

From: Gubman, Joanna

Sent: 1/16/2014 5:25:28 PM

clamasbabbini@comverge.com (clamasbabbini@comverge.com);  
dweisz@mceCleanEnergy.org (dweisz@mceCleanEnergy.org);  
sue.mara@RTOadvisors.com (sue.mara@RTOadvisors.com);  
Andrew.Luszcz@GlacialEnergy.com (Andrew.Luszcz@GlacialEnergy.com);  
kevin.boudreaux@calpine.com (kevin.boudreaux@calpine.com);  
blyons@TigerNaturalGas.com (blyons@TigerNaturalGas.com);  
abraham.silverman@nrgenergy.com (abraham.silverman@nrgenergy.com);  
jleslie@mckennalong.com (jleslie@mckennalong.com); sahm@clean-coalition.org  
(sahm@clean-coalition.org); proceedings@psrec.coop (proceedings@psrec.coop);  
liddell@energyattorney.com (liddell@energyattorney.com);  
thomaspcorr@gmail.com (thomaspcorr@gmail.com); rick\_noger@praxair.com  
(rick\_noger@praxair.com); douglass@energyattorney.com  
(douglass@energyattorney.com); igoodman@commerceenergy.com  
(igoodman@commerceenergy.com); Joni.Templeton@sce.com  
(Joni.Templeton@sce.com); rkmoore@gswater.com (rkmoore@gswater.com);  
martin.kadillak@shell.com (martin.kadillak@shell.com);  
APak@SempraUtilities.com (APak@SempraUtilities.com);  
energy@3phasesrenewables.com (energy@3phasesrenewables.com);  
nguyen.quan@gswater.com (nguyen.quan@gswater.com);  
To: kimjohnson@ebarton.com (kimjohnson@ebarton.com);  
awilliams@libertypowercorp.com (awilliams@libertypowercorp.com);  
Joseph.williams@cwt.com (Joseph.williams@cwt.com);  
mryan@montaukenergy.com (mryan@montaukenergy.com); hbethel@ormat.com  
(hbethel@ormat.com); Cherry, Brian K  
(/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=BKC7); ssmyers@att.net  
(ssmyers@att.net); nes@a-klaw.com (nes@a-klaw.com); jeanne.sole@sfgov.org  
(jeanne.sole@sfgov.org); mgo@goodinmacbride.com (mgo@goodinmacbride.com);  
mpa@a-klaw.com (mpa@a-klaw.com); hayley@turn.org (hayley@turn.org);  
mtierney-lloyd@enernoc.com (mtierney-lloyd@enernoc.com);  
bcragg@goodinmacbride.com (bcragg@goodinmacbride.com);  
tdarton@pilotpowergroup.com (tdarton@pilotpowergroup.com); cmkehrlein@ems-  
ca.com (cmkehrlein@ems-ca.com); GloriaB@anzaelectric.org  
(GloriaB@anzaelectric.org); rl@eslawfirm.com (rl@eslawfirm.com);  
andrea.morrison@directenergy.com (andrea.morrison@directenergy.com);  
abb@eslawfirm.com (abb@eslawfirm.com); jeffgray@dwt.com  
(jeffgray@dwt.com); Patrick.VanBeek@CommercialEnergy.net  
(Patrick.VanBeek@CommercialEnergy.net); tomb@crossborderenergy.com  
(tomb@crossborderenergy.com); dorth@krcd.org (dorth@krcd.org);  
lcottle@winston.com (lcottle@winston.com); mday@goodinmacbride.com  
(mday@goodinmacbride.com); Miley, Matt (matt.miley@cpuc.ca.gov);  
dansvec@hdo.net (dansvec@hdo.net); aivancovich@caiso.com  
(aivancovich@caiso.com); mary.lynch@constellation.com  
(mary.lynch@constellation.com); cpuc@primuspower.com

(cpuc@primuspower.com); stephen.t.greenleaf@jpmorgan.com  
(stephen.t.greenleaf@jpmorgan.com); matt.vespa@SierraClub.org  
(matt.vespa@SierraClub.org); b.bordine@d-e-c-a.org (b.bordine@d-e-c-a.org);  
Rachel@largescalesolar.org (Rachel@largescalesolar.org);  
dschlosberg@brightsourceenergy.com (dschlosberg@brightsourceenergy.com);  
Tex.Wilkins@gmail.com (Tex.Wilkins@gmail.com); RegRelCPUCCases  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=RegRelCPUCCases);  
david@nemtzw.com (david@nemtzw.com); case.admin@sce.com  
(case.admin@sce.com); mrw@mrwassoc.com (mrw@mrwassoc.com);  
wynne@braunlegal.com (wynne@braunlegal.com);  
DWTCPUCDOCKETS@dwt.com (DWTCPUCDOCKETS@dwt.com);  
igoodman@commerceenergy.com (igoodman@commerceenergy.com); Huffman,  
Mark (Law) (/O=PG&E/OU=Corporate/cn=Recipients/cn=MRH2);  
blaising@braunlegal.com (blaising@braunlegal.com); lwisland@ucsusa.org  
(lwisland@ucsusa.org); Zahariudakis, George  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=GxZ5); gbass@noblesolutions.com  
(gbass@noblesolutions.com); klatt@energyattorney.com  
(klatt@energyattorney.com); nrader@calwea.org (nrader@calwea.org);  
davidmorse9@gmail.com (davidmorse9@gmail.com);  
californiadockets@pacificcorp.com (californiadockets@pacificcorp.com);  
cpacc@calpine.com (cpacc@calpine.com); ddavie@wellhead.com  
(ddavie@wellhead.com); brian.theaker@nrgenergy.com  
(brian.theaker@nrgenergy.com); peter.pearson@bves.com  
(peter.pearson@bves.com); julien.dumoulin-smith@ubs.com (julien.dumoulin-  
smith@ubs.com); matthew.barmack@calpine.com  
(matthew.barmack@calpine.com); smaye@nappartners.com  
(smaye@nappartners.com); mcrane@bluestarenergy.com  
(mcrane@bluestarenergy.com); NILEN@vestas.com (NILEN@vestas.com);  
smartinez@nrdc.org (smartinez@nrdc.org); jason.lewis@jpmorgan.com  
(jason.lewis@jpmorgan.com); Ekelly@mceCleanEnergy.org  
(Ekelly@mceCleanEnergy.org); sswaroop@mceCleanEnergy.org  
(sswaroop@mceCleanEnergy.org); JWaen@mceCleanEnergy.org  
(JWaen@mceCleanEnergy.org); mstamas@nrdc.org (mstamas@nrdc.org);  
barbara@barkovichandyap.com (barbara@barkovichandyap.com);  
braun@braunlegal.com (braun@braunlegal.com); whitney@clean-coalition.org  
(whitney@clean-coalition.org); virinder.singh@edf-re.com (virinder.singh@edf-  
re.com); Steph@Clean-Coalition.org (Steph@Clean-Coalition.org);  
AKaplan@BrownRudnick.com (AKaplan@BrownRudnick.com); SZuretti@seia.org  
(SZuretti@seia.org); NODonovan@LREnergy.com (NODonovan@LREnergy.com);  
margaret.miller@brookfieldrenewable.com  
(margaret.miller@brookfieldrenewable.com); Berlinski@BeaconPower.com  
(Berlinski@BeaconPower.com); Wetstone, Brad  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=B1WA); dyana@clean-coalition.org  
(dyana@clean-coalition.org); ygomez@libertypowercorp.com  
(ygomez@libertypowercorp.com); Marty.Rogers@nee.com  
(Marty.Rogers@nee.com); winton.kelly@nee.com (winton.kelly@nee.com);

pramod@ces-ltd.com (pramod@ces-ltd.com); mcMahon.rachel@gmail.com (mcMahon.rachel@gmail.com); michael.evans@shell.com (michael.evans@shell.com); ariel.lin@sce.com (ariel.lin@sce.com); Mobasher@ElectricPowerGroup.com (Mobasher@ElectricPowerGroup.com); Susan.E.Smith@shell.com (Susan.E.Smith@shell.com); justin.boone@sce.com (justin.boone@sce.com); mburrows@3phasesRenewables.com (mburrows@3phasesRenewables.com); jay.robertson@directenergy.com (jay.robertson@directenergy.com); rfagan@synapse-energy.com (rfagan@synapse-energy.com); David.Weidberg@jci.com (David.Weidberg@jci.com); hudsonr@conedsolutions.com (hudsonr@conedsolutions.com); amanda.bergfield@directenergy.com (amanda.bergfield@directenergy.com); MJacobs@ucsusa.org (MJacobs@ucsusa.org); Robin.Smutny-Jones@IberdrolaRen.com (Robin.Smutny-Jones@IberdrolaRen.com); tam@clean-coalition.org (tam@clean-coalition.org); jenchamberlin@earthlink.net (jenchamberlin@earthlink.net); Kevin.Woodruff(kdw@woodruff-expert-services.com) (kdw@woodruff-expert-services.com); tlong@turn.org (tlong@turn.org); Peck, David B. (david.peck@cpuc.ca.gov); kmills@cbbf.com (kmills@cbbf.com); filings@a-klaw.com (filings@a-klaw.com); CentralFiles@SempraUtilities.com (CentralFiles@SempraUtilities.com); Gamson, David M. (david.gamson@cpuc.ca.gov); cem@newsdata.com (cem@newsdata.com); e-recipient@caiso.com (e-recipient@caiso.com); Middlekauff, Charles (Law) (/O=PG&E/OU=Corporate/cn=Recipients/cn=CRMd); Gonzales, Matthew (/O=PG&E/OU=Corporate/cn=Recipients/cn=MRGg); Chow, Lily (lily.chow@cpuc.ca.gov); gmorris@emf.net (gmorris@emf.net); Ouyang, Ke Hao (kehao.ouyang@cpuc.ca.gov); Lee, Rebecca Tsai-Wei (rebecca.lee@cpuc.ca.gov); abb@eslawfirm.com (abb@eslawfirm.com); jjg@eslawfirm.com (jjg@eslawfirm.com); Spencer, Peter (peter.spencer@cpuc.ca.gov); Lukins, Chloe (chloe.lukins@cpuc.ca.gov); Lakhchaura, Megha (megha.lakhchaura@cpuc.ca.gov); Douglas, Paul (paul.douglas@cpuc.ca.gov); eddyconsulting@gmail.com (eddyconsulting@gmail.com); Fitch, Julie A. (julie.fitch@cpuc.ca.gov); spauker@wsg.com (spauker@wsg.com); mpryor@energy.state.ca.us (mpryor@energy.state.ca.us); dgrandy@caonsitegen.com (dgrandy@caonsitegen.com); atrowbridge@daycartermurphy.com (atrowbridge@daycartermurphy.com); dws@r-c-s-inc.com (dws@r-c-s-inc.com); jna@speakeasy.org (jna@speakeasy.org); Kamins, Sara M. (sara.kamins@cpuc.ca.gov); pmaxwell@navigantconsulting.com (pmaxwell@navigantconsulting.com); danielle@ceert.org (danielle@ceert.org); JChamberlin@LSPower.com (JChamberlin@LSPower.com); mary.wiencke@pacificorp.com (mary.wiencke@pacificorp.com); jwoodwar@energy.state.ca.us (jwoodwar@energy.state.ca.us); tsolomon@winston.com (tsolomon@winston.com); VidhyaPrabhakaran@dwt.com (VidhyaPrabhakaran@dwt.com); Colvin, Michael (michael.colvin@cpuc.ca.gov); Franz, Damon A. (damon.franz@cpuc.ca.gov); bburns@caiso.com (bburns@caiso.com); RNicholson@SempraUtilities.com (RNicholson@SempraUtilities.com); david@ceert.org (david@ceert.org); Brooks,

Donald J. (donald.brooks@cpuc.ca.gov); Lasko, Yakov (yakov.lasko@cpuc.ca.gov); wrostov@earthjustice.org (wrostov@earthjustice.org); Jarman, Thomas A (/O=PG&E/OU=Corporate/cn=Recipients/cn=TAJ8); AGarza-Beutz@semprautilities.com (AGarza-Beutz@semprautilities.com); philm@scdenergy.com (philm@scdenergy.com); Dorman, Elizabeth (elizabeth.dorman@cpuc.ca.gov); deb@a-klaw.com (deb@a-klaw.com); brflynn@flynnrci.com (brflynn@flynnrci.com); dennis@ddecuir.com (dennis@ddecuir.com); TLindl@kfwlaw.com (TLindl@kfwlaw.com); O'Donnell, Arthur J. (Arthur.O'Donnell@cpuc.ca.gov); Inavarro@edf.org (Inavarro@edf.org); 1040@pacbell.net (1040@pacbell.net); nicole@braunlegal.com (nicole@braunlegal.com); sean.beatty@nrgenergy.com (sean.beatty@nrgenergy.com); Kito, Michele (michele.kito@cpuc.ca.gov); jleesq@yahoo.com (jleesq@yahoo.com); kfox@kfwlaw.com (kfox@kfwlaw.com); kerry.hattevik@nee.com (kerry.hattevik@nee.com); 'william.sanders@sfgov.org' (william.sanders@sfgov.org); jderosa@ces-ltd.com (jderosa@ces-ltd.com); berlin@susieberlinlaw.com (berlin@susieberlinlaw.com); Chaset, Nicolas L. (nicolas.chaset@cpuc.ca.gov); Stevens, Brian (brian.stevens@cpuc.ca.gov); Smith, Christopher (/O=PG&E/OU=Corporate/cn=Recipients/cn=C5SE); sarah.keane@bingham.com (sarah.keane@bingham.com); Wecker, Alan (Alan.Wecker@cpuc.ca.gov); dan.patry@recurrentenergy.com (dan.patry@recurrentenergy.com); JFriderichs@pilotpowergroup.com (JFriderichs@pilotpowergroup.com); sbailey@semprausgp.com (sbailey@semprausgp.com); shaun.logue@brookfieldrenewable.com (shaun.logue@brookfieldrenewable.com); irene@igc.org (irene@igc.org); ericg@votesolar.org (ericg@votesolar.org); Greenacre, Wade (/O=PG&E/OU=Corporate/cn=Recipients/cn=WAG9); Gupta, Alope (alope.gupta@cpuc.ca.gov); STomec@CapitalPower.com (STomec@CapitalPower.com); tandu.mcmannes@solar.abengoa.com (tandy.mcmannes@solar.abengoa.com); mike.jaske@energy.state.ca.us (mike.jaske@energy.state.ca.us); dhou@caiso.com (dhou@caiso.com); bcooper@caiso.com (bcooper@caiso.com); jhcaldwelljr@gmail.com (jhcaldwelljr@gmail.com); Rich.Quattrini@jci.com (Rich.Quattrini@jci.com); keene@braunlegal.com (keene@braunlegal.com); jgoodin@caiso.com (jgoodin@caiso.com); john@dmcadvisors.com (john@dmcadvisors.com); jenniferchamberlin@gmail.com (jenniferchamberlin@gmail.com); jbaak@votesolar.org (jbaak@votesolar.org); gkatta@caiso.com (gkatta@caiso.com); onmyers@gmail.com (onmyers@gmail.com); cara.goldenberg@grueneich.com (cara.goldenberg@grueneich.com); scott.dayer@ge.com (scott.dayer@ge.com); Taber@PrincetonEnergy.net (Taber@PrincetonEnergy.net); cpuc-r1110023@olivineinc.com (cpuc-r1110023@olivineinc.com); Li, Xian M. (Xian.Li@cpuc.ca.gov); Gannon, Jaime Rose (JaimeRose.Gannon@cpuc.ca.gov); Charkowicz, Ed (ed.charkowicz@cpuc.ca.gov); Liang-Uejio, Scarlett (scarlett.liang-uejio@cpuc.ca.gov); Gubman, Joanna (Joanna.Gubman@cpuc.ca.gov); ktreleven@gmail.com (ktreleven@gmail.com); scheduling.nwngs@nwnatural.com (scheduling.nwngs@nwnatural.com); ericj@eslawfirm.com (ericj@eslawfirm.com);

McMahon, Rachel (Rachel.McMahon@cpuc.ca.gov); Ciupagea, Radu (radu.ciupagea@cpuc.ca.gov); Langton, Adam (adam.langton@cpuc.ca.gov); 'rshilling@krcd.org' (rshilling@krcd.org); 'kgillick@sfgwater.org' (kgillick@sfgwater.org); 'mhyams@sfgwater.org' (mhyams@sfgwater.org); 'willem.fadrhonc@stem.com' (willem.fadrhonc@stem.com); 'Tang, Nuo - Mktg Affil-E&FP' (NTang@semprautilities.com); 'TCSaile@SempraUtilities.com' (TCSaile@SempraUtilities.com); 'cathompson@anaheim.net' (cathompson@anaheim.net); 'smatlock@gswater.com' (smatlock@gswater.com); 'Joseph.Phalen@bves.com' (Joseph.Phalen@bves.com); EOlon@SempraUtilities.com (EOlon@SempraUtilities.com); Karl Meeusen (kmeeusen@caiso.com); 'Tracey.Drabant@bves.com' (Tracey.Drabant@bves.com)

Cc:

Bcc:

Subject: R.11-10-023 (RA): Staff Proposals and Workshop on 1/27

To the Service List of R.11-10-023 (Resource Adequacy Proceeding):

Attached please find three Staff Proposals released as part of the Resource Adequacy Proceeding, R.11-10-023. On Monday, January 27, staff will host a workshop on these proposals, as well as on one additional proposal to be released next week, as described in the Public Workshop Notice below. The proposals will also be posted online at [http://www.cpuc.ca.gov/PUC/energy/Procurement/RA/ra\\_history.htm](http://www.cpuc.ca.gov/PUC/energy/Procurement/RA/ra_history.htm).

The workshop will be held in the CPUC Courtyard Room from 10:00am-2:00pm, and will cover (1) a staff proposal on implementation of the flexible capacity initiative; (2) six staff proposals regarding RA program refinements; (3) a proposed Effective Load Carrying Capability methodology for wind and solar resources; and (4) proposed methodologies for calculating the qualifying capacity and effective flexible capacity of energy storage and demand response resources. Please see the Daily Calendar notice below for workshop logistics, including remote access information. Presentation slides will be emailed to the R.11-10-023 Service List prior to the workshop, and will be posted to the [Resource Adequacy History](#) webpage after the workshop.

Please feel free to contact me with any questions.

Best,

Joanna Gubman

**R.11-10-023 Public Workshop Notice – Resource Adequacy Staff Proposals**

**January 27, 2013**

10 am – 2 pm

California Public Utilities Commission  
505 Van Ness Avenue, Courtyard Room  
(Corner of Van Ness Avenue and McAllister Street)  
**San Francisco California 94102**

**(Wheelchair Accessible)**

**Remote Access**

**To join by phone:**

**Teleconference number:** (866) 812-8481

**Participant code:** 9058288#

**To join by WebEx:**

Go to

<https://van.webex.com/van/j.php?ED=235004447&UID=491292>

**Topic:** R.11-10-023 – Resource Adequacy Staff Proposals

**Meeting Number:** 746 614 238

**Meeting Password:** resource

The purpose of this workshop is to **(1)** present a staff proposal on implementation of the flexible capacity initiative; **(2)** introduce and discuss six staff proposals regarding RA program refinements; **(3)** describe and discuss a proposed Effective Load Carrying Capability methodology for wind and solar resources; and **(4)** describe and discuss proposed methodologies for calculating the qualifying capacity and effective flexible capacity of energy storage and demand response resources. Associated staff proposals providing further details about the material to be addressed at this workshop have been or will soon be published to the R.11-10-023 Service List, and will also be posted to [http://www.cpuc.ca.gov/PUC/energy/Procurement/RA/ra\\_history.htm](http://www.cpuc.ca.gov/PUC/energy/Procurement/RA/ra_history.htm). Presentation slides will also be e-mailed out to the Service List prior to the workshop, for participants who are unable to attend in person. For questions about this workshop, please contact Joanna Gubman at [joanna.gubman@cpuc.ca.gov](mailto:joanna.gubman@cpuc.ca.gov) or (415) 703-2333. This workshop will not include a lunch break.

**Remote Attendance**

Remote attendees will be able to participate by emailing questions to [Joanna.gubman@cpuc.ca.gov](mailto:Joanna.gubman@cpuc.ca.gov) or by submitting questions via the WebEx chat function.

Questions will not be taken by phone. Presentation slides will be e-mailed to the R.11-10-023 Service List prior to the workshop.

**For More Information, Please Contact:** Joanna Gubman via phone at (415) 703-2333 or email at [joanna.gubman@cpuc.ca.gov](mailto:joanna.gubman@cpuc.ca.gov).

Joanna Gubman

Public Utilities Regulatory Analyst

Resource Adequacy & Procurement Oversight

California Public Utilities Commission

415-703-2333

[joanna.gubman@cpuc.ca.gov](mailto:joanna.gubman@cpuc.ca.gov)