	Utility Cost Management
City of San Jose	Manatt Phelps Phillips	Utility Power Solutions
Clean Power Research	Marin Energy Authority	Utility Specialists
Coast Economic Consulting	McKenzie & Associates	
Commercial Energy	Modesto Irrigation District	Verizon
County of Tehama - Department of Public	Morgan Stanley	Water and Energy Consulting
Works	NLine Energy, Inc.	Wellhead Electric Company
Crossborder Energy	NRG Solar	Western Manufactured Housing
Crown Road Energy, LLC		Communities Association (WMA)
Davis Wright Tremaine LLP		Yep Energy
Day Carter Murphy	Office of Ratepayer Advocates	
	OnGrid Solar	
Dept of General Services	Pacific Gas and Electric Company	
Don Pickett & Associates, Inc.		
Douglass & Liddell		