

CALIFORNIA PUBLIC UTILITIES COMMISSION

**ADVICE LETTER FILING SUMMARY
ENERGY UTILITY**

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

Company name/CPUC Utility No. **Liberty Utilities (CalPeco Electric) LLC (U 933-E)**

Utility type:

- ELC GAS
 PLC HEAT WATER

Contact Person: Daniel W. Marsh

Phone #: (562) 299-5104

E-mail: Dan.Marsh@libertyutilities.com

EXPLANATION OF UTILITY TYPE

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

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 93-E

Tier Designation: 1 2 3

Subject of AL: Establishment of a New Virtual Net Metering Tariff

Keywords (choose from CPUC listing):

AL filing type: Monthly Quarterly Annual One-Time Other

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution:

Does AL replace a withdrawn or rejected AL?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

Summarize differences between the AL and the prior withdrawn or rejected AL:

Resolution Required? Yes No

Requested effective date: March 21, 2018

No. of tariff sheets: 9

Estimated system annual revenue effect (%): ____

Estimated system average rate effect (%): ____

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: N/A

Service affected and changes proposed: N/A

Pending Advice Letters that revise the same tariff sheets: N/A

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

CPUC, Energy Division Utility Info (including e-mail)

Attention: Tariff Unit
505 Van Ness Ave., 4th Floor
San Francisco, CA 94102
edtariffunit@cpuc.ca.gov

Liberty Utilities (CalPeco Electric) LLC
Attention: Advice Letter Protests
933 Eloise Avenue
South Lake Tahoe, CA 96150
Email: Dan.Marsh@libertyutilities.com



Liberty Utilities (CalPeco Electric) LLC
933 Eloise Avenue
South Lake Tahoe, CA 96150
Tel: 800-782-2506
Fax: 530-544-4811

VIA EMAIL AND U.S. MAIL

March 21, 2018

**Advice Letter No. 93-E
(U 933-E)**

California Public Utilities Commission
Energy Division, Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102-3298

Subject: Establishment of a New Virtual Net Metering Tariff

I. Purpose

In compliance with Commission Decision (D.)17-12-022, this advice filing establishes a virtual net metering (VNEM) tariff. The proposed tariff is attached.

II. Background

Assembly Bill (AB) 693 established the Solar on Multifamily Affordable Housing (SOMAH) Program to provide financial incentives for the installation of solar systems on multifamily affordable housing properties. Section 2870(g)(1) requires that the utility bill reductions in the SOMAH Program must be “achieved through tariffs that allow for the allocation of credits, such as virtual net metering tariffs designed for Multifamily Affordable Solar Housing Program participants, or other tariffs that may be adopted by the commission pursuant to Section 2827.1.

In D.17-12-022, the Commission determined that the SOMAH Program would use a VNEM tariff to provide benefits to tenants. D.17-12-022 ordering paragraph 3 required the investor-owned utilities to file a Tier 1 advice letter within 90 days of the date of the decision to establish a VNEM tariff. This advice letter is filed in compliance with the Decision.

III. SOMAH Program Funding

Liberty CalPeco does not currently have a VNEM tariff. In compliance with ordering paragraph 3 of the Decision, PacifiCorp proposes to establish a VNEM tariff applicable to SOMAH Program participants. The proposed schedule, Multifamily Affordable Solar Housing Virtual Net Metering will provide virtual net metering service to SOMAH Program participants.

Tier Designation

Pursuant to D.17-12-022, this advice letter is submitted with a Tier 1 designation.

Effective Date

This advice filing is effective March 21, 2018, the same day as filed.

Protests

Anyone wishing to protest this Advice Letter may do so by letter sent via U.S. mail, by facsimile or by email, any of which must be received no later than April 10, 2018, which is 20 days after the date of this Advice Letter. There are no restrictions on who may submit a protest, but the protest shall set forth the grounds upon which it is based and shall be submitted expeditiously. Protests should be mailed to:

California Public Utilities Commission
Energy Division, Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102-3298
Facsimile: (415) 703-2200
Email: edtariffunit@cpuc.ca.gov

The protest should be sent via email and U.S. Mail (and by facsimile, if possible) to Liberty Utilities (CalPeco Electric) LLC at the address shown below on the same date it is mailed or delivered to the Commission:

Liberty Utilities (CalPeco Electric) LLC
Attn: Advice Letter Protests
933 Eloise Avenue
South Lake Tahoe, CA 96150
Fax: 530-544-4811
Email: Dan.Marsh@libertyutilities.com

Notice

In accordance with General Order 96-B, Section 4.3, a copy of this Advice Letter is being sent electronically to parties shown on the attached service lists.

If additional information is required, please do not hesitate to contact me.

Energy Division Tariff Unit
California Public Utilities Commission
March 21, 2018
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Respectfully submitted,

LIBERTY UTILITIES (CALPECO ELECTRIC) LLC

/s/ Daniel W. Marsh

Daniel W. Marsh
Liberty Utilities (CalPeco Electric) LLC
Manager, Rates and Regulatory Affairs
Phone: 562-299-5104
Email: Dan.Marsh@libertyutilities.com

cc: Liberty CalPeco General Order 96-B Service List
Service List for R.14-07-002

Liberty Utilities (CalPeco Electric) LLC
Advice Letter Filing Service List
General Order 96-B, Section 4.3

VIA EMAIL

gbinge@ktminc.com;
emello@sppc.com;
epoole@adplaw.com;
cem@newsdata.com;
rmccann@umich.edu;
sheila@wma.org;
abb@eslawfirm.com;
cbk@eslawfirm.com;
bhodgeusa@yahoo.com;
chilen@nvenergy.com;
phanschen@mofo.com;
liddell@energyattorney.com;
cem@newsdata.com;
dietrichlaw2@earthlink.net;
ericj@eslawfirm.com;
clerk-recorder@sierracounty.ws;
plumascoco@gmail.com;
marshall@psln.com;
stephenhollabaugh@tdpud.org;
gross@portersimon.com;
mccluretahoe@yahoo.com;
catherine.mazzeo@swgas.com;
Theresa.Faegre@libertyutilities.com;
SDG&ETariffs@semprautilities.com;
greg.campbell@libertyutilities.com;
bcragg@goodinmacbride.com;

AdviceTariffManager@sce.com;
edtariffunit@cpuc.ca.gov;
jrw@cpuc.ca.gov;
rmp@cpuc.ca.gov;
jaime.gannon@cpuc.ca.gov;
mas@cpuc.ca.gov;
txb@cpuc.ca.gov;
efr@cpuc.ca.gov;
tlg@cpuc.ca.gov;
dao@cpuc.ca.gov;
ljt@cpuc.ca.gov;
mmg@cpuc.ca.gov;
kjl@cpuc.ca.gov;
denise.tyrrell@cpuc.ca.gov;
fadi.daye@cpuc.ca.gov;
winnie.ho@cpuc.ca.gov;
usrb@cpuc.ca.gov;
Rob.Oglesby@energy.ca.gov;
stevegreenwald@dwt.com;
vidhyaprabhakaran@dwt.com;
judypau@dwt.com;
dwtcpucdockets@dwt.com;
patrickferguson@dwt.com;
travis.ritchie@sierraclub.org;
dan.marsh@libertyutilities.com;
sharon.yang@libertyutilities.com;
ginge@kinectenergy.com



California
Public Utilities
Commission



[CPUC Home](#)

CALIFORNIA PUBLIC UTILITIES COMMISSION Service Lists

PROCEEDING: R1407002 - CPUC - OIR TO DEVELO
FILER: CPUC
LIST NAME: LIST
LAST CHANGED: MARCH 12, 2018

[Download the Comma-delimited File](#)
[About Comma-delimited Files](#)

[Back to Service Lists Index](#)

Parties

DAVID RUNSTEN
 POLICY DIRECTOR
 CALIF. CLIMATE AND AGRICULTURE NETWORK
 EMAIL ONLY
 EMAIL ONLY, CA 00000
 FOR: COMMUNITY ALLIANCE WITH FAMILY
 FARMERS (CAFF)

GREGORY S. G. KLATT
 ATTORNEY
 DOUGLASS & LIDDELL
 EMAIL ONLY
 EMAIL ONLY, CA 00000
 FOR: WAL-MART STORES, INC. / SAM'S
 WEST, INC.; UNIVERSITY OF CALIFORNIA
 (UC)

HOWARD CHOY
 GEN. MGR., OFFICE OF SUSTAINABILITY
 COUNTY OF LOS ANGELES
 EMAIL ONLY
 EMAIL ONLY, CA 00000
 FOR: SOUTHERN CALIFORNIA REGIONAL
 ENERGY NETWORK (SCREN)

JOSHUA NELSON
 ASSOCIATE
 BEST BEST & KRIEGER LLP
 EMAIL ONLY
 EMAIL ONLY, CA 00000
 FOR: INLAND EMPIRE UTILITIES AGENCY /
 PADRE DAM MUNICIPAL DISTRICT / RANCHO
 CALIFORNIA WATER DISTRICT / TERRA VERDE
 RENEWABLE PARTNERS / VALLEY CENTER
 MUNICIPAL WATER DISTRICT

KELLY DAMEWOOD
 POLICY DIR.
 CALIFORNIA CERTIFIED ORGANIC FARMERS
 EMAIL ONLY
 EMAIL ONLY, CA 00000
 FOR: CALIFORNIA CERTIFIED ORGANIC
 FARMERS (CCOF)

MADELINE STANO
 ENERGY LEGAL COUNSEL
 THE GREENLINING INSTITUTE
 EMAIL ONLY
 EMAIL ONLY, CA 00000
 FOR: THE GREENLINING INSTITUTE

MARC D JOSEPH
ATTORNEY
ADAMS BROADWELL JOSEPH & CARDOZO, PC
EMAIL ONLY
EMAIL ONLY, CA 00000
FOR: THE COALITION OF CALIFORNIA
UTILITY EMPLOYEES (CCUE)

ROBERT GNAIZDA
GENERAL COUNSEL
NATIONAL ASIAN AMERICAN COALITION
EMAIL ONLY
EMAIL ONLY, CA 00000
FOR: THE NATIONAL DIVERSITY COALITION

SEPHRA A. NINOW
ASSOC. DIR - REGULATORY AFFAIRS
CENTER FOR SUSTAINABLE ENERGY
EMAIL ONLY
EMAIL ONLY, CA 00000
FOR: CENTER FOR SUSTAINABLE ENERGY (CSE)

ABRAHAM SILVERMAN
ASSIST. GEN. COUNSEL - REGULATORY
NRG ENERGY, INC.
211 CARNEGIE CENTER DRIVE
PRINCETON, NJ 08540
FOR: NRG ENERGY, INC

BRANDON SMITHWOOD
POLICY DIR
COALITION FOR COMMUNITY SOLAR ACCESS
PO BOX 65491
WASHINGTON, DC 20035
FOR: COAITION FOR COMMUNITY SOLAR
ACCESS (CCSA)

CARLOS A. H. VAQUERANO
EXECUTIVE DIR.
SALVADORAN AMERICAN LEADERSHIP
1625 WEST OLYMPIC BLVD.
LOS ANGELES, CA 90015
FOR: SALVADORIAN AMERICAN LEADERSHIP
AND EDUCATIONAL FUND (SALEF)

HOWARD CHOY
GENERAL MGR.
COUNTY OF LOS ANGELES
OFFICE OF SUSTAINABILITY
1100 NORTH EASTERN AVENUE
LOS ANGELES, CA 90063
FOR: LOCAL GOVERNMENT SUSTAINABLE
ENERGY COALITION (LGSEC)

ANDREW MANNLE
VP - STRATEGIC DEVELOPMENT
PROMISE ENERGY, INC.
8695 WASHINGTON BLVD., STE. 205
CULVER CITY, CA 90232
FOR: PROMISE ENERGY, INC.

JESSALYN ISHIGO
ENVIRONMENTAL BUSINESS DEVELOPMENT OFF.
AMERICAN HONDA MOTOR CO., INC.
1919 TORRANCE BLVD.
TORRANCE, CA 90501
FOR: AMERICAN HONDA MOTOR COMAPNY, INC.

BRADLEY L. BARTZ
PRESIDENT
ABC SOLAR INCORPORATED
24454 HAWTHORNE BLVD
TORRANCE, CA 90505
FOR: ABC SOLAR INC.

TONJA WICKS
TLW LEGAL & GOV'T. SUPPORT SVCS.
5318 E. 2ND STREET, NO.703
LONG BEACH, CA 90803
FOR: TLW LEGAL AND GOVERNMENT SUPPORT
SERVICES

DANIEL W. DOUGLASS
ATTORNEY
DOUGLASS & LIDDELL
4766 PARK GRANADA, SUITE 209
CALABASAS, CA 91302
FOR: ALLIANCE FOR RETAIL ENERGY MARKETS
(AREM)

REBECCA MEIERS-DE PASTINO
SENIOR ATTORNEY
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVENUE / PO BOX 800
ROSEMEAD, CA 91770
FOR: SOUTHERN CALIFORNIA EDISON COMPANY

G. ANDREW BLAUVELT
COUNSEL
THE MASH COALITION
5835 AVENIDA ENCINAS, STE. 116
CARLSBAD, CA 92008
FOR: MULTIFAMILY AFFORDABLE SOLAR HOMES
COALITION (THE MASH COALITION): AFF'D.
HSG. GRP., BAYVIEW COMM. DEV'T., CESAR
CHAVEZ FNDN., CHELSEA INV. CORP., COMM.

HSG. WORKS, COMM ADV. CORP., COMM.
CORP. OF STA. MONICA, CORE BLDRS., EAH
HSNG., EVERYDAY ENERGY, I.G. PRNRS.,
LP, LEVY AFF., LINC HSG., MANY
MANSIONS, SD YOUTH SVCS., STD. PROPERTY
CO., THE RELIANT GRP., URBAN HSG.
COMM., VITUS GRP., WAKELAND HSG.

SCOTT SAREM
CO-FOUNDER/CEO
EVERYDAY ENERGY
5865 AVENIDA ENCINAS, STE 142A
CARLSBAD, CA 92008
FOR: EVERYDAY ENERGY

FREDERICK M. ORTLIEB
DEPUTY CITY ATTORNEY
CITY OF SAN DIEGO
1200 THIRD AVENUE, SUITE 1100
SAN DIEGO, CA 92101
FOR: CITY OF SAN DIEGO

E. GREGORY BARNES
ATTORNEY
SAN DIEGO GAS & ELECTRIC COMPANY
8330 CENTURY PARK COURT, BLDG 3. CP32D
SAN DIEGO, CA 92123
FOR: SAN DIEGO GAS & ELECTRIC COMPANY

KENNETH SAHM WHITE
ECONOMICS & POLICY ANALYSIS DIR
CLEAN COALITION
16 PALM CT.
MENLO PARK, CA 94025
FOR: CLEAN COALITION

ELLISON FOLK
ATTORNEY
SHUTE, MIHALY & WEINBERGER LLP
396 HAYES STREET
SAN FRANCISCO, CA 94102
FOR: INTERSTATE RENEWABLE ENERGY
COUNCIL (IREC)

CHRISTOPHER CLAY
CALIF PUBLIC UTILITIES COMMISSION
LEGAL DIVISION
ROOM 4300
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214
FOR: ORA

IVAN JIMENEZ
LEGAL FELLOW
BRIGHTLINE DEFENSE PROJECT
1028A HOWARD STREET
SAN FRANCISCO, CA 94103
FOR: BRIGHTLINE DEFENSE PROJECT

JAMES GROW
NATIONAL HOUSING LAW PROJECT
703 MARKET ST., STE. 2000
SAN FRANCISCO, CA 94103
FOR: NATIONAL HOUSING LAW PROJECT

MATTHEW FREEDMAN
STAFF ATTORNEY
THE UTILITY REFORM NETWORK
785 MARKET STREET, 14TH FL
SAN FRANCISCO, CA 94103
FOR: TURN

RANDALL J. LITTENEKER, ESQ.
ATTORNEY
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET, MC B30A / PO BOX 7442
SAN FRANCISCO, CA 94105
FOR: PACIFIC GAS AND ELECTRIC COMPANY

BRIAN CRAGG
ATTORNEY
GOODIN, MACBRIDE, SQUERI & DAY, LLP
505 SANSOME ST., STE. 900
SAN FRANCISCO, CA 94111
FOR: INDEPENDENT ENERGY PRODUCERS
ASSOCIATION (IEPA)

JEANNE B. ARMSTRONG
ATTORNEY
GOODIN MACBRIDE SQUERI & DAY LLP
505 SANSOME STREET, SUITE 900
SAN FRANCISCO, CA 94111
FOR: SOLAR ENERGY INDUSTRIES ASSOCIATION

STEVE SHERR
SVP BUSINESS AFFAIRS & GEN. COUNSEL
FOUNDATION WINDPOWER, LLC

VIDHYA PRABHAKARAN
ATTORNEY
DAVIS WRIGHT & TREMAINE LLP

505 SANSOME STREET, STE 450
 SAN FRANCISCO, CA 94111
 FOR: FOUNDATION WINDPOWER, LLC

505 MONTGOMERY STREET, SUITE 800
 SAN FRANCISCO, CA 94111
 FOR: PENINSULA CLEAN ENERGY AUTHORITY
 (PCE)

RITA M. LIOTTA
 FEDERAL EXECUTIVE AGENCIES
 1 AVENUE OF THE PALM, SUITE 161
 SAN FRANCISCO, CA 94130
 FOR: FEDERAL EXECUTIVE AGENCIES

GOPAL SHANKER
 PRESIDENT
 RECOLTE ENERGY
 410 LAFATA STREET, SUITE 102
 ST. HELENA, CA 94574
 FOR: RECOLTE ENERGY

CATHLEEN MONAHAN
 SR. PROGRAMS DIR.
 GRID ALTERNATIVES
 1171 OCEAN AVENUE, SUITE 200
 OAKLAND, CA 94608
 FOR: GRID ALTERNATIVES

ALISON SEEL
 ASSOCIATE ATTORNEY
 SIERRA CLUB
 2101 WEBSTER ST., STE. 1300
 OAKLAND, CA 94612
 FOR: SIERRA CLUB

JASON B. KEYES
 PARTNER
 KEYES & FOX LLP
 436 14TH ST., STE.1305
 OAKLAND, CA 94612
 FOR: ENERGY FREEDOM COALITION OF
 AMERICA, LLC

SUBIN G. DEVAR
 COMMUNITY RENEWABLE ENERGY DIR.
 SUSTAINABLE ECONOMIES LAW CENTER
 1428 FRANKLIN ST
 OAKLAND, CA 94612
 FOR: SUSTAINABLE ECONOMIES LAW CENTER

TIM LINDL
 COUNSEL
 KEYES & FOX LLP
 436 14TH STREET, STE. 1305
 OAKLAND, CA 94612
 FOR: THE ALLIANCE FOR SOLAR CHOICE
 (TASC)

ALEX MORRIS
 SR. DIR., POLICY & REGULATORY AFFAIRS
 CALIFORNIA ENERGY STORAGE ALLIANCE
 2150 ALLSTON WAY, SUITE 210
 BERKELEY, CA 94704
 FOR: CALIFORNIA ENERGY STORAGE ALLIANCE
 (CESA)

AMY ALLEN
 MEMBER, STEERING COMMITTEE
 350 BAY AREA
 2511 HEARST AVE., NO. 305
 BERKELEY, CA 94709
 FOR: 350 BAY AREA STEERING COMMITTEE

JEAN WOO
 CUSTOM POWER SOLAR
 1442A WALNUT STREET, NO. 368
 BERKELEY, CA 94709
 FOR: CUSTOM POWER SOLAR

SHANA LAZEROW
 ATTORNEY
 COMMUNITIES FOR A BETTER ENVIRONMENT
 120 BROADWAY, SUITE 2
 RICHMOND, CA 94804
 FOR: CALIFORNIA ENVIRONMENTAL JUSTICE
 ALLIANCE

SHALINI SWAROOP
 REGULATORY & LEGISLATIVE COUNSEL
 MARIN CLEAN ENERGY
 1125 TAMALPAIS AVENUE
 SAN RAFAEL, CA 94901
 FOR: MARIN CLEAN ENERGY

MICHAEL E. BOYD
 PRESIDENT
 CALIFORNIANS FOR RENEWABLE ENERGY, INC.
 5439 SOQUEL DRIVE
 SOQUEL, CA 95073

TIM MCRAE
 SILICON VALLEY LEADERSHIP GROUP
 2001 GATEWAY PLACE, STE. 101E
 SAN JOSE, CA 95110
 FOR: SILICON VALLEY LEADERSHIP GROUP

FOR: CALIFORNIANS FOR RENEWABLE ENERGY,
INC. (CARE)

STEVEN S. SHUPE
GENERAL COUNSEL
SONOMA CLEAN POWER AUTHORITY
50 SANTA ROSA AVE., 5TH FL.
SANTA ROSA, CA 95404
FOR: SONOMA CLEAN POWER AUTHORITY (SCPA)

ERIC S. EISENHAMMER
COALITION OF ENERGY USERS
1220 MELODY LANE, NO. 110
ROSEVILLE, CA 95678
FOR: COALITION OF ENERGY USERS

BRAD HEAVNER
POLICY DIRECTOR
CALIFORNIA SOLAR & STORAGE ASSOCIATION
1107 9TH ST., SUITE 820
SACRAMENTO, CA 95814
FOR: CALIFORNIA SOLAR & STORAGE
ASSOCIATION (CALSSA) F/K/A CALIFORNIA
SOLAR ENERGY INDUSTRIES ASSOCIATION
(CSEIA) (CALSEIA)

DAN GRIFFITHS
ATTORNEY
BRAUN BLAISING MCLAUGHLIN & SMITH, P.C.
915 L STREET, SUITE 1480
SACRAMENTO, CA 95814
FOR: CITY OF LANCASTER

JOSHUA NELSON
ATTORNEY
BEST BEST & KRIEGER LLP
500 CAPITOL MALL, STE. 1700
SACRAMENTO, CA 95814
FOR: SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT

JOSHUA NELSON
ATTORNEY
BEST BEST & KRIEGER LLP
500 CAPITOL MALL, SUITE 1700
SACRAMENTO, CA 95814
FOR: SWEETWATER AUTHORITY

JUSTIN WYNNE
ATTORNEY
BRAUN BLAISING MCLAUGHLIN & SMITH, P.C.
915 L STREET, SUITE 1480
SACRAMENTO, CA 95814
FOR: CALIFORNIA MUNICIPAL UTILITIES
ASSOCIATION (MUA)

MATTHEW KLOPFENSTEIN
ATTORNEY
GONZALEZ, QUINTANA & HUNTER, LLC
915 L STREET, STE. 1480
SACRAMENTO, CA 95814
FOR: NLINE ENERGY, INC.

MICHAEL BOCCADORO
WEST COAST ADVISORS
925 L STREET, STE. 800
SACRAMENTO, CA 95814
FOR: AGRICULTURAL ENERGY CONSUMERS
ASSOCIATION (AECA)

RONALD LIEBERT
ATTORNEY AT LAW
ELLISON SCHNEIDER HARRIS & DONLAN LLP
2600 CAPITOL AVENUE, STE. 400
SACRAMENTO, CA 95816
FOR: VOTE SOLAR

JEDEDIAH J. GIBSON
ATTORNEY
ELLISON SCHNEIDER HARRIS & DONLAN LLP
2600 CAPITOL AVENUE, SUITE 400
SACRAMENTO, CA 95816-5905
FOR: PACIFICORP

JENNIFER FARRELL
ENERGY & SUSTAINABILITY UNIT
CALIF DEPT OF CORRECTIONS & REHAB
9838 OLD PLACERVILLE RD., STE. B
SACRAMENTO, CA 95827
FOR: CALIFORNIA DEPT OF CORRECTIONS AND
REHABILITATION (CDCR)

KAREN NORENE MILLS
ATTORNEY
CALIFORNIA FARM BUREAU FEDERATION
2300 RIVER PLAZA DRIVE

LIBERTY UTILITIES LLC (FORMERLY CALPECO)
933 ELOISE AVENUE
SOUTH LAKE TAHOE, CA 96150
FOR: LIBERTY UTILITIES LLC (CALPECO)

SACRAMENTO, CA 95833
FOR: CALIFORNIA FARM BUREAU FEDERATION

ELECTRIC LLC)

Information Only

AARON (YICHEN) LU
PROGRAM COORDINATOR
CITY OF SAN DIEGO
EMAIL ONLY
EMAIL ONLY, CA 00000

AIMEE SMITH
SR. REGULATORY COUNSEL
SAN DIEGO GAS & ELECTRIC COMPANY
EMAIL ONLY
EMAIL ONLY, CA 00000
FOR: SAN DIEGO GAS & ELECTRIC COMPANY

AMBER L. ALBRECHT
SENIOR COMMUNICATIONS MANAGER
SAN DIEGO GAS & ELECTRIC COMPANY
EMAIL ONLY
EMAIL ONLY, CA 00000

ANDREW ACE
EMAIL ONLY
EMAIL ONLY, CA 00000
FOR: PACIFIC GAS AND ELECTRIC

ANDREW SCHWARTZ
TESLA, INC.
EMAIL ONLY
EMAIL ONLY, CA 00000

ANDY BLAUVELT
MULTIFAMILY AFFORDABLE SOLAR HOMES
EMAIL ONLY
EMAIL ONLY, CA 00000

BRIAN THEAKER
DIRECTOR - REGULATORY AFFAIRS
NRG ENERGY, INC.
EMAIL ONLY
EMAIL ONLY, CA 00000

C. C. SONG
SR. POLICY ANALYST
MARIN CLEAN ENERGY
EMAIL ONLY
EMAIL ONLY, CA 00000

CARMELITA L. MILLER
LEGAL COUNSEL
THE GREENLINING INSTITUTE
EMAIL ONLY
EMAIL ONLY, CA 00000

CASE COORDINATION
PACIFIC GAS AND ELECTRIC COMPANY
EMAIL ONLY
EMAIL ONLY, CA 00000

CATHERINE BUCKLEY
PACIFIC GAS AND ELECTRIC COMPANY
EMAIL ONLY
EMAIL ONLY, CA 00000

CATHIE ALLEN
REGULATORY MGR.
PACIFICORP
EMAIL ONLY
EMAIL ONLY, OR 00000

CHRISTA LIM
ATTORNEY AT LAW
SAN DIEGO GAS AND ELECTRIC COMPANY
EMAIL ONLY
EMAIL ONLY, CA 00000

COLLIN TATEISHI
SUSTAINABLE HOUSING POLICY ANALYST
CALIFORNIA HOUSING PARYNERSHIP
EMAIL ONLY
EMAIL ONLY, CA 00000

CURT BARRY
SENIOR WRITER
INSIDE WASHINGTON PUBLISHERS
EMAIL ONLY
EMAIL ONLY, CA 00000

DAMON FRANZ
DIRECTOR - POLICY & ELECTRICITY MARKETS
TESLA, INC.
EMAIL ONLY
EMAIL ONLY, CA 00000

DANA GOLAN
 MANAGER- CUSTOMER PRICING
 SAN DIEGO GAS & ELECTRIC COMPANY
 EMAIL ONLY
 EMAIL ONLY, CA 00000

DANIEL SULLIVAN
 FOUNDER/PRESIDENT
 SULLIVAN SOLAR POWER
 EMAIL ONLY
 EMAIL ONLY, CA 00000

DAVID HUANG
 LEGAL FELLOW
 THE GREENLINING INSTITUTE
 EMAIL ONLY
 EMAIL ONLY, CA 00000

DONALD LIDDELL
 DOUGLASS & LIDDELL
 EMAIL ONLY
 EMAIL ONLY, CA 00000

ELI HARLAND
 CALIFORNIA ENERGY COMMISSION
 ENERGY RESEARCH & DEVELOPMENT DIV.
 EMAIL ONLY
 EMAIL ONLY, CA 00000

ERANDI RATNAYAKE
 PROGRAM COORDINATOR
 GRID ALTERNATIVES
 EMAIL ONLY
 EMAIL ONLY, CA 00000

EVE DIAMOND
 ANALYST, BOARD OF SUPERVISORS
 NEVADA COUNTY
 EMAIL ONLY
 EMAIL ONLY, NV 00000

GRACIE WALOVICH
 THE ALLIANCE FOR SOLAR CHOICE
 EMAIL ONLY
 EMAIL ONLY, CA 00000

HANNA GRENE
 CENTER FOR SUSTAINBLE ENERGY
 EMAIL ONLY
 EMAIL ONLY, CA 00000

JAMES HANSELL
 NAVIGANT CONSULTING
 EMAIL ONLY
 EMAIL ONLY, CA 00000

JASON PERKINS
 EMAIL ONLY
 EMAIL ONLY, CA 00000

JEREMY WAEN
 SR. REGULATORY ANALYST
 MARIN CLEAN ENERGY
 EMAIL ONLY
 EMAIL ONLY, CA 00000

JESSICA YIP
 ONGRID SOLAR
 EMAIL ONLY
 EMAIL ONLY, CA 00000

JIMI NETNISS
 MODESTO IRRIGATION DISTRICT
 EMAIL ONLY
 EMAIL ONLY, CA 00000

KAREY CHRIST-JANER
 EMAIL ONLY
 EMAIL ONLY, CO 00000

KARL R. RABAGO
 EXEC. DIR.- PACE ENERGY & CLIMATE CENTER
 PACE UNIVERSITY SCHOOL OF LAW
 EMAIL ONLY
 EMAIL ONLY, CA 00000

KATIE RAMSEY
 CLEAN COALITION
 EMAIL ONLY
 EMAIL ONLY, CA 00000

KELLY KNUTSEN
 POLICY ADVISOR
 CALIFORNIA SOLAR & STORAGE ASSOCIATION
 EMAIL ONLY
 EMAIL ONLY, CA 00000
 FOR: CALIFORNIA SOLAR & STORAGE
 ASSOCIATION (CALSSA) F/K/A CALIFORNIA

SOLAR ENERGY INDUSTRIES ASSOCIATION

MARC KOLB
 TESLA, INC.
 EMAIL ONLY
 EMAIL ONLY, CA 00000

MARGOT EVERETT
 PACIFIC GAS AND ELECTRIC COMPANY
 EMAIL ONLY
 EMAIL ONLY, CA 00000

MARIA STAMAS
 LEGAL FELLOW, ENERGY PROGRAM
 NATURAL RESOURCES DEFENSE COUNCIL
 EMAIL ONLY
 EMAIL ONLY, CA 00000

MARK ROEST
 SEA WAVE BATTERY, INC.
 EMAIL ONLY
 EMAIL ONLY, CA 00000

MCE REGULATORY
 MARIN CLEAN ENERGY
 EMAIL ONLY
 EMAIL ONLY, CA 00000

MIKE CADE
 ALCANTAR & KAHL
 EMAIL ONLY
 EMAIL ONLY, CA 00000

NIHAR SHAH
 CLO & CO-FOUNDER
 ONPACE ENERGY SOLUTIONS, LLC
 EMAIL ONLY
 EMAIL ONLY, CA 00000

OMAR MELO
 EMAIL ONLY
 EMAIL ONLY, CA 00000

PATRICK HENNIGAN
 EMAIL ONLY
 EMAIL ONLY, CA 00000
 FOR: PACIFIC GAS AND ELECTRIC

PATTI LANDRY
 REGULATORY ANALYST
 PACIFIC GAS & ELECTRIC COMPANY
 EMAIL ONLY
 EMAIL ONLY, CA 00000

PETER MILLER
 NATURAL RESOURCES DEFENSE COUNCIL
 EMAIL ONLY
 EMAIL ONLY, CA 00000
 FOR: NATURAL RESOURCES DEFENSE COUNCIL
 (NRDC)

RICK UMOFF
 DIRECTOR OF CA STATE AFFAIRS
 SOLAR ENERGY INDUSTRIES ASSOCIATION
 EMAIL ONLY
 EMAIL ONLY, CA 00000

SCOTT MURTISHAW
 ENERGY ADVISOR
 CPUC - EXEC DIV
 EMAIL ONLY
 EMAIL ONLY, CA 00000

SHARON YANG
 DIRECTOR OF LEGAL SERVICES
 LIBERTY UTILITIES (WEST REGION)
 EMAIL ONLY
 EMAIL ONLY, AA 00000

STACY WALTER
 PACIFIC GAS AND ELECTRIC COMPANY
 EMAIL ONLY
 EMAIL ONLY, CA 00000

STEPHEN LUDWICK
 ZIMMER PARTNERS
 EMAIL ONLY
 EMAIL ONLY, CA 00000

SUSANNAH CHURCHILL
 SOLAR POLICY ADVOCATE
 VOTE SOLAR
 EMAIL ONLY
 EMAIL ONLY, CA 00000

TADASHI GONDAI
 SR. ATTORNEY / DIR OF LEGAL AFFAIRS
 NATIONAL ASIAN AMERICAN COALITION
 EMAIL ONLY
 EMAIL ONLY, CA 00000

FOR: THE NATIONAL DIVERSITY COALITION

TED JAMES
PACIFIC GAS AND ELECTRIC COMPANY
EMAIL ONLY
EMAIL ONLY, CA 00000

MRW & ASSOCIATES, LLC
EMAIL ONLY
EMAIL ONLY, CA 00000

BENJAMIN AIRTH
CENTER FOR SUSTAINABLE ENERGY
EMAIL ONLY
EAMIL ONLY, CA 00000-0000

ERIK ANDERSON
PACIFICORP
EMAIL ONLY
EMAIL ONLY, OR 00000-0000

JOHN W. LESLIE, ESQ.
PARTNER
DENTONS US LLP
EMAIL ONLY
EMAIL ONLY, CA 00000-0000

MICHAEL DANDURAND
LNZ CAPTIAL, LP
411 LAFAYETTE STREET
NEW YORK, NY 10003

JONATHAN GOLDBERG
HIGHLINE CAPITAL MANAGEMENT
1 ROCKEFELLER PLAZA, 30TH FLOOR
NEW YORK, NY 10020

JAMES (JIM) VON RIESEMANN
MIZUHO SECURITIES USA, INC.
320 PARK AVENUE, 12TH FLOOR
NEW YORK, NY 10022

ARMAN TABATABAI
RESEARCH
MORGAN STANLEY
1585 BROADWAY, 38TH FL.
NEW YORK, NY 10036

KATHARINE MARVIN BAYS
HEIGHT SERCURITIES
1775 PENNSYLVANIA AVE, NW, 11TH FLR
WASHINGTON, DC 20017

LARRY R. ALLEN
NAVY ACQ-UTILITY RATES & STUDIES OFFICE
1322 PATTERSON AV., SE-BLG. 33, STE 1000
WASHINGTON NAVY YARD, DC 20374-5018

KAY DAVOODI
ACQ-UTILITY RATES AND STUDIES OFFICE
NAVAL FACILITIES ENGINEERING COMMAND HQ
1322 PATTERSON AV. SE, BLDG 33, STE 1000
WASHINGTON NAVY YARD, DC 20374-5065

MAKDA SOLOMON
NAVY UTILITY RATES AND STUDIES OFFICE
BLDG. 33, STE. 1000
1322 PATTERSON AV. SE, BLDG 33, STE. 1000
WASHINGTON NAVY YARD, DC 20374-5065

STEVEN HEWITSON
TROUTMAN SANDERS, LLP
600 PEACHTREE ST. NE, STE. 5200,
ATLANTA, GA 30308

MAURICE BRUBAKER
BRUBAKER & ASSOCIATES
PO BOX 412000
1215 FERN RIDGE PARKWAY, SUITE 208
ST. LOUIS, MO 63141-2000

ALI AL-JABIR
BRUBAKER & ASSOCIATES, INC.
ATRIUM PLAZA
5151 FLYNN PRKWY., STE. 412 C/D
CORPUS CHRISTI, TX 78411

KELLY CRANDALL
EQ RESEARCH, LLC
1400 16TH ST., 16 MARKET SQR., STE. 400
DENVER, CO 80202

ADAM LANE
DIRECTOR OF LEGISLATIVE AFFAIRS
LOS ANGELES BUSINESS COUNCIL
2029 CENTURY PARK EAST
LOS ANGELES, CA 90067

DAN MARSH
MGR, RATES AND REGULATORY AFFAIRS
LIBERTY UTILITIES (CALIFORNIA)
9750 WASHBURN ROAD
DOWNEY, CA 90241-7002

MILISSA MARONA
DIR - GOV'T & UTILITY RELATIONS
CODA ENERGY
135 E. MAPLE AVE.
MONROVIA, CA 91016

FRED STEFANY
SOLPLICITY
29899 AGOURA RD., STE. 100
AGOURA HILLS, CA 91301

ALLISON BAHEN
EDISON INTERNATIONAL
2244 WALNUT GROVE AVE.
ROSEMEAD, CA 91770

ANNA CHING
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVE.
ROSEMEAD, CA 91770

ANTHONY HERNANDEZ
SOUTHERN CALIFORNIA EDISON COMPANY
1515 WALNUT GROVE AVE.
ROSEMEAD, CA 91770

CASE ADMINISTRATION
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVE. / PO BOX 800
ROSEMEAD, CA 91770

ERIN PULGAR
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVE.
ROSEMEAD, CA 91770

MARISSA BLUNSCI
REGULATORY POLICY
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVE / PO BOX 800
ROSEMEAD, CA 91770

MICHAEL TOMLIN
SOUTHERN CALIFORNIA EDISON COMPANY
2244 WALNUT GROVE AVENUE
ROSEMEAD, CA 91770

MARY C. HOFFMAN
PRESIDENT
SOLUTIONS FOR UTILITIES, INC.
1192 SUNSET DRIVE
VISTA, CA 92081

HC JAY POWELL
COMMUNITY ENERGY ACTION NETWORK
3191 NORTH MOUNTAIN VIEW DRIVE
SAN DIEGO, CA 92116

VAN PARSEGHIAN
DELTA SOLAR ELECTRIC, INC.
4203 GENESEE AVENUE, SUITE 103
SAN DIEGO, CA 92117

BRITTNEY LEE
REGULATORY CASE ADMIN.
SAN DIEGO GAS & ELECTRIC COMPANY
8330 CENTURY PARK COURT, CP32F
SAN DIEGO, CA 92123

DEAN A. KINPORTS
REGULATORY CASE MGR.
SAN DIEGO GAS & ELECTRIC COMPANY
8330 CENTURY PARK COURT, CP32F
SAN DIEGO, CA 92123

ELLEN N. ADLER
ATTORNEY
SAN DIEGO GAS & ELECTRIC COMPANY
8330 CENTURY PARK COURT, CP32D
SAN DIEGO, CA 92123

JAMES STRANGE
CENTER FOR SUSTAINABLE ENERGY
EMAIL ONLY
EMAIL ONLY, CA 92123

MICHELLE SOMERVILLE
REGULATORY CASE MGR.
SAN DIEGO GAS & ELECTRIC COMPANY
8330 CENTURY PARK COURT
SAN DIEGO, CA 92123

CENTRAL FILES

CYNTHIA FANG

SAN DIEGO GAS & ELECTRIC COMPANY
8330 CENTURY PARK CT, CP31-E
SAN DIEGO, CA 92123-1530

SAN DIEGO GAS & ELECTRIC COMPANY
8330 CENTURY PARK COURT, CP32E
SAN DIEGO, CA 92123-1530

KEN DEREMER
DIRECTOR, TARIFF & REGULATORY ACCOUNTS
SAN DIEGO GAS & ELECTRIC COMPANY
8330 CENURY PARK COURT, CP32C
SAN DIEGO, CA 92123-1548

PETER T. PEARSON
ENERGY SUPPLY SPECIALIST
BEAR VALLEY ELECTRIC SERVICE
42020 GARSTIN DRIVE, PO BOX 1547
BIG BEAR LAKE, CA 92315-1547

JUDI SCHWEITZER
SCHWEITZER AND ASSOIATES, INC.
25422 TRABUCO ROAD, SUITE 105-190
LAKE FOREST, CA 92630

JEFF HIRSCH
JAMES J. HIRSCH & ASSOCIATES
12185 PRESILLA ROAD
SANTA ROSA VALLEY, CA 93012-9243

ANDREW YIP
DIR - BUS. DEVELOPMENT (DC MICROGRID)
ROBERT BOSCH LLC
101 JEFFERSON DRIVE
MENLO PARK, CA 94025

ANTHONY HARRISON
MGR. - REGULATORY AFFAIRS
STEM, INC.
100 ROLLINS RD.
MILLBRAE, CA 94030

SUE MARA
CONSULTANT
RTO ADVISORS, LLC
164 SPRINGDALE WAY
REDWOOD CITY, CA 94062

JOSEPH F. WIEDMAN
SR. REGULATORY & LEGISLATIVE ANALYST
PENINSULA CLEAN ENERGY AUTHORITY
400 COUNTY CENTER, SIXTH FL.
REDWOOD CITY, CA 94063

MARC D. JOSEPH
ATTORNEY AT LAW
ADAMS BROADWELL JOSEPH & CARDOZO
601 GATEWAY BLVD. STE 1000
SOUTH SAN FRANCISCO, CA 94080
FOR: THE COALITION OF CALIFORNIA
UTILITY EMPLOYEES (CCUE)

LAURA D. BEATON
ATTORNEY
SHUTE, MIHALY & WEINBERGER LLP
396 HAYES STREET
SAN FRANCISCO, CA 94102

PATRICK DOHERTY
CALIF PUBLIC UTILITIES COMMISSION
DIVISION OF ADMINISTRATIVE LAW JUDGES
AREA
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

ADAM GERZA
SULLIVAN SOLAR POWER OF CALIFORNIA, INC.
169 11TH STREET
SAN FRANCISCO, CA 94103

ELISE TORRES
STAFF ATTORNEY
THE UTILITY REFORM NETWORK
785 MARKET STREET, SUITE 1400
SAN FRANCISCO, CA 94103

JESSICA TSE
DISTRIBUTED ENERGY RESOURCES COOR.
SAN FRANCISCO CITY AND COUNTY
1455 MARKET STREET, SUITE 1200
SAN FRANCISCO, CA 94103

MARCEL HAWIGER
STAFF ATTORNEY
THE UTILITY REFORM NETWORK
785 MARKET ST., STE. 1400
SAN FRANCISCO, CA 94103

STEPHANIE WANG
POLICY DIRECTOR
CALIFORNIA HOUSING PARTNERSHIP
369 PINE STREET, STE. 300
SAN FRANCISCO, CA 94104

DEREK JONES
 NAVIGANT CONSULTING, INC.
 ONE MARKET ST., SPEAR TOWER, SUITE 1200
 SAN FRANCISCO, CA 94105

HELEN KANG
 ATTORNEY AT LAW
 ENVIRONMENTAL LAW AND JUSTICE CLINIC
 536 MISSION STREET
 SAN FRANCISCO, CA 94105

JANE OLIVEIRA
 PACIFIC GAS & ELECTRIC COMPANY
 77 BEALE STREE B10B
 SAN FRANCISCO, CA 94105

KAREN SHEA
 CASE MGR., CUSTOMER PROGRAM
 PACIFIC GAS AND ELECTRIC COMPANY
 77 BEALE STREET, B9A
 SAN FRANCISCO, CA 94105

KARIN CORFEE
 MANAGING DIRECTOR
 NAVIGANT CONSULTING INC
 1 MARKET ST., SPEAR ST. TWR, ST. 1200
 SAN FRANCISCO, CA 94105

LARISSA KOEHLER
 SENIOR ATTORNEY
 ENVIRONMENTAL DEFENSE FUND
 123 MISSION STREET, 28TH FLOOR
 SAN FRANCISCO, CA 94105

F. JACKSON STODDARD
 ATTORNEY
 MORGAN LEWIS & BOCKIUS, LLP
 ONE MARKET, SPEAR STREET TOWER
 SAN FRANCISCO, CA 94105-1126
 FOR: BLUE SKY UTILITY, LLC

ELIAH GILFENBAUM
 DEPUTY DIR
 TESLA, INC.
 444 DE HARO STREET, STE. 101
 SAN FRANCISCO, CA 94107

FRANCESCA WAHL
 SR. ASSOCIATE, BUS. DEVELOPMENT
 TESLA, INC.
 444 DE HARO STREET, STE. 101
 SAN FRANCISCO, CA 94107

PAM SEIDENMAN
 ADVANCED MICROGRID SOLUTIONS
 25 STILLMAN STREET
 SAN FRANCISCO, CA 94107

SAMUEL GOLDING
 PRESIDENT
 COMMUNITY CHOICE PARTNERS, INC.
 58 MIRABEL AVENUE
 SAN FRANCISCO, CA 94110

HOWARD GOLUB
 NIXON PEABODY LLP
 ONE EMBARCADERO CENTER, 18TH FLR
 SAN FRANCISCO, CA 94111

JILL N. JAFFE
 NOSSAMAN LLP
 50 CALIFORNIA STREET, 34TH FLOOR
 SAN FRNACISCO, CA 94111

JOHN L. CLARK
 ATTORNEY AT LAW
 GOODIN, MACBRIDE, SQUERI & DAY. LLP
 505 SANSOME STREET, SUITE 900
 SAN FRANCISCO, CA 94111
 FOR: EVERYDAY COMMUNICATIONS CORP.
 D/B/A EVERYDAY ENERGY

KATIE JORRIE
 ATTORNEY
 DAVIS WRIGHT TREMAINE, LLP
 505 MONTGOMERY STREET, SUITE 800
 SAN FRANCISCO, CA 94111
 FOR: PENINSULA CLEAN ENERGY AUTHORITY

MATTHEW VESPA
 ATTORNEY
 EARTHJUSTICE, CALIF. OFFICE
 50 CALIFORNIA STREET, STE. 500
 SAN FRANCISCO, CA 94111
 FOR: SIERRA CLUB

PATRICK J. FERGUSON

DAVIS WRIGHT TREMAINE LLP

ATTORNEY
DAVIS WRIGHT TREMAINE LLP
505 MONTGOMERY STREET, SUITE 800
SAN FRANCISCO, CA 94111

505 MONTGOMERY STREET, STE. 800
SAN FRANCISCO, CA 94111

CROWELL & MORING LLP
275 BATTERY STREET, 23RD FLR.
SAN FRANCISCO, CA 94111

MARTIN MATTES
NOSSAMAN LLP
50 CALIFORNIA STREET, STE. 3400
SAN FRANCISCO, CA 94111-4799

STEPHEN BJORGAN
NETZERO ENERGY LLC
PO BOX 14247
SAN FRANCISCO, CA 94114

MEGHA LAKHCHAURA
DIR. PUBLIC POLICY
SUNRUN INC
595 MARKET STREET
SAN FRANCISCO, CA 94115

SURYA SWAMY
NAVIGANT CONSULTING
ONE MARKET ST., SPEAR ST. TWR., STE.1200
SAN FRANCISCO, CA 94117

CALIFORNIA ENERGY MARKETS
425 DIVISADERO, STE. 303
SAN FRANCISCO, CA 94117

CHARLES R. MIDDLEKAUFF
ATTORNEY
PACIFIC GAS AND ELECTRIC COMPANY
PO BOX 7442, MC-B30A-2475
SAN FRANCISCO, CA 94120

SARA STECK MYERS
ATTORNEY AT LAW
122 - 28TH AVENUE
SAN FRANCISCO, CA 94121
FOR: CALIFORNIA DEPARTMENT OF
CORRECTIONS AND REHABILITATION (CDCR)

ZAVISLAK LAW
EMAIL ONLY
EMAIL ONLY, CA 94124

CASE COORDINATION
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE ST./ PO BOX 770000; MC B9A
SAN FRANCISCO, CA 94177

SARAH VAN CLEVE
ENERGY POLICY ADVISOR
TESLA, INC.
3500 DEER CREEK ROAD
PALO ALTO, CA 94304

CHRIS KING
CHIEF REGULATORY OFFICER
SIEMENS SMART GRID SOLUTIONS
4000 E. 3RD AVE., STE 400
FOSTER CITY, CA 94404-4827

BARRY LESKA
ALAMEDA MUNICIPAL POWER
2000 GRAND STREET / PO BOX H
ALAMEDA, CA 94501

MICHAEL ROCHMAN
MANAGING DIR.
SCHOOL PROJECT UTILITY RATE REDUCTION
1850 GATEWAY BLVD., STE. 235
CONCORD, CA 94520

MATTHEW BARMACK
DIR. - MARKET & REGULATORY ANALYSIS
CALPINE CORPORATION
4160 DUBLIN BLVD., SUITE 100
DUBLIN, CA 94568

ALLIE DETRIO
POLICY MANAGER
ENGIE SERVICES
500 12TH STREET, SUITE 300
OAKLAND, CA 94607

GERALD L. LAHR
ABAG POWER

ELISE HUNTER
DIR - POLICY & REGULATORY AFFAIRS

101 EIGHTH STREET
OAKLAND, CA 94607

GRID ALTERNATIVES
1171 OCEAN AVE., STE. 200
OAKLAND, CA 94608

LAURA GRAY
ENERGY STORAGE POLICY ADVISOR
CALIFORNIA SOLAR & STORAGE ASSOCIATION
426 17TH ST, SUITE 700
OAKLAND, CA 94612
FOR: CALIFORNIA SOLAR & STORAGE
ASSOCIATION (CALSSA) F/K/A CALIFORNIA
SOLAR ENERGY INDUSTRIES ASSOCIATION

RACHEL BIRD
DIR - POLICY & BUS. DEVELOPMENT, WEST
BORREGO SOLAR SYSTEMS, INC.
360 22ND STREET, SUITE 600
OAKLAND, CA 94612

SACHU CONSTANTINE
MANAGING DIRECTOR, REGULATORY
VOTE SOLAR
360 22ND ST, SUITE 730
OAKLAND, CA 94612

REKHA RAO
NEXTILITY
2015 SHATTUCK AVE., 5TH FLOOR
BERKELEY, CA 94704

STEPHANIE CHEN
THE GREENLINING INSTITUTE
1918 UNIVERSITY AVE., 2ND FL.
BERKELEY, CA 94704
FOR: THE GREENLINING INSTITUTE

NANCY RADER
EXECUTIVE DIRECTOR
CALIFORNIA WIND ENERGY ASSOCIATION
1700 SHATTUCK AVENUE, SUITE 17
BERKELEY, CA 94709

TOM BEACH
PRINCIPAL
CROSSBORDER ENERGY
2560 NINTH STREET, SUITE 213A
BERKELEY, CA 94710

ANDREW G. CAMPBELL
EXEC. DIR., ENERGY INSTITUTE AT HAAS
UNIVERSITY OF CALIFORNIA, BERKELEY
UNIVERSITY OF CALIFORNIA, BERKELEY
324 GIANNINI HALL
BERKELEY, CA 94720

NATHANIEL MALCOLM
REGULATORY LAW CLERK
MARIN CLEAN ENERGY
1125 TAMALPAIS AVE.
SAN RAFAEL, CA 94901

PHILLIP MULLER
PRESIDENT
SCD ENERGY SOLUTIONS
436 NOVA ALBION WAY
SAN RAFAEL, CA 94903

JASON SIMON
DIR - POLICY STRATEGY
ENPHASE ENERGY
1420 N. MCDOWELL BLVD.
PETALUMA, CA 94954

RAGHU BELUR
VP - PROD. & STRATEGIC INITIATIVES
ENPHASE ENERGY, INC.
1420 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

C. SUSIE BERLIN
LAW OFFICES OF SUSIE BERLIN
1346 THE ALAMEDA, STE. 7, NO. 141
SAN JOSE, CA 95126

MICHELLE BOUNDS
SOLAR ROOF SERVICES, LLC
815 CLEARVIEW DRIVE
SAN JOSE, CA 95133

ROBERT SARVEY
CALIFORNIANS FOR RENEWABLE ENERGY, INC.
501 W. GRANTLINE RD.
TRACY, CA 95376

LUKE HERMANN
CITIGREEN, INC.
11812 KEMPER ROAD
AUBURN, CA 95603

GARRICK JONES
 JBS ENERGY
 311 D STREET
 WEST SACRAMENTO, CA 95605

LON W. HOUSE, PH.D
 ACWA ENERGY CONSULTANT
 WATER & ENERGY CONSULTING
 2795 E. BIDWELL, STE. 100-176
 FOLSOM, CA 95630

MATTHEW SWINDLE
 CEO & FOUNDER
 NLINE ENERGY, INC.
 5170 GOLDEN FOOTHILL PARKWAY
 EL DORADO HILLS, CA 95762
 FOR: NLINE ENERGY, INC.

BETH OLHASO
 THE DOLPHIN GROUP
 925 L STREET, SUITE 800
 SACRAMENTO, CA 95814

KEVIN WOODRUFF
 CONSULTANT
 WOODRUFF EXPERT SERVICES
 1127 - 11TH STREET, SUITE 514
 SACRAMENTO, CA 95814

LAURA TAYLOR
 ATTORNEY
 BRAUN BLAISING SMITH WYNNE, P.C.
 915 L STREET, STE. 1480
 SACRAMENTO, CA 95814

REGULATORY CLERK
 BRAUN BLAISING SMITH WYNNE, PC
 915 L STREET, STE. 1480
 SACRAMENTO, CA 95814

SCOTT BLAISING
 COUNSEL
 BRAUN BLAISING MCLAUGHLIN & SMITH, P.C.
 915 L STREET, SUITE 1480
 SACRAMENTO, CA 95814

STEVEN KELLY
 POLICY DIR
 INDEPENDENT ENERGY PRODUCERS ASSOCIATION
 1215 K STREET, STE. 900
 SACRAMENTO, CA 95814

ANDREW B. BROWN
 ATTORNEY AT LAW
 ELLISON SCHNEIDER & HARRIS LLP
 2600 CAPITOL AVENUE, SUITE 400
 SACRAMENTO, CA 95816-5905

LYNN HAUG
 ELLISON, SCHNEIDER & HARRIS L.L.P.
 2600 CAPITOL AVENUE, SUITE 400
 SACRAMENTO, CA 95816-5931

0/ MASTACHE
 SR. ATTY - OFF. OF GEN. COUNSEL
 SACRAMENTO MUNICIPAL UTILITY DISTRICT
 6301 S STREET, MS A311
 SACRAMENTO, CA 95817

ANN L. TROWBRIDGE
 ATTORNEY AT LAW
 DAY CARTER & MURPHY LLP
 3620 AMERICAN RIVER DRIVE, STE. 205
 SACRAMENTO, CA 95864
 FOR: AGRICULTURAL ENERGY CONSUMERS
 ASSOCIATION (AECA)

SHERI KIDWELL
 NORTH STATE SOLAR ENERGY
 PO BOX 899
 FOREST RANCH, CA 95942

ROBIN SMUTNY-JONES
 DIR., CALIFORNIA POLICY & REGULATION
 IBERDROLA RENEWABLES, LLC
 1125 NW COUCH ST., STE. 700
 PORTLAND, OR 97209

ETTA LOCKEY
 SR. ATTORNEY
 PACIFICORP
 825 NE MULTNOMAH STREET, SUITE 1800
 PORTLAND, OR 97232
 FOR: PACIFICORP

State Service

DAVID SCRIBNER
 CHIEF COUNSEL
 DEPT OF COMMUNITY SERVICES & DEVELOPMENT
 EMAIL ONLY
 EMAIL ONLY, CA 00000

HELENA OH
 CPUC
 EMAIL ONLY
 EMAIL ONLY, CA 00000
 FOR: ORA

MARTHA GUZMAN ACEVES
 OFFICE OF COMMISSIONER GUZMAN ACEVES
 CPUC - EXEC. DIV.
 EMAIL ONLY
 EMAIL ONLY, CA 00000

NICHOLAS FUGATE
 SUPPLY ANALYSIS OFFICE
 CALIFORNIA ENERGY COMMISSION
 EMAIL ONLY
 EMAIL ONLY, CA 00000

SARA KAMINS
 SUPERVISOR, CUSTOMER GENERATION
 CPUC - ENERGY
 EMAIL ONLY
 EMAIL ONLY, CA 00000

SEAN SIMON
 CPUC - ENERGY
 EMAIL ONLY
 EMAIL ONLY, CA 00000

TORY N. FRANCISCO
 REGULATORY ANALYST
 CPUC - ENERGY DIV.
 EMAIL ONLY
 EMAIL ONLY, CA 00000

FADI DAYE
 CALIF PUBLIC UTILITIES COMMISSION
 ELECTRIC SAFETY AND RELIABILITY BRANCH
 320 West 4th Street Suite 500
 Los Angeles, CA 90013

ANA M. GONZALEZ
 CALIF PUBLIC UTILITIES COMMISSION
 DIVISION OF ADMINISTRATIVE LAW JUDGES
 ROOM 2106
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

AROCLES AGUILAR
 CALIF PUBLIC UTILITIES COMMISSION
 LEGAL DIVISION
 ROOM 5138
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

ASAL ESFAHANI
 CALIF PUBLIC UTILITIES COMMISSION
 DEMAND RESPONSE, CUSTOMER GENERATION, AN
 AREA
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

CHRISTA SALO
 CALIF PUBLIC UTILITIES COMMISSION
 LEGAL DIVISION
 ROOM 4107
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

CODY NAYLOR
 CALIF PUBLIC UTILITIES COMMISSION
 UTILITY & PAYPHONE ENFORCEMENT BRANCH
 AREA
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

DANIEL BUCH
 CALIF PUBLIC UTILITIES COMMISSION
 ELECTRICITY PRICING AND CUSTOMER PROGRAM
 AREA 4-A
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

DAVID PECK
 CALIF PUBLIC UTILITIES COMMISSION
 PRESIDENT PICKER
 ROOM 4108
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

EHREN SEYBERT
 CALIF PUBLIC UTILITIES COMMISSION
 COMMISSIONER PETERMAN
 ROOM 5303
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

ELIZABETH FOX
 CALIF PUBLIC UTILITIES COMMISSION
 ELECTRICITY PRICING AND CUSTOMER PROGRAM
 AREA
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

GABRIEL PETLIN
 CALIF PUBLIC UTILITIES COMMISSION
 DEMAND RESPONSE, CUSTOMER GENERATION, AN
 AREA 4-A
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

JAMES RALPH
 CALIF PUBLIC UTILITIES COMMISSION
 PRESIDENT PICKER
 ROOM 5037
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214
 FOR: ORA

JEANNE MCKINNEY
 CALIF PUBLIC UTILITIES COMMISSION
 DIVISION OF ADMINISTRATIVE LAW JUDGES
 ROOM 5112
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

JESSICA T. HECHT
 CALIF PUBLIC UTILITIES COMMISSION
 DIVISION OF ADMINISTRATIVE LAW JUDGES
 ROOM 5114
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

JOSHUA HUNEYCUTT
 CALIF PUBLIC UTILITIES COMMISSION
 DEMAND RESPONSE, CUSTOMER GENERATION, AN
 AREA
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

KERRY FLEISHER
 CALIF PUBLIC UTILITIES COMMISSION
 DEMAND RESPONSE, CUSTOMER GENERATION, AN
 AREA
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

MARNA ANNING
 CALIF PUBLIC UTILITIES COMMISSION
 UTILITY & PAYPHONE ENFORCEMENT BRANCH
 AREA
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

MARY F. MCKENZIE
 CALIF PUBLIC UTILITIES COMMISSION
 DIVISION OF ADMINISTRATIVE LAW JUDGES
 ROOM 5003
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

MICHAEL MINKUS
 CALIF PUBLIC UTILITIES COMMISSION
 COMMISSIONER GUZMAN ACEVES
 AREA
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

ROBERT LEVIN
 CALIF PUBLIC UTILITIES COMMISSION
 ENERGY DIVISION
 AREA
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

RYAN YAMAMOTO
 CALIF PUBLIC UTILITIES COMMISSION
 ELECTRIC SAFETY AND RELIABILITY BRANCH
 AREA 2-D
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

SANDY GOLDBERG
 CALIF PUBLIC UTILITIES COMMISSION
 COMMISSIONER RECHTSCHAFFEN
 ROOM 5202
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

SARAH R. THOMAS
 CALIF PUBLIC UTILITIES COMMISSION
 LEGAL DIVISION
 ROOM 5033
 505 VAN NESS AVENUE
 SAN FRANCISCO, CA 94102-3214

SHANNON O'ROURKE
 CALIF PUBLIC UTILITIES COMMISSION
 COMMISSIONER PETERMAN
 AREA 4-A
 505 VAN NESS AVENUE

STANLEY KUAN
 CALIF PUBLIC UTILITIES COMMISSION
 ELECTRICITY PRICING AND CUSTOMER PROGRAM
 AREA
 505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3214

TIM G. DREW
CALIF PUBLIC UTILITIES COMMISSION
ENERGY SAFETY & INFRASTRUCTURE BRANCH
AREA 4-A
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

VALERIE KAO
CALIF PUBLIC UTILITIES COMMISSION
DIVISION OF ADMINISTRATIVE LAW JUDGES
AREA
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

YULIYA SHMIDT
CALIF PUBLIC UTILITIES COMMISSION
COMMISSIONER RECHTSCHAFFEN
ROOM 4209
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

HERIBERTO ROSALES
CALIF PUBLIC UTILITIES COMMISSION
DEMAND RESPONSE, CUSTOMER GENERATION, AN
300 Capitol Mall
Sacramento, CA 95814

MATT COLDWELL
CALIFORNIA ENERGY COMMISSION
ELECTRICITY ANALYSIS OFFICE
1516 NINTH STREET, MS-20
SACRAMENTO, CA 95814

SAN FRANCISCO, CA 94102-3214

TOVAH TRIMMING
CALIF PUBLIC UTILITIES COMMISSION
LEGAL DIVISION
ROOM 4107
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

XIAN "CINDY" LI
CALIF PUBLIC UTILITIES COMMISSION
ELECTRICITY PLANNING & POLICY BRANCH
ROOM 4104
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

LINDA KELLY
ELECTRICITY ANALYSIS OFFICE
CALIFORNIA ENERGY COMMISSION
1516 9TH STREET, MS 20
SACRAMENTO, CA 95614

LYNN MARSHALL
CONSULTANT
CALIFORNIA ENERGY COMMISSION
1516 9TH STREET, MS-20
SACRAMENTO, CA 95814

BRIAN MCCOLLOUGH
ENERGY ASSESSMENTS DIVISION
CALIFORNIA ENERGY COMMISSION
0203 9TH STREET
SACRAMENTO, CA 95818

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SCHEDULE NO. MASH-VNEM
MULTIFAMILY AFFORDABLE SOLAR HOUSING
VIRTUAL NET METERING

APPLICABILITY

Applicable to Qualified Customers whose Service Account(s) are located at a Residential Complex on the same Premises upon which one or more Eligible Generators have been installed and for which the Owner or Operator of the Residential Complex contracts with Liberty CalPeco to have all eligible energy produced from the Eligible Generators supplied to Liberty CalPeco for the sole purpose of providing Allocated Credits (kWh) to the Residential Complex’s Common Area and/or tenant Service Accounts to offset their energy usage: (1) with a capacity of not more than 1,000 kilowatts; (2) that is located on the customer’s owned, leased, or rented premises; (3) is interconnected and operates in parallel with the Utility’s transmission and distribution facilities, (4) is intended primarily to offset part or all of the Qualified Customer’s own electrical requirements; and (5) uses one of the following generation technologies: (a) solar or wind turbine, or a hybrid system of both as specified in PUC 2827(b)(2) and 2827 (b) (4) (“Eligible Qualified Customer”); or (b) eligible fuel cell as specified in California Public Utilities Code Section 2827.10(a)(2) and (3) (“Fuel Cell Qualified Customer”). This schedule is applicable on a first-come, first-served basis for new (1) Eligible Qualified Customers until such time as the total rated generating capacity of Eligible Qualified Customers exceeds five percent of the Utility’s aggregate peak load in California; and (2) Fuel Cell Qualified Customers until such time as 112,500 kW of rated generating capacity is served under this Schedule statewide and will expire on January 1, 2014 unless extended by legislation.

This service is not applicable to interruptible customers.

This service is not applicable to a Direct Access (“DA”) customer where the Customer’s ESP does not offer such a service. Additionally if a Qualified Customer participates in direct transactions with an ESP that does not provide distribution service for the DA, the ESP, and not the Utility, is obligated to provide net energy metering to the Qualified Customer.

This schedule is offered in compliance with California Public Utilities Code Section 2827, et seq. and is not intended to expand nor limit rights under such section.

TERRITORY

Entire California Service Area.



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SCHEDULE NO. MASH-VNEM
MULTIFAMILY AFFORDABLE SOLAR HOUSING
VIRTUAL NET METERING

(Continued)

Definitions

Terms utilized in the context of this Schedule are defined below:

- a. Common Area Service Accounts: Accounts for which electrical service is provided to the common areas of the Residential Complex which may include electrical service for recreation facilities, parking and walkway lighting, landscaping, elevator and laundry rooms.
- b. Tenant Service Accounts: Accounts for which electrical service is provided to the tenants of the Residential Complex.
- c. Qualified Customer: A Qualified Customer is either: (i), the Owner or Operator of a Residential Complex which is qualified to participate under the Multifamily Affordable Solar Housing (MASH) program or the New Solar Homes Partnership (NSHP) who may or may not have received MASH incentive funding; (ii) the Owner or Operator of a Residential Complex whose name is on the Service Account(s) of the common areas of the Residential Complex; or (iii) a tenant of the Residential Complex with a separate Service Account.
- d. Owner: An Owner is the Qualified Customer who has the legal right or rightful claim to ownership of the Residential Complex and who has one or more Eligible Generators located on the Premises.
- e. Operator: An Operator is a Qualified Customer who operates a business by leasing or renting the Residential Complex from an Owner and who has one or more Eligible Generators located on the Premises.
- f. Residential Complex: A Residential Complex is defined as all of the real property and apparatus employed in a single low income housing enterprise on contiguous parcels of land, which may be divided by a dedicated street highway or public thoroughfare or railway, so long as they are otherwise contiguous and part of the same single low income housing enterprise, they are all under the same ownership. The Residential Complex must satisfy one of the following two definitions.

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SCHEDULE NO. MASH-VNEM
MULTIFAMILY AFFORDABLE SOLAR HOUSING
VIRTUAL NET METERING

(Continued)

DEFINITIONS

- (i) Multifamily Affordable Solar Housing: Residential housing that satisfies the criteria for low-income residential housing as provided in Public Utilities (PU) Code Section 2852(a)(3).
- (ii) New Solar Homes Partnership (NSHP): As defined in Public Resources Code Sections 25401.6 and 25744, residential housing that qualifies as affordable housing projects in communities with a plurality of minority or low-income populations and that utilizes eligible distributed emerging technologies including, but not limited to, projects undertaken pursuant to Section 50052.5, 50053, or 50199.4 of the Health and Safety Code. (L)
- g. Eligible Generator: A solar electrical generating facility with a capacity of not more than one megawatt that is: (i) located on the Owner or Operator’s Residential Complex Premises; (ii) interconnected and operates in parallel with the electric grid, and (iii) is intended primarily to offset part or all of the Owner or Operator’s own electrical requirements and/or requirements of the tenants of the Residential Complex.
- h. Net Allocated Energy: Electricity allocated to a Common Area Service Account or Tenant Service Account in excess of the Account’s total metered usage over its Relevant Period.
- i. Aggregate Customer Peak Demand: Aggregate Customer Peak Demand is defined as the highest sum of all customers’ non-coincident peak demands that occur in any calendar year (i.e., the aggregation, or sum, of each individual customer’s peak demand in any calendar year) and is the denominator used in the formula to calculate progress toward reaching the NEM program cap.

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SCHEDULE NO. MASH-VNEM
MULTIFAMILY AFFORDABLE SOLAR HOUSING
VIRTUAL NET METERING
(Continued)

RATES

1. All rates charged under Schedule MASH-VNEM will be in accordance with the Qualified Customer’s otherwise-applicable metered rate schedule (“OAS”). A Qualified Customer served under this Schedule is responsible for all charges from its OAS including monthly minimum charges, customer charges, meter charges, facilities charges, demand charges and surcharges on the net consumption of electricity supplied by the Utility. The Allocated Credits will be credited to the eligible Service Accounts located at a Residential Complex on the same Premises upon which one or more Eligible Generators have been installed.

2. An eligible Qualified Customer who elects to receive compensation under this Schedule will have its eligible Service Accounts receive a rate (the “Surplus Compensation Rate”) that will mirror the actual cost of non-renewable energy supplied to Utility that is displaced by the generator for the applicable month. The Surplus Compensation Rate will be based on the Pacific Gas and Electric Company methodology used to determine its Default Load Aggregation Price as applied to the Utility’s Commission-approved power purchase agreement rates. The Surplus Compensation rate will be defined as the rate in effect on the Calendar month in which the customer receives the meter reading.

3. The voltage and transformer adjustment, when it applies on the Qualified Customers OAS shall be as stated on the OAS.

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SCHEDULE NO. MASH-VNEM
MULTIFAMILY AFFORDABLE SOLAR HOUSING
VIRTUAL NET METERING

(Continued)

1. Metering:

Generation Limitation: The sum of the capacities of all Eligible Generators is limited to the cumulative peak loads of all Service Accounts within the Residential Complex. No generator other than the Eligible Generator, as defined in this schedule, can be connected behind the single meter that is used to meter the load and generation output of each Eligible Generator. The Owner or Operator is responsible for any costs associated with upgrades to existing facilities necessitated by the installation of generation which exceeds the capacity of the existing service connection or distribution circuit.

2. Billing:

Billing for Eligible Qualified Customers Using Net Energy Metering. The following applies to Customer Generators using a solar generating facility or wind generating facility at or below 1000 kilowatts or solar/wind hybrid generating facility at or below 1000 kilowatts:

A. Net energy is defined as the difference between the electricity supplied by the Utility through the electric grid to the Eligible Qualified Customer and electricity generated by an Eligible Customer Generator and fed back into the electric grid over a 12 -month period or part, such that the end of the Relevant Period ends in December 31 of each year (“Relevant Period”).

B. At the end of each Relevant Period, the Eligible Qualified Customer will receive a true up for net energy exported to the utility:

- (1) In the event that the value of the electricity supplied by the Utility at the end of the Relevant Period exceeds the electricity generated by the Eligible Qualified Customer during the same period, the Eligible Qualified Customer is a net electricity consumer and the Utility shall bill the Eligible Qualified Customer for the net consumption during the Relevant Period based on the Eligible Qualified Customer’s OAS

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VIRTUAL NET METERING

(Continued)

2. Billing (continued):

- (2) In the event that the value of the electricity supplied by the Utility at the end of the Relevant Period is less than the electricity generated by the Eligible Qualified Customer at the end of the Relevant Period, the eligible Customer Generator will be paid at the applicable Surplus Compensation Rate applicable at the end of the Relevant Period, and its associated eligible Service Accounts will be credited for the respective amount.
- (3) The minimum threshold for monetary payment at the end of the true up period will be \$25 and amounts less than \$25 will be carried over to the next 12 month period.

- C. **Monthly Billing.** If the Utility supplies the Qualified Customer with electricity, the Utility shall provide the Qualified Customer with net electricity consumption information with each regular bill. That information shall include the current monetary balance owed the Utility for the net electricity consumed since the last Relevant Period ended. For, Qualified Customers, the net balance of all moneys owed must be paid on each monthly billing cycle; when they are a net electricity producer over a monthly billing cycle, any excess kilowatt-hours generated during the billing cycle shall be carried over to the following billing period as a monetary credit, at the applicable Surplus Compensation Rate and appear as a credit on the Customer-Generator's account, until the end of the Relevant Period.
- D. To calculate the maximum generation credit for a Qualified Customer, the Utility will, at the end of each Relevant Period, determine the credit for energy based on the following equation:
- E. $\text{Credit (\$)} = \text{Total energy fed back to the Utility (kWh) during the relevant period} \times \text{Surplus Compensation Rate for the relevant period.}$
- F. The Utility shall provide the Qualified Customer with gross energy (kWh) consumption and net energy (kWh) consumed/produced information with each monthly billing statement.

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MULTIFAMILY AFFORDABLE SOLAR HOUSING
VIRTUAL NET METERING

(Continued)

2. Billing: (Continued)

- G.** The Utility’s written approval of the Qualified Customer’s protection-isolation method to ensure generator disconnection in case of a power interruption from the Utility is required before service is provided under this Schedule MASH-VNEM.
- H.** Payment at end of 12 month relevant Period. Utility will true up the Qualified Customers who elects service under this Schedule at the end of the 12 month period, which will be set on the basis of a calendar year and paid after the December bill. Qualified Customer’s Service Accounts are eligible for the Utility’s payment. The minimum threshold for monetary payment at the end of the true up period will be \$25 and amounts less than \$25 will be carried over to the next 12 month period.
- I.** OAS with Baseline Rates: Allocated Credits are subtracted first from the non-baseline usage, if any, and then subtracted from baseline usage until credits are exhausted.
- J.** Bill payments made by the Qualified Customer within the relevant Period will continue to be applied to the Qualified Customer Account.
- K.** Billing information: Liberty CalPeco will provide each Customer with its net energy consumption information with each regular bill. That information will include the current monetary balance owned to Liberty CalPeco for the net energy consumed since the start of the Relevant Period.
- L.** Insurance: Owner/Operator must keep in force the amount of property, common general liability and/or personal liability insurance Owner/Operator has in place at the time they initiate service on this tariff

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MULTIFAMILY AFFORDABLE SOLAR HOUSING
VIRTUAL NET METERING
(Continued)

2. Billing: (Continued)

N. Release of Information: Owner/Operator agrees that Liberty CalPeco may from time to time release to the California Energy Commission and/or the California Public Utilities Commission information regarding the eligible Multifamily Affordable Housing Residential Complex, including the Owner/Operator's name, each Solar Generating Facility's location, their capacity and operating characteristics, and Customer names and account numbers at the Residential Complex.

3. Special Conditions

- 1) A visible disconnect switch is required to isolate the generating facilities from the Utility's distribution system. The disconnect switch shall be furnished and installed by the customer. The device must be accessible to Utility personnel and be capable of being locked in the open position.
- 2) Generating facilities shall not be operated in a manner that interferes with the Utility's operations or service to other customers. The Utility retains the right to disconnect service to maintain safety and quality of service to other customers.
- 3) The Utility will ensure that requests for establishment of net energy metering service for solar, wind and solar/wind hybrid generating facilities are processed in a time period not exceeding 30 working days from the date that the Utility receives a completed application for service hereunder, including a signed interconnection agreement from the Customer Generator and the electric inspection clearance from the governmental authority having jurisdiction. The Utility shall notify the Commission if it cannot interconnect within such period.

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VIRTUAL NET METERING

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- 3. Special Conditions (continued):
 - 4) QF Status – Customers receiving net surplus compensation must first demonstrate to Liberty that they are Qualifying Facilities in order to receive service under this Schedule.



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