# BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Integrate and	)	
Refine Procurement Policies and Consider Long-	)	Rulemaking 10-05-006
Term Procurement Plans.	)	

MOTION FOR EXPEDITED SUSPENSION OF TRACK 1 SCHEDULE, AND FOR APPROVAL OF SETTLEMENT AGREEMENT BETWEEN AND AMONG PACIFIC GAS AND ELECTRIC COMPANY. SOUTHERN CALIFORNIA EDISON COMPANY, SAN DIEGO GAS & ELECTRIC COMPANY, THE DIVISION OF RATEPAYER ADVOCATES, THE UTILITY REFORM NETWORK, GREEN POWER INSTITUTE, CALIFORNIA LARGE ENERGY CONSUMERS ASSOCIATION, THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR, THE CALIFORNIA WIND ENERGY ASSOCIATION, THE CALIFORNIA COGENERATION COUNCIL, THE SIERRA CLUB, COMMUNITIES FOR A BETTER ENVIRONMENT, PACIFIC ENVIRONMENT, COGENERATION ASSOCIATION OF CALIFORNIA, ENERGY PRODUCERS AND USERS COALITION, CALPINE CORPORATION, JACK ELLIS, GENON CALIFORNIA NORTH LLC, THE CENTER FOR ENERGY EFFICIENCY AND RENEWABLE TECHNOLOGIES, THE NATURAL RESOURCE DEFENSE COUNCIL, NRG ENERGY, INC., THE VOTE SOLAR INITIATIVE, AND THE WESTERN POWER TRADING **FORUM** 

MICHAEL D. MONTOYA

CAROL A. SCHMID-FRAZEE

CHARLES R. MIDDLEKAUFF

MARK R. HUFFMAN

Attorneys for

SOUTHERN CALIFORNIA EDISON

COMPANY

2244 Walnut Grove Avenue

Post Office Box 800

Rosemead, California 91770 Telephone: (626) 302-1337 Facsimile: (626) 302-1935

E-mail:Carol.SchmidFrazee@sce.com

Attorneys for

PACIFIC GAS AND ELECTRIC COMPANY

POST OFFICE BOX 7442 San Francisco, California 94120 Telephone: (415) 973-3842

Facsimile: (415) 973-5520 E-mail: MRH2@pge.com

AIMEE M. SMITH

Attorney for

SAN DIEGO GAS & ELECTRIC COMPANY

101 Ash Street, HQ-12

San Diego, California 92101

Telephone: (619) 699-5042 Facsimile: (619) 699-5027

E-mail: AMSmith@semprautilities.com

KAREN PAULL

Attorney for

THE DIVISION OF RATEPAYER

ADVOCATES

505 Van Ness Avenue

San Francisco, California 94102 Telephone: (415) 703-2630 Facsimile: (415) 703-4432

E-mail: Karen.Paull@cpuc.ca.gov

MATTHEW FREEDMAN	Gregg Morris
Attorney for	
THE UTILITY REFORM NETWORK	
115 Sansome Street, Suite 900	Green Power Institute
San Francisco, California 94104	2039 Shattuck Ave., Suite 402
Telephone: (415) 929-8876 x 304	Berkeley, CA 94704
Facsimile: (415) 929-1132	510 644-2700
E-mail: matthew@turn.org	gmorris@emf.net
William H. Booth, Of Counsel	Judith B. Sanders
Alcantar & Kahl	Beth Ann Burns
33 New Montgomery St., Suite 1850	Attorneys for
San Francisco, CA 94105	California Independent System Operator
Telephone: (415) 421-4143	Corporation
E-mail: whb@a-klaw.com	250 Outcropping Way
	Folsom, CA 95630
Attorneys for the California Large Energy	Tel: 916-608-7143
Consumers Association	Fax: 916-608-7222
	E-mail: jsanders@caiso.com
R. THOMAS BEACH	R. THOMAS BEACH
	On Behalf of
On behalf of	CALIFORNIA COGENERATION COUNCIL
CALIFORNIA WIND ENERGY	2560 Ninth Street, Suite 213A
ASSOCIATION	Berkeley, California 94708
2560 Ninth Street, Suite 213A	Telephone: 510-549-6922
Berkeley, California 94708	Facsimile: 510-649-9790
Telephone: 510-549-6922	E-mail: tomb@crossborderenergy.com
E-mail: tomb@crossborderenergy.com	
PAUL R. CORT	Shana Lazerow
WILLIAM B. ROSTOV	
Attorneys for	Staff Attorney
SIERRA CLUB CALIFORNIA	Communities for a Better Environment
Earthjustice	1904 Franklin Street, Suite 600
426 17th Street, 5th Floor	Oakland, CA 94612
Oakland, CA 94612	(510) 302-0430 extension 18
Telephone: (510) 550-6725	slazerow@cfbecal.org
Facsimile: (510) 550-6749	
pcort@earthjustice.org	
wrostov@earthjustice.org	

DEBORAH N. BEHLES	MICHAEL ALCANTAR
Attorney for:	DONALD BROOKHYSER
PACIFIC ENVIRONMENT	TIMOTHY LINDL
c/o Environmental Law and Justice Clinic	Counsel for Cogeneration Association of
Golden Gate University School of Law	California and Energy Producers and Users
536 Mission Street	Coalition
San Francisco, CA 94105	Suite 1850, 33 New Montgomery St.
(415) 369-5336	San Francisco, CA 94105
Email: dbehles@ggu.edu	(415) 421-4143
	e-mail: deb@a-klaw.com
Jeffrey P. Gray	Jack Ellis
Davis Wright Tremaine LLP	
505 Montgomery Street, Suite 800	PO Box 6600
San Francisco, California 94111	1425 Alpine Way
Telephone: (415) 276-6500	Tahoe City, CA 96145
Facsimile: (415) 276-6599	Telephone: +1 530-581-2134
E-mail:jeffgray@dwt.com	E-mail: jack@casaraquel.com
Attorneys for CALPINE CORPORATION	
Lisa A. Cottle	SARA STECK MYERS
Winston & Strawn, LLP	
101 California Street	Attorney for
San Francisco, California 94111	CENTER FOR ENERGY EFFICIENCY AND
Telephone: 415-591-1579	RENEWABLE TECHNOLOGIES
Facsimile: 415-591-1400	122 – 28th Avenue
lcottle@winston.com	San Francisco, CA
	Telephone: (415) 387-1904
Attorneys for GenOn California North, LLC	Facsimile: (415) 387-4708
	E-mail: <u>ssmyers@att.net</u>

SIERRA MARTINEZ	Abraham Silverman
	Senior Regulatory Counsel
Attorney for	NRG Energy, Inc.
NATURAL RESOURCES DEFENSE	211 Carnegie Center Drive
COUNCIL	Princeton, NJ 08540
111 Sutter Street, Floor 20	Telephone: 609-524-4696
San Francisco, CA 94104	Abraham.Silverman@nrgenergy.com
Telephone: (415) 875-6100	
Facsimile: (415) 875-6161	
E-mail:smartinez@nrdc.org	
KELLY M. FOLEY	DANIEL W. DOUGLASS
Attorney for	Attorney for
THE VOTE SOLAR INITIATIVE	WESTERN POWER TRADING FORUM
2089 Tracy Court	21700 Oxnard Street, Suite 1030
Folsom, California 95630	Woodland Hills, California 91367
Telephone: (916) 367-2017	Telephone: 818.961.3001
Facsimile: (520) 463-7025	Facsimile: 818.961.3004
E-mail: Kelly@votesolar.org	E-mail: douglass@energyattorney.com

Dated: August 3, 2011

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

Order Instituting Rulemaking to Integrate and	)	
Refine Procurement Policies and Consider Long-	)	Rulemaking 10-05-006
Term Procurement Plans.	)	

MOTION FOR EXPEDITED SUSPENSION OF TRACK 1 SCHEDULE, AND FOR APPROVAL OF SETTLEMENT AGREEMENT BETWEEN AND AMONG PACIFIC GAS AND ELECTRIC COMPANY, SOUTHERN CALIFORNIA EDISON COMPANY, SAN DIEGO GAS & ELECTRIC COMPANY, THE DIVISION OF RATEPAYER ADVOCATES, THE UTILITY REFORM NETWORK, GREEN POWER INSTITUTE, CALIFORNIA LARGE ENERGY CONSUMERS ASSOCIATION, THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR, THE CALIFORNIA WIND ENERGY ASSOCIATION, THE CALIFORNIA COGENERATION COUNCIL, THE SIERRA CLUB, COMMUNITIES FOR A BETTER ENVIRONMENT, PACIFIC ENVIRONMENT, COGENERATION ASSOCIATION OF CALIFORNIA, ENERGY PRODUCERS AND USERS COALITION, CALPINE CORPORATION, JACK ELLIS, GENON CALIFORNIA NORTH LLC, THE CENTER FOR ENERGY EFFICIENCY AND RENEWABLE TECHNOLOGIES, THE NATURAL RESOURCE DEFENSE COUNCIL, NRG ENERGY, INC., THE VOTE SOLAR INITIATIVE, AND THE WESTERN POWER TRADING **FORUM** 

#### I. INTRODUCTION AND SUMMARY OF RELIEF SOUGHT

Pursuant to Rule 12.1 of the California Public Utilities Commission's (Commission)

Rules of Practice and Procedure, Pacific Gas and Electric Company (PG&E), Southern

California Edison Company (SCE), San Diego Gas & Electric Company (SDG&E), the Division

of Ratepayer Advocates (DRA), The Utility Reform Network (TURN), Green Power Institute,

California Large Energy Consumers Association (CLECA), the California Independent System Operator (CAISO), the California Wind Energy Association (CalWEA), the California Cogeneration Council (CCC), the Sierra Club, Communities for a Better Environment (CBA), Pacific Environment, Cogeneration Association of California (CAC), Energy Producers and Users Coalition (EPUC), Calpine Corporation (Calpine), Jack Ellis, GenOn California North LLC (GenOn), the Center for Energy Efficiency and Renewable Technologies (CEERT), the Natural Resource Defense Council (NRDC), NRG Energy, Inc. (NRG), the Vote Solar Initiative (VoteSolar), and the Western Power Trading Forum (WPTF) (collectively referred to as the "Settling Parties" or individually as a "Settling Party"), submit for the Commission's review and approval the attached Settlement Agreement proposing a resolution to Track 1 of this proceeding that is mutually acceptable to the Settling Parties. The proposed Settlement Agreement is in the public interest and represents a fair and equitable resolution of the issues in Track 1 (with the exception of (1) SDG&E's pending request for a need determination for new resources to meet Local Capacity Requirements (LCR) and (2) the possibility of need to procure currently uncontracted existing resources), and the Settling Parties' request that the Commission approve the Settlement Agreement without modification. The Settling Parties also request that, except as it relates to the two Track 1 issues not resolved by the Settlement Agreement, the Track 1 schedule be suspended pending Commission consideration of the Settlement Agreement. The Settling Parties do not propose any modification of the Track III schedule.

The Settling Parties request that their proposal to suspend the Track 1 schedule be addressed on an expedited basis, as without a suspension parties would be obligated to submit their litigation, pre-settlement testimony on August 4, 2011.

-

Each of the Settling Parties has authorized PG&E to file this motion on its behalf.

#### II. PROCEDURAL BACKGROUND

The Commission has determined that the purpose of Track I is to identify Commission-jurisdictional needs for new resources to meet system or local resource adequacy and to consider authorization of Investor-Owned Utility (IOU) procurement to meet that need, including issues related to long-term renewables planning and need for replacement generation infrastructure to eliminate reliance on power plants using once through cooling (OTC). (R.10-05-006, p. 9.) In carrying out this investigation, the Commission anticipated that in addition to maintaining an adequate reserve margin, system requirements to: 1) integrate renewables, 2) support OTC policy implementation, 3) maintain local reliability, and 4) meet greenhouse gas (GHG) goals will be primary drivers for any need for new resources identified in this proceeding. (*Id.*, p. 12.)

Through a series of rulings (*see*, *e.g.*, February 10, 2011, Administrative Law Judge's Ruling Modifying System Track 1 Schedule and Setting Prehearing Conference), the Assigned Commissioner and Assigned Administrative Law Judges (ALJs) have refined the analysis required to be carried out by the IOUs, in conjunction with the California Independent System Operator (CAISO). In response, the IOUs and the CAISO developed and analyzed system resource plans using four scenarios described in rulings and in the December 3, 2010 Scoping Ruling to fulfill the standardized planning assumptions established by the Commission (four CPUC-Required Scenarios). In addition, the IOUs developed three scenarios and a further sensitivity analysis (IOU Common Scenarios). The CAISO also analyzed two others scenarios, one of which was identified in the December 3, 2010 Scoping Memo. Also in response to the requirements set forth in the series of ruling, the IOUs and the CAISO, in conjunction with Energy and Environmental Economics, Inc., (E3), a consultant to the IOUs, calculated the "performance evaluation metrics" associated all of these scenarios.

#### III. SUMMARY OF THE SETTLEMENT AGREEMENT

The Settlement Agreement addresses the fundamental issue in Track 1 of the LTPP proceeding: should the Commission determine that, due to system needs, the investor-owned utilities should be directed to obtain additional generation resources?

Summary of the non-procedural provisions of the attached Settlement Agreement:

- The Settling Parties agree not to dispute that the IOUs and the CAISO have complied with Commission directions in Track 1 with respect to issues resolved by the Settlement Agreement.
- As set forth in substantially more detail in the Settlement Agreement, the Settling Parties recommend that the Commission, in conjunction with the CAISO's ongoing work on this subject, should further expeditiously examine the system resource need and the integration of intermittent renewable resources into the CAISO grid, either in the next LTPP cycle or in an extension of the current LTPP cycle. There is general agreement that further analysis is needed before any renewable integration resource need determination is made. The Settling Parties recommend that a final Commission assessment of need or a decision should be issued no later than December 31, 2012.
- The Commission does not need to authorize procurement authority relating to
   LCR for SCE's and PG&E's service areas at this time.
- The Settlement Agreement does not address SDG&E's request for local LCR
  procurement authority, and each Settling Party remains free to advocate its
  individual litigation position on this issue.

- The Settlement Agreement does not address the possibility of need to procure currently uncontracted existing resources, and each Settling Party remains free to advocate it individual litigation position on this issue.
- Those Settling Parties who are also parties to the qualifying facility/combined
  heat and power settlement, adopted by the Commission in D.10-12-035, agree that
  nothing in the Settlement Agreement qualifies, defers, or relaxes any obligation of
  any party under that settlement.

# IV. THE SETTLEMENT AGREEMENT IS REASONABLE AND IN THE PUBLIC INTEREST.

The Commission will approve a settlement if it finds the settlement "reasonable in light of the whole record, consistent with law, and in the public interest." Here, the proposed settlement readily meets all of these criteria.

First, the Settlement Agreement is reasonable in light of the whole record. With respect to renewables integration, the IOUs have established that the analysis of the issue that has been presented in this proceeding "should be viewed as an initial effort to understand the complex problems of accommodating the significant increase in renewable energy expected over the next decade. There are a number of key areas where further analysis is necessary. . . ." (Joint IOU Supporting Testimony, pp. 1-3.) Thus, this aspect of the Settlement Agreement is reasonable in light of the whole record.

With respect to local capacity reliability requirements, PG&E's and SCE's testimony established that the Commission does not need to authorize procurement authority relating to

<sup>2</sup> Rule 12.1(d); see also D.09-10-017.

local capacity requirements for PG&E's or SCE's service area at this time. This Settlement Agreement does not address SDG&E's request for LCR procurement authority in Track I of this LTPP. Each of the Settling Parties remains free to advocate its individual litigation position on the issue of SDG&E's LCR need. Thus, this aspect of the Settlement Agreement is reasonable in light of the whole record, as well.<sup>3</sup>

Second, the Settlement Agreement is fully consistent with the law and existing Commission precedent. Based on the record in this proceeding, Commission adoption of the Settlement Agreement recommendations is consistent with legislative mandates to meet 33 percent of California's electric load in 2020. Further, Commission adoption of the Settlement Agreement is consistent with the Commission's general mandate to act to ensure safe, reliable electric service in California.

Finally, approval of the Settlement Agreement is in the public interest. As the Commission has stated, to determine whether a settlement is in the public interest:

[W]e consider individual elements of the settlement in order to determine whether the settlement generally balances the various interests at stake as well as to assure that each element is consistent with our policy objectives and the law.4

Here, the Settlement Agreement resolves many of the system need determinations that are to be addressed in this track of this proceeding at this time. It does so in a manner consistent with the recommendations in the record, and so generally balances the various interests at stake in the proceeding.

Additionally, the Settlement Agreement does not address the possibility of need to procure currently uncontracted existing resources. Each of the Settling Parties remains free to advocate its individual litigation position on this issue. Nor does the Settlement Agreement address either Track III issues or schedule.

<sup>4</sup> D.96-01-011; 64 CPUC2d 241, 267, citing D.94-04-088.

Based on the record, the adoption of the elements of the Settlement Agreement is consistent with the Commission's policy objectives and the law. Specifically, the Settlement Agreement is consistent with the Commission's policy objectives and the law with respect to the use of renewable resources to meet 33 percent of the electric load in California in 2020, and with respect to ensuring that Californians are provided with safe, reliable electric service

In short, the Settlement Agreement is entirely in the public interest.

## V. THE SETTLING PARTIES HAVE COMPLIED WITH THE REQUIREMENTS OF RULE 12.1(b)

Commission Rule 12.1(b) requires parties to provide a notice of a settlement conference at least seven days before a settlement is signed. On July 22, 2011, the IOUs properly notified all of the parties on the service list of a settlement conference and subsequently convened the settlement conference on July 29, 2011, to describe and discuss the terms of the proposed settlement. Representatives of the Settling Parties participated in the settlement conference. The Settlement Agreement was finalized and executed on August 3, 2011.

# VI. THE TRACK 1 PROCEDURAL SCHEDULE IN THE PROCEEDING SHOULD BE MODIFIED, ON AN EXPEDITED BASIS, TO ALLOW THE COMMISSION TO CONSIDER THIS TRACK 1 SETTLEMENT

An assigned Administrative Law Judge's ruling dated June 13, 2011, established the current schedule in this proceeding. Under that schedule, parties other than the IOUs and the CAISO are to serve Track 1 testimony on August 4, 2011. The Settling Parties request that the schedule for testimony, hearings, and briefing of the issues addressed in this Settlement Agreement (all Track I issues other than (1) SDG&E's pending request for a need determination for new resources to meet local capacity requirements and (2) the possibility of need to procure currently uncontracted existing resources) should be suspended pending Commission consideration of the Settlement Agreement.

In light of the number of active parties supporting the Settlement Agreement, which resolves a significant number of Track 1 issues as among the Settling Parties,<sup>5</sup> the record will be simplified and the need for hearings substantially reduced if the Settlement Agreement is adopted. In order to avoid the time and effort of going through the submission of testimony and the conducting of hearings on all Track 1 issues on a pre-settlement basis, as would be necessary if the Track 1 schedule is not suspended, the better approach is to suspend these hearings, with respect to issues addressed in the Settlement Agreement, pending consideration of the Settlement Agreement. Therefore, the Settling Parties' request that the Track 1 schedule, with respect to all Track 1 issues other than (1) SDG&E's pending request for a need determination for new resources to meet LCR, and (2) the possibility of need to procure currently uncontracted existing resources, be suspended pending consideration of whether the Settlement Agreement should be granted.

The Settling Parties request that this aspect of the motion be acted upon on an expedited basis. Unless there is a suspension of the schedule, Settling Parties would be obligated to submit their litigation, pre-settlement testimony on August 4, 2011.

#### VII. CONCLUSION

For all the foregoing reasons, the Settling Parties request the Commission approve the Settlement Agreement without change, that the Settling Parties' request to suspend the Track 1 schedule pending consideration of the Settlement Agreement be acted upon on an expedited basis, and that the Track 1 schedule, with the exception of the two Track 1 issues not resolved by

Settling Parties may submit testimony on August 4 on the two Track 1 issues the Settlement Agreement expressly states it does not address.

-8-

the Settlement Agreement among the Settling Parties, be suspended pending consideration of the Settlement Agreement.

Respectfully submitted,

CHARLES R. MIDDLEKAUFF MARK R. HUFFMAN

/s/

By: Mark R. Huffman

Attorneys for

PACIFIC GAS AND ELECTRIC COMPANY

**POST OFFICE BOX 7442** 

San Francisco, California 94120

Telephone: (415) 973-3842 Facsimile: (415) 973-5520

E-mail: MRH2@pge.com

On behalf of

PACIFIC GAS AND ELECTRIC COMPANY

SOUTHERN CALIFORNIA EDISON COMPANY

SAN DIEGO GAS & ELECTRIC COMPANY

DIVISION OF RATEPAYER ADVOCATES

THE UTILITY REFORM NETWORK

GREEN POWER INSTITUTE,

CALIFORNIA LARGE ENERGY CONSUMERS

ASSOCIATION.

CALIFORNIA INDEPENDENT SYSTEM OPERATOR,

CALIFORNIA WIND ENERGY ASSOCIATION,

CALIFORNIA COGENERATION COUNCIL,

SIERRA CLUB,

COMMUNITIES FOR A BETTER ENVIRONMENT,

PACIFIC ENVIRONMENT,

COGENERATION ASSOCIATION OF CALIFORNIA,

ENERGY PRODUCERS AND USERS COALITION (EPUC),

CALPINE CORPORATION,

JACK ELLIS.

GENON CALIFORNIA NORTH LLC,

CENTER FOR ENERGY EFFICIENCY AND RENEWABLE

TECHNOLOGIES (CEERT),

NATURAL RESOURCE DEFENSE COUNCIL,

NRG ENERGY, INC., AND

**VOTE SOLAR INITIATIVE** 

WESTERN POWER TRADING FORUM

August 3, 2011

# ATTACHMENT SETTLEMENT AGREEMENT

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

Order Instituting Rulemaking to Integrate and Refine Procurement Policies and Consider Long-Term Procurement Plans.

Rulemaking 10-05-006

SETTLEMENT AGREEMENT BETWEEN AND AMONG PACIFIC GAS AND ELECTRIC COMPANY (U-39 E), SOUTHERN CALIFORNIA EDISON COMPANY (U-338-E), SAN DIEGO GAS & ELECTRIC COMPANY (U-902-E), THE DIVISION OF RATEPAYER ADVOCATES, THE UTILITY REFORM NETWORK, GREEN POWER INSTITUTE, CALIFORNIA LARGE ENERGY CONSUMERS ASSOCIATION, THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR, THE CALIFORNIA WIND ENERGY ASSOCIATION, THE CALIFORNIA COGENERATION COUNCIL, THE SIERRA CLUB, COMMUNITIES FOR A BETTER ENVIRONMENT, PACIFIC ENVIRONMENT, COGENERATION ASSOCIATION OF CALIFORNIA, ENERGY PRODUCERS AND USERS COALITION, CALPINE CORPORATION, JACK ELLIS, GENON CALIFORNIA NORTH LLC, THE CENTER FOR ENERGY EFFICIENCY AND RENEWABLE TECHNOLOGIES, THE NATURAL RESOURCE DEFENSE COUNCIL, NRG ENERGY, INC., THE VOTE SOLAR INITIATIVE, AND THE WESTERN POWER TRADING FORUM

MICHAEL D. MONTOYA CAROL A. SCHMID-FRAZEE

Attorneys for

SOUTHERN CALIFORNIA EDISON

COMPANY

2244 Walnut Grove Avenue

Post Office Box 800

Rosemead, California 91770 Telephone: (626) 302-1337 Facsimile: (626) 302-1935

E-mail:Carol.SchmidFrazee@sce.com

CHARLES R. MIDDLEKAUFF

MARK R. HUFFMAN

Attorneys for

PACIFIC GAS AND ELECTRIC COMPANY

POST OFFICE BOX 7442 San Francisco, California 94120

Telephone: (415) 973-3842 Facsimile: (415) 973-5520 E-mail: MRH2@pge.com

AIMEE M. SMITH	KAREN PAULL
Attorney for	Attorney for
SAN DIEGO GAS & ELECTRIC COMPANY	THE DIVISION OF RATEPAYER
101 Ash Street, HQ-12	ADVOCATES
San Diego, California 92101	505 Van Ness Avenue
Telephone: (619) 699-5042	San Francisco, California 94102
Facsimile: (619) 699-5027	Telephone: (415) 703-2630
E-mail: AMSmith@semprautilities.com	Facsimile: (415) 703-4432
	E-mail: Karen.Paull@cpuc.ca.gov
MATTHEW FREEDMAN	Gregg Morris
Attorney for	
THE UTILITY REFORM NETWORK	
115 Sansome Street, Suite 900	Green Power Institute
San Francisco, California 94104	2039 Shattuck Ave., Suite 402
Telephone: (415) 929-8876 x 304	Berkeley, CA 94704
Facsimile: (415) 929-1132	510 644-2700
E-mail: matthew@turn.org	gmorris@emf.net
William H. Booth, Of Counsel	Judith B. Sanders
Alcantar & Kahl	Beth Ann Burns
33 New Montgomery St., Suite 1850	Attorneys for
San Francisco, CA 94105	California Independent System Operator
Telephone: (415) 421-4143	Corporation
E-mail: whb@a-klaw.com	250 Outcropping Way
	Folsom, CA 95630
Attorneys for the California Large Energy	Tel: 916-608-7143
Consumers Association	Fax: 916-608-7222
	E-mail: jsanders@caiso.com
R. THOMAS BEACH	R. THOMAS BEACH
	On Behalf of
On behalf of	CALIFORNIA COGENERATION COUNCIL
CALIFORNIA WIND ENERGY	2560 Ninth Street, Suite 213A
ASSOCIATION	Berkeley, California 94708
2560 Ninth Street, Suite 213A	Telephone: 510-549-6922
Berkeley, California 94708	Facsimile: 510-649-9790
Telephone: 510-549-6922	E-mail: tomb@crossborderenergy.com
E-mail: tomb@crossborderenergy.com	

PAUL R. CORT Shana Lazerow WILLIAM B. ROSTOV Attorneys for Staff Attorney Communities for a Better Environment SIERRA CLUB CALIFORNIA Earthjustice 1904 Franklin Street, Suite 600 426 17th Street, 5th Floor Oakland, CA 94612 (510) 302-0430 extension 18 Oakland, CA 94612 Telephone: (510) 550-6725 slazerow@cbecal.org Facsimile: (510) 550-6749 pcort@earthjustice.org

wrostov@earthjustice.org

DEBORAH N. BEHLES MICHAEL ALCANTAR Attorney for: DONALD BROOKHYSER PACIFIC ENVIRONMENT TIMOTHY LINDL c/o Environmental Law and Justice Clinic Counsel for Cogeneration Association of Golden Gate University School of Law California and Energy Producers and Users 536 Mission Street Coalition San Francisco, CA 94105 Suite 1850, 33 New Montgomery St. San Francisco, CA 94105 (415) 369-5336 (415) 421-4143 Email: dbehles@ggu.edu e-mail: deb@a-klaw.com Jeffrey P. Gray Jack Ellis Davis Wright Tremaine LLP 505 Montgomery Street, Suite 800 PO Box 6600 San Francisco, California 94111 1425 Alpine Way Telephone: (415) 276-6500 Tahoe City, CA 96145 Facsimile: (415) 276-6599 Telephone: +1 530-581-2134 E-mail: jack@casaraquel.com E-mail:jeffgray@dwt.com Attorneys for CALPINE CORPORATION Lisa A. Cottle SARA STECK MYERS Winston & Strawn, LLP 101 California Street Attorney for San Francisco, California 94111 CENTER FOR ENERGY EFFICIENCY AND Telephone: 415-591-1579 RENEWABLE TECHNOLOGIES Facsimile: 415-591-1400 122 – 28th Avenue lcottle@winston.com San Francisco, CA Telephone: (415) 387-1904 Facsimile: (415) 387-4708 Attorneys for GenOn California North, LLC E-mail: ssmyers@att.net

SIERRA MARTINEZ Abraham Silverman Senior Regulatory Counsel NRG Energy, Inc. Attorney for 211 Carnegie Center Drive NATURAL RESOURCES DEFENSE Princeton, NJ 08540 COUNCIL Telephone: (609)524-4696 111 Sutter Street, Floor 20 San Francisco, CA 94104 Abraham.Silverman@nrgenergy.com Telephone: (415) 875-6100 Facsimile: (415) 875-6161 E-mail:smartinez@nrdc.org KELLY M. FOLEY DANIEL W. DOUGLASS Attorney for Attorney for THE VOTE SOLAR INITIATIVE WESTERN POWER TRADING FORUM 2089 Tracy Court 21700 Oxnard Street, Suite 1030 Folsom, California 95630 Woodland Hills, California 91367 Telephone: (916) 367-2017 Telephone: 818.961.3001 Facsimile: (520) 463-7025 Facsimile: 818.961.3004 E-mail: Kelly@votesolar.org E-mail: douglass@energyattorney.com

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

Order Instituting Rulemaking to Integrate and Refine Procurement Policies and Consider Long-Term Procurement Plans.

**Rulemaking 10-05-006** 

SETTLEMENT AGREEMENT BETWEEN AND AMONG PACIFIC GAS AND ELECTRIC COMPANY (U-39 E), SOUTHERN CALIFORNIA EDISON COMPANY (U-338-E), SAN DIEGO GAS & ELECTRIC COMPANY (U-902-E), THE DIVISION OF RATEPAYER ADVOCATES, THE UTILITY REFORM NETWORK, GREEN POWER INSTITUTE, CALIFORNIA LARGE ENERGY CONSUMERS ASSOCIATION, THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR, THE CALIFORNIA WIND ENERGY ASSOCIATION, THE CALIFORNIA COGENERATION COUNCIL, THE SIERRA CLUB, COMMUNITIES FOR A BETTER ENVIRONMENT. PACIFIC ENVIRONMENT, COGENERATION ASSOCIATION OF CALIFORNIA, ENERGY PRODUCERS AND USERS COALITION, CALPINE CORPORATION, JACK ELLIS, GENON CALIFORNIA NORTH LLC, THE CENTER FOR ENERGY EFFICIENCY AND RENEWABLE TECHNOLOGIES, THE NATURAL RESOURCE DEFENSE COUNCIL, NRG ENERGY, INC., THE VOTE SOLAR INITIATIVE, AND THE WESTERN POWER TRADING **FORUM** 

#### I. INTRODUCTION

In accordance with Rule 12.1 of the California Public Utilities Commission's (Commission) Rules of Practice and Procedure, Pacific Gas and Electric Company (PG&E), Southern California Edison Company (SCE), San Diego Gas & Electric Company (SDG&E), the Division of Ratepayer Advocates (DRA), The Utility Reform Network (TURN), Green Power Institute, California Large Energy Consumers Association (CLECA), the California Independent System Operator (CAISO), the California Wind Energy Association (CalWEA), the California

Cogeneration Council (CCC), the Sierra Club, Communities for a Better Environment (CBA), Pacific Environment, Cogeneration Association of California (CAC), Energy Producers and Users Coalition (EPUC), Calpine Corporation (Calpine), Jack Ellis, GenOn California North LLC (GenOn), the Center for Energy Efficiency and Renewable Technologies (CEERT), the Natural Resource Defense Council (NRDC), NRG Energy, Inc. (NRG), the Vote Solar Initiative (VoteSolar), and the Western Power Trading Forum (WPTF) (collectively referred to as the "Settling Parties" or individually as a "Settling Party"), hereby enter into this Settlement Agreement proposing a resolution to Track 1 of this proceeding that is mutually acceptable to the Settling Parties.

The Settling Parties believe that this Settlement Agreement is in the public interest and represents a fair and equitable resolution of the issues in Track 1 of this proceeding that is mutually acceptable to the Settling Parties of all Track 1 issues of this proceeding, with the exception of (1) SDG&E's pending request for a need determination for new resources to meet Local Capacity Requirements (LCR) and (2) the possibility of need to procure currently uncontracted existing resources. Therefore, the Settling Parties request that the Commission approve the Settlement Agreement without modification.

#### II. RECITALS

The Commission has determined that the purpose of Track I is to identify Commission-jurisdictional needs for new resources to meet system or local resource adequacy and to consider authorization of Investor-Owned Utility (IOU) procurement to meet that need, including issues related to long-term renewables planning and need for replacement generation infrastructure to eliminate reliance on power plants using once through cooling (OTC). (R.10-05-006, p. 9.) In carrying out this investigation, the Commission anticipated that in addition to maintaining an adequate reserve margin, system requirements to: 1) integrate renewables, 2) support OTC policy

implementation, 3) maintain local reliability, and 4) meet greenhouse gas (GHG) goals will be primary drivers for any need for new resources identified in this proceeding. (*Id.*, p. 12.)

Through a series of rulings (*see, e.g.*, February 10, 2011, Administrative Law Judge's Ruling Modifying System Track 1 Schedule and Setting Prehearing Conference), the Assigned Commissioner and Assigned Administrative Law Judges (ALJs) have refined the analysis required to be carried out by the IOUs, in conjunction with the California Independent System Operator (CAISO). In response, the IOUs and the CAISO developed and analyzed system resource plans using four scenarios described in rulings and in the December 3, 2010 Scoping Ruling to fulfill the standardized planning assumptions established by the Commission (four CPUC-Required Scenarios). In addition, the IOUs developed three scenarios and a further sensitivity analysis (IOU Common Scenarios). The CAISO also analyzed two other scenarios, one of which was identified in the December 3, 2010 Scoping Memo. Also in response to the requirements set forth in the series of rulings, the IOUs and the CAISO, in conjunction with Energy and Environmental Economics, Inc., (E3), a consultant to the IOUs, calculated the "performance evaluation metrics" associated with all of these scenarios.

#### III. SETTLEMENT AGREEMENT

#### A. Compliance With Commission Directives

As a compromise among their respective litigation positions, and subject to the recitals and reservations set forth in this Settlement Agreement, the Settling Parties agree not to dispute that the IOUs and the CAISO have complied with the directions contained in a series of rulings in this proceeding, with respect to the issues resolved in this Settlement Agreement. However, Settling Parties have differing views on the underlying input assumptions used in the analyses that inform the resolution of issues included in this Settlement Agreement, and this Settlement Agreement does not imply Settling Parties' support for those input assumptions.

#### B. System Need

As a compromise among their respective litigation positions, and subject to the recitals and reservations set forth in this Settlement Agreement, the Settling Parties agree that:

- With respect to system resource need and the integration of intermittent renewable resources into the CAISO grid, the Settling Parties encourage the Commission, in conjunction with the CAISO's ongoing work on this subject, to further examine this issue expeditiously in the next Long-Term Procurement Plan (LTPP) cycle or in an extension of the current LTPP cycle.
- All references to a potential "need to add capacity for renewable integration purposes" shall be interpreted within the context of the CAISO process which considers alternatives as further described in Section III.C below to determine the type of resources (including existing units) available to meet any defined needs. There is no presumption that any Phase 1 "need" requires the addition of new gas-fired generation resources above and beyond those needed to meet the current planning reserve margin.
- As requested by the Commission, the CAISO developed a methodology for assessing renewable integration resource needs (the "CAISO methodology"), and applied this methodology with the assistance of the IOUs to assess the need for flexible capacity for the four CPUC-Required Scenarios and one other CPUC scenario analyzed by the CAISO. The results show no need to add capacity for renewable integration purposes above the capacity available in the four scenarios for the planning period addressed in this LTPP cycle (2012-2020). The additional scenario studied by the CAISO did show need.
- The IOUs applied the same CAISO methodology for the IOU Common Scenarios using different assumptions from those used in the CPUC-Required Scenarios.

The results of the IOUs' modeling show need for additional capacity for renewable integration purposes under certain circumstances.

The resource planning analyses presented in this proceeding do not conclusively demonstrate whether or not there is need to add capacity for renewable integration purposes through the year 2020, the period to be addressed during the current LTPP cycle. The Settling Parties have differing views on the input assumptions used in, and conclusions to be drawn from the modeling. There is general agreement that further analysis is needed before any renewable integration resource need determination is made. For example, in the CAISO 2011/2012 transmission planning process, the CAISO intends to complete its analysis of local area needs driven by the OTC schedule for resource retirements or repowerings, and this work will be completed by the end of 2011. Once these study results become available, the CAISO will incorporate them into the renewable integration model using the methodology developed in this proceeding, and will complete this analysis by the end of the first quarter, 2012. Accordingly, the Commission should, in collaboration with the CAISO, continue the work undertaken thus far in this proceeding to refine and understand the future need for new renewable integration resources, either as an extension of the current LTPP cycle or as part of the next LTPP, which should be initiated expeditiously in the first quarter, 2012 and contain the procedural milestones set forth in agreement. Specifically, the Settling Parties agree that the CAISO should present the results of its additional OTC and renewable integration studies reflecting the recommendations described in Section below by no later than March 31, 2012. During the second quarter, 2012, the Settling Parties recommend that the Commission provide a process for parties to conduct discovery, serve testimony and participate in an evidentiary hearing on the CAISO's

renewable integration model and study results. Settling Parties further recommend that a final Commission assessment of need or a decision should be issued no later than December 31, 2012.

• Either as an extension of the current LTPP cycle, or as part of the next LTPP cycle and consistent with the procedural milestones in the previous paragraph, the Commission should continue the process undertaken in this proceeding that allows public review and comment on CAISO and IOU models; scenarios and and inputs used to analyze renewable integration needs. In addition, the process should allow all parties the opportunity to submit recommendations or proposals regarding assumptions, scenarios, modeling and inputs for inclusion in the record of the proceeding, including recommendation by the CAISO and other parties as to plausible scenarios that may be used for the CAISO's operational needs and market design enhancements.

## C. Recommendations on Issues that Should Be Addressed in an Extension of the Current LTPP Cycle or the Next LTPP Cycle

As a compromise among their respective litigation positions, and subject to the recitals and reservations set forth in this Settlement Agreement, the Settling Parties recommend, either as an extension of the current LTPP cycle, or as part of the next LTPP cycle: (i) the continued review and adjustment of the methodology and assumptions used in the renewable integration analysis; and (ii) the analysis of the potential of integrating renewables with a variety of resources as intended in CAISO's proposed Phase 2 analysis. The purpose of the Phase 2 analysis is to determine the amount and operational characteristics of resources, whether supply or demand side resources, that could address the operational needs of renewable integration, including not only conventional generation but also resources such as demand response, renewable resource dispatchability, energy storage, electric vehicle charging, smart grid, and

greater reliance on renewables resources that require fewer integration services, either individually or combined with a suite of other renewable resources.

#### D. Local Area (LCR) Need

As a compromise among their respective litigation positions, and subject to the recitals and reservations set forth in this Settlement Agreement, the Settling Parties agree that:

- It is important to incorporate the LCR work that the CAISO intends to complete as described above in Section B, System Need, and to reflect the results of that work in subsequent need assessments to be accomplished during the remainder of 2011 and the first half of 2012, either as an extension of the current LTPP cycle or as part of the next LTPP cycle.
- SCE's analysis of its LCR need is inconclusive, and that PG&E and SCE have not requested procurement authorization for new LCR resources in Track I of this LTPP.
- This Settlement Agreement does not address SDG&E's request for LCR procurement authority in Track I of this LTPP. Each of the Settling Parties remains free to advocate its individual litigation position on the issue of SDG&E's LCR need.
- The Commission does not need to authorize procurement authority relating to local capacity requirements for SCE's and PG&E's service areas at this time.

#### E. Existing Generation

As a compromise among their respective litigation positions, and subject to the recitals and reservations set forth in this Settlement Agreement, the Settling Parties agree that:

• This Settlement Agreement does not address the possibility of need to procure currently uncontracted existing resources. Each of the Settling Parties remains free to advocate its individual litigation position on this issue.

#### F. QF/CHP Settlement

Those Settling Parties who are also parties to the Qualifying Facility (QF)/Combined Heat and Power (CHP) settlement, adopted by the Commission in D.10-12-035 and subsequent orders, agree that nothing in the Settlement Agreement qualifies, defers or relaxes any obligation of any party under the QF/CHP settlement.

#### G. Exclusion of Track III Issues

As a compromise among their respective litigation positions and subject to the recitals and reservations set forth in this Settlement Agreement, the Settling Parties agree that:

• This Settlement Agreement does not address Track III issues or schedule.

#### H. Conclusion of Track 1 Of This Proceeding

As a compromise among their respective litigation positions, and subject to the recitals and reservations set forth in this Settlement Agreement, the Settling Parties agree that:

• The schedule for testimony, hearings, and briefing of the issues addressed in this Settlement Agreement (all Track I issues other than (1) SDG&E's pending request for a need determination for new resources to meet Local Capacity Requirements (LCR) and (2) the possibility of need to procure currently uncontracted existing resources) should be suspended pending Commission consideration of the Settlement Agreement. Intervening parties who sign the Settlement Agreement but have not served testimony will be permitted to submit data responses provided by the IOUs and the CAISO as part of the formal record of this proceeding. If the schedule is not suspended, however, Settling Parties may serve

Agreement if, in that testimony, Settling Parties present arguments and positions that differ from the recommendations in this Settlement Agreement. The Settling Parties reserve the right to submit or present reply testimony, limited to rebuttal to any testimony submitted on August 4, 2011.

#### I. Commission Approval

This Settlement Agreement shall become effective on the date of a final Commission decision approving the terms of this Settlement Agreement without modifications unacceptable to any Settling Party.

#### J. General Terms and Conditions

- 1. The Settlement Agreement is intended to be a resolution among the Settling Parties of some of the issues in Track I of the LTPP proceeding.
- 2. The Settling Parties agree to support the Settlement Agreement and perform diligently, and in good faith, all actions required or implied hereunder to obtain Commission approval of the Settlement Agreement, including without limitation, the preparation of written pleadings. No Settling Party will contest in this proceeding, or in any other forum or in any manner before this Commission, this Settlement Agreement.
- 3. The Settling Parties agree by executing and submitting this Settlement Agreement that the relief requested herein is just, fair and reasonable, and in the public interest.
- 4. The Settlement Agreement is not intended by the Settling Parties to be precedent regarding any principle or issue. The Settling Parties have assented to the terms of this Settlement Agreement only for the purpose of arriving at the compromise embodied in this Settlement. Each Settling Party expressly reserves its right to advocate, in current and future proceedings, positions, principles, assumptions, and arguments which may be different than

those underlying this Settlement Agreement, and each Settling Party declares that this Settlement Agreement should not be considered as precedent for or against it.

5. This Settlement Agreement embodies compromises of the Settling Parties' positions. No individual term of this Settlement Agreement is assented to by any Settling Party, except in consideration of the other Settling Parties' assent to all other terms. Thus the Settlement Agreement is indivisible and each part is interdependent on each and all other parts. Any Settling Party may withdraw from this Settlement Agreement if the Commission modifies, deletes from, or adds to the disposition of the matters stipulated herein. The Settling Parties agree, however, to negotiate in good faith with regard to any Commission-ordered changes in order to restore the balance of benefits and burdens, and to exercise the right to withdraw only if such negotiations are unsuccessful.

6. The terms and conditions of the Settlement Agreement may only be modified in writing subscribed to by the Settling Parties and approved by a Commission order.

The Settling Parties have caused this Settlement Agreement to be executed by their authorized representatives. By signing this Settlement Agreement, the representatives of the Settling Parties warrant that they have the requisite authority to bind their respective principals.

DATED: August 3, 2011

//

//

//

//

Signature pages to follow.

PACIFIC GAS AND ELECTRIC COMPANY	THE CALIFORNIA LARGE ENERGY CONSUMERS ASSOCIATION
BY: /S/ MARK R. HUFFMAN	BY: <u>/S/</u>
ITS: ATTORNEY	ITS:
SOUTHERN CALIFORNIA EDISON COMPANY	CALIFORNIA COGENERATION COUNCIL
BY: /S/ CAROL SCHMID FRAZEE	_
	BY: /S/
ITS ATTORNEY	R. THOMAS BEACH ITS_ATTORNEY
SAN DIEGO GAS & ELECTRIC	113 ATTORNET
COMPANY	GREEN POWER INSTITUTE
BY: <u>/S/</u>	<u> </u>
AIMEE M. SMITH	BY: /S/
ITS ATTORNEY	GREGG MORRIS ITS ATTORNEY
THE DIVISION OF RATEPAYER	IIS ATTORNET
ADVOCATES	SIERRA CLUB CALIFORNIA
BY:/S/	
KAREN PAULL ITS ATTORNEY	BY: /S/ PAUL R. CORT
ITS ATTORNEY	ITS ATTORNEY
THE UTILITY REFORM NETWORK	TIS TITTORULE
	COMMUNITIES FOR A BETTER ENVIRONMENT
BY: /S/ MATTHEW FREEDMAN	_
MATTHEW FREEDMAN ITS ATTORNEY	BY: <u>/S/</u>
	SHANA LAZEROW
	ITS ATTORNEY

#### PACIFIC ENVIRONMENT GENON CALIFORNIA NORTH, LLC

BY: /S/ DEBORAH N. BEHLES ITS: ATTORNEY  NRG ENERGY, INC.	BY: /S/ LISA A. COTTLE ITS: ATTORNEY JACK ELLIS
BY: /S/ ABRAHAM SILVERMAN ITS ATTORNEY	BY: /S/ JACK ELLIS
THE VOTE SOLAR INITIATIVE	COGENERATION ASSOCIATION OF CALIFORNIA AND ENERGY PRODUCERS AND USERS COALITION
BY: /S/ KELLY M. FOLEY ITS ATTORNEY	BY: /S/ DONALD BROOKHYSER ITS ATTORNEY
NATURAL RESOURCES DEFENSE COUNCIL	THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR
BY: /S/ SIERRA MARTINEZ ITS ATTORNEY  CENTER FOR ENERGY EFFICIENCY AND RENEWABLE TECHNOLOGIES	BY: /S/ JUDITH B. SANDERS ITS ATTORNEY
BY: /S/ SARA STECK MYERS ITS ATTORNEY	-

## CALIFORNIA WIND ENERGY ASSOCIATION

BY:	<u>/S/</u>
	R. THOMAS BEACH
ITS .	ATTORNEY
CAL	PINE CORPORATION
BY:	<u>/S/</u>
	JEFFREY P. GRAY
ITS:	ATTORNEY
WES	STERN POWER TRADING FORUM
BY:	<u>/S/</u>
	DANIEL W. DOUGLASS
ITS:	ATTORNEY