

From: Schultz, Adam
Sent: 7/5/2013 10:24:20 AM
To: Adam.Gusman@GlacialEnergy.com (Adam.Gusman@GlacialEnergy.com); blaising@braunlegal.com (blaising@braunlegal.com); tam.hunt@gmail.com (tam.hunt@gmail.com); marcusdacunha@hotmail.com (marcusdacunha@hotmail.com); Andrew.Wang@SolarReserve.com (Andrew.Wang@SolarReserve.com); smartinez@nrdc.org (smartinez@nrdc.org); sahm@clean-coalition.org (sahm@clean-coalition.org); proceedings@psrec.coop (proceedings@psrec.coop); ktreleven@gmail.com (ktreleven@gmail.com); rick_noger@praxair.com (rick_noger@praxair.com); mmazur@3PhasesRenewables.com (mmazur@3PhasesRenewables.com); douglass@energyattorney.com (douglass@energyattorney.com); igoodman@commerceenergy.com (igoodman@commerceenergy.com); kb@EnerCalUSA.com (kb@EnerCalUSA.com); TPhillips@TigerNaturalGas.com (TPhillips@TigerNaturalGas.com); AMSmith@SempraUtilities.com (AMSmith@SempraUtilities.com); kara.morgan@tac-denver.com (kara.morgan@tac-denver.com); cpacc@calpine.com (cpacc@calpine.com); akbar.jazayeri@sce.com (akbar.jazayeri@sce.com); abraham.silverman@nrgenergy.com (abraham.silverman@nrgenergy.com); AKaplan@BrownRudnick.com (AKaplan@BrownRudnick.com); awilliams@libertypowercorp.com (awilliams@libertypowercorp.com); awilliams@libertypowercorp.com (awilliams@libertypowercorp.com); p.shepard@dgc-us.com (p.shepard@dgc-us.com); kwd@vnf.com (kwd@vnf.com); Cherry, Brian K (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=BKC7); sdhilton@stoel.com (sdhilton@stoel.com); Lee, Diana (diana.lee@cpuc.ca.gov); nes@a-klaw.com (nes@a-klaw.com); mtierney-lloyd@enernoc.com (mtierney-lloyd@enernoc.com); liddell@energyattorney.com (liddell@energyattorney.com); bcragg@goodinmacbride.com (bcragg@goodinmacbride.com); tdarton@pilotpowergroup.com (tdarton@pilotpowergroup.com); jarmstrong@goodinmacbride.com (jarmstrong@goodinmacbride.com); GloriaB@anzaelectric.org (GloriaB@anzaelectric.org); mdjoseph@adamsbroadwell.com (mdjoseph@adamsbroadwell.com); andrea.morrison@directenergy.com (andrea.morrison@directenergy.com); sue.mara@RTOadvisors.com (sue.mara@RTOadvisors.com); matthew@turn.org (matthew@turn.org); dorth@krcd.org (dorth@krcd.org); gbass@noblesolutions.com (gbass@noblesolutions.com); mcampbell@sfwater.org (mcampbell@sfwater.org); lcottle@winston.com (lcottle@winston.com); ek@a-klaw.com (ek@a-klaw.com); mday@goodinmacbride.com (mday@goodinmacbride.com); jstoddard@manatt.com (jstoddard@manatt.com); mmattes@nossaman.com (mmattes@nossaman.com); theresa.mueller@sfgov.org (theresa.mueller@sfgov.org); martin.kadillak@shell.com (martin.kadillak@shell.com); wrostov@earthjustice.org (wrostov@earthjustice.org); dbehles@ggu.edu (dbehles@ggu.edu); william.kissinger@bingham.com (william.kissinger@bingham.com); daking@semprausgp.com (daking@semprausgp.com); proceedings@megawatts.com (proceedings@megawatts.com); STomec@CapitalPower.com

(STomec@CapitalPower.com); ravage@ieta.org (ravage@ieta.org);
kristine@SoCalTelephone.com (kristine@SoCalTelephone.com);
RegRelCPUCCases
(/O=PG&E/OU=Corporate/cn=Recipients/cn=RegRelCPUCCases);
kmills@cfbf.com (kmills@cfbf.com); ssmyers@att.net (ssmyers@att.net);
lmh@eslawfirm.com (lmh@eslawfirm.com); edwardoneill@dwt.com
(edwardoneill@dwt.com); jody_london_consulting@earthlink.net
(jody_london_consulting@earthlink.net); wem@igc.org (wem@igc.org);
bobgex@dwt.com (bobgex@dwt.com); janreid@coastecon.com
(janreid@coastecon.com); gmorris@emf.net (gmorris@emf.net); Pagedar, Sujata
(/O=PG&E/OU=Corporate/cn=Recipients/cn=sxpg); Huffman, Mark (Law)
(/O=PG&E/OU=Corporate/cn=Recipients/cn=MRH2); jsanders@caiso.com
(jsanders@caiso.com); lwisland@ucsusa.org (lwisland@ucsusa.org);
rl@eslawfirm.com (rl@eslawfirm.com); Zahariudakis, George
(/O=PG&E/OU=Corporate/cn=Recipients/cn=GxZ5); jeffgray@dwt.com
(jeffgray@dwt.com); Patrick.VanBeek@CommercialEnergy.net
(Patrick.VanBeek@CommercialEnergy.net); tomb@crossborderenergy.com
(tomb@crossborderenergy.com); cte@eslawfirm.com (cte@eslawfirm.com);
Erin.Grizard@BloomEnergy.com (Erin.Grizard@BloomEnergy.com);
Diane.Fellman@nrgenergy.com (Diane.Fellman@nrgenergy.com);
californiadockets@pacificorp.com (californiadockets@pacificorp.com);
ddavie@wellhead.com (ddavie@wellhead.com); JChamberlin@LSPower.com
(JChamberlin@LSPower.com); VidhyaPrabhakaran@dwt.com
(VidhyaPrabhakaran@dwt.com); wmc@a-klaw.com (wmc@a-klaw.com);
julien.dumoulin-smith@ubs.com (julien.dumoulin-smith@ubs.com);
matthew.barmack@calpine.com (matthew.barmack@calpine.com);
dansvec@hdo.net (dansvec@hdo.net); deb@a-klaw.com (deb@a-klaw.com);
gifford.jung@powerex.com (gifford.jung@powerex.com);
stephen.t.greenleaf@jpmorgan.com (stephen.t.greenleaf@jpmorgan.com);
jleslie@mckennalong.com (jleslie@mckennalong.com);
JMauldin@adamsbroadwell.com (JMauldin@adamsbroadwell.com); b.bordine@d-e-
c-a.org (b.bordine@d-e-c-a.org); barbara@barkovichandyap.com
(barbara@barkovichandyap.com); klr@a-klaw.com (klr@a-klaw.com);
Steph@Clean-Coalition.org (Steph@Clean-Coalition.org); oliviapara@dwt.com
(oliviapara@dwt.com); ksoutherland@tas.com (ksoutherland@tas.com);
dan.patry@recurrentenergy.com (dan.patry@recurrentenergy.com);
SZuretti@seia.org (SZuretti@seia.org); rfo@sovereignenergy.net
(rfo@sovereignenergy.net); margaret.miller@brookfieldrenewable.com
(margaret.miller@brookfieldrenewable.com); dkates@sonic.net (dkates@sonic.net);
WJKeese@aol.com (WJKeese@aol.com); john@dicksongeesman.com
(john@dicksongeesman.com); anfanzon@semprautilities.com
(anfanzon@semprautilities.com); sswaroop@marinenergy.com
(sswaroop@marinenergy.com); andra.pligavko@gmail.com
(andra.pligavko@gmail.com); dyana@clean-coalition.org (dyana@clean-
coalition.org); Ekelly@MarinEnergy.com (Ekelly@MarinEnergy.com);
matt@gqhlobby.com (matt@gqhlobby.com); Iwahashi, Miyuki

(/O=PG&E/OU=Corporate/cn=Recipients/cn=MXI8); randy.keller@calenergy.com
(randy.keller@calenergy.com); lchaset@keyesandfox.com
(lchaset@keyesandfox.com); mcmahon.rachel@gmail.com
(mcmahon.rachel@gmail.com); michael.evans@shell.com
(michael.evans@shell.com); David.Weidberg@jci.com (David.Weidberg@jci.com);
tam@clean-coalition.org (tam@clean-coalition.org); d.hicks@dgc-us.com
(d.hicks@dgc-us.com); dfelix@northlightpower.com
(dfelix@northlightpower.com); jbbrown@gate.net (jbbrown@gate.net);
jeanne.sole@sfgov.org (jeanne.sole@sfgov.org); steven@moss.net
(steven@moss.net); clamasbabbini@comverge.com
(clamasbabbini@comverge.com); filings@a-klaw.com (filings@a-klaw.com);
mpa@a-klaw.com (mpa@a-klaw.com); CentralFiles@SempraUtilities.com
(CentralFiles@SempraUtilities.com); jimross@r-c-s-inc.com (jimross@r-c-s-
inc.com); glw@eslawfirm.com (glw@eslawfirm.com); cem@newsdata.com
(cem@newsdata.com); case.admin@sce.com (case.admin@sce.com);
mrw@mrwassoc.com (mrw@mrwassoc.com); pthomsen@ormat.com
(pthomsen@ormat.com); e-recipient@caiso.com (e-recipient@caiso.com);
Middlekauff, Charles (Law) (/O=PG&E/OU=Corporate/cn=Recipients/cn=CRMd);
Jones, Kimberly (/O=PG&E/OU=Corporate/cn=Recipients/cn=KCJ5); Gonzales,
Matthew (/O=PG&E/OU=Corporate/cn=Recipients/cn=MRGg);
DWTCPUCDOCKETS@dwt.com (DWTCPUCDOCKETS@dwt.com);
shong@goodinmacbride.com (shong@goodinmacbride.com);
adam.green@solarreserve.com (adam.green@solarreserve.com);
abb@eslawfirm.com (abb@eslawfirm.com); dkk@eslawfirm.com
(dkk@eslawfirm.com); Gong, Alice
(/O=PG&E/OU=Corporate/cn=Recipients/cn=AxL3); klatt@energyattorney.com
(klatt@energyattorney.com); Lucha, Ed
(/O=PG&E/OU=Corporate/cn=Recipients/cn=ELL5); kowalewskia@calpine.com
(kowalewskia@calpine.com); DNiehaus@SempraUtilities.com
(DNiehaus@SempraUtilities.com); nrader@calwea.org (nrader@calwea.org);
steven@iepa.com (steven@iepa.com); dgrandy@caonsitegen.com
(dgrandy@caonsitegen.com); martinhomec@gmail.com
(martinhomec@gmail.com); pmaxwell@navigantconsulting.com
(pmaxwell@navigantconsulting.com); kdw@woodruff-expert-services.com
(kdw@woodruff-expert-services.com); Monica.Schwebs@bingham.com
(Monica.Schwebs@bingham.com); ccollins@Energystrat.com
(ccollins@Energystrat.com); brian.theaker@nrgenergy.com
(brian.theaker@nrgenergy.com); beth@beth411.com (beth@beth411.com);
jpierce@semprautilities.com (jpierce@semprautilities.com);
dmarcus2@sbcglobal.net (dmarcus2@sbcglobal.net); carol.schmidfrazee@sce.com
(carol.schmidfrazee@sce.com); david@ceert.org (david@ceert.org);
pushkarwagle@flynnrci.com (pushkarwagle@flynnrci.com); dwang@nrdc.org
(dwang@nrdc.org); pcort@earthjustice.org (pcort@earthjustice.org);
rpsantos@semprautilities.com (rpsantos@semprautilities.com);
agerterlinda@gmail.com (agerterlinda@gmail.com); Jarman, Thomas A
(/O=PG&E/OU=Corporate/cn=Recipients/cn=TAJ8); jbaird@earthjustice.org

(jbaird@earthjustice.org); slazerow@cbeal.org (slazerow@cbeal.org);
WKeilani@SempraUtilities.com (WKeilani@SempraUtilities.com);
philm@scdenergy.com (philm@scdenergy.com); bspeckman@nexant.com
(bspeckman@nexant.com); aes_ltp@aes.com (aes_ltp@aes.com);
daniel.h.kim@me.com (daniel.h.kim@me.com); will.mitchell@cpv.com
(will.mitchell@cpv.com); Melissa.Hovsepian@sce.com
(Melissa.Hovsepian@sce.com); Barry, Donna L
(/O=PG&E/OU=Corporate/cn=Recipients/cn=DLBf); nguyen.quan@gswater.com
(nguyen.quan@gswater.com); matt.vespa@SierraClub.org
(matt.vespa@SierraClub.org); TLindl@kfwlaw.com (TLindl@kfwlaw.com);
tculley@kfwlaw.com (tculley@kfwlaw.com); aschwartz@solarcity.com
(aschwartz@solarcity.com); nicole@braunlegal.com (nicole@braunlegal.com);
sean.beatty@nrgenergy.com (sean.beatty@nrgenergy.com);
Rachel@largescalesolar.org (Rachel@largescalesolar.org);
ahmad.faruqui@brattle.com (ahmad.faruqui@brattle.com); cbk@eslawfirm.com
(cbk@eslawfirm.com); jderosa@ces-ltd.com (jderosa@ces-ltd.com);
rshilling@krcd.org (rshilling@krcd.org); SHruby@SempraUtilities.com
(SHruby@SempraUtilities.com); tara.collins@sfgov.org (tara.collins@sfgov.org);
rvillarreal@earthjustice.org (rvillarreal@earthjustice.org); Smith, Christopher
(/O=PG&E/OU=Corporate/cn=Recipients/cn=C5SE); MeganMMyers@yahoo.com
(MeganMMyers@yahoo.com); greencowboysdf@gmail.com
(greencowboysdf@gmail.com); sbailey@semprausgp.com
(sbailey@semprausgp.com); irene@igc.org (irene@igc.org); ericg@votesolar.org
(ericg@votesolar.org); ehsieh@a123systems.com (ehsieh@a123systems.com);
aadeyeye@earthjustice.org (aadeyeye@earthjustice.org);
TCSaile@SempraUtilities.com (TCSaile@SempraUtilities.com);
Berlinski@BeaconPower.com (Berlinski@BeaconPower.com);
CalConsumersAlliance@gmail.com (CalConsumersAlliance@gmail.com);
chris.hendrix@wal-mart.com (chris.hendrix@wal-mart.com);
James.J.Hirsch@gmail.com (James.J.Hirsch@gmail.com);
kim.johnson@RiverbankPower.com (kim.johnson@RiverbankPower.com);
JWaen@MarinEnergy.com (JWaen@MarinEnergy.com);
bruce.perlstein@navigant.com (bruce.perlstein@navigant.com);
fred.wellington@navigantconsulting.com
(fred.wellington@navigantconsulting.com); ygomez@libertypowercorp.com
(ygomez@libertypowercorp.com); sarah.barker-ball@bingham.com (sarah.barker-
ball@bingham.com); Sarah.Friedman@SierraClub.org
(Sarah.Friedman@SierraClub.org); dhou@caiso.com (dhou@caiso.com);
Mobasheri@ElectricPowerGroup.com (Mobasheri@ElectricPowerGroup.com);
Rich.Quattrini@jci.com (Rich.Quattrini@jci.com); keene@braunlegal.com
(keene@braunlegal.com); jbaak@votesolar.org (jbaak@votesolar.org);
rfagan@synapse-energy.com (rfagan@synapse-energy.com);
cara.goldenberg@grueneich.com (cara.goldenberg@grueneich.com);
scott.dayer@ge.com (scott.dayer@ge.com); hudsonr@conedsolutions.com
(hudsonr@conedsolutions.com); cpospisil@edisonmission.com
(cpospisil@edisonmission.com); tvitolo@synapse-energy.com (tvitolo@synapse-

energy.com); elusebrink@edisonmission.com (elusebrink@edisonmission.com);
cschneider@prologis.com (cschneider@prologis.com); marilyn@sbesc.com
(marilyn@sbesc.com); Pasrich@ColoState.edu (Pasrich@ColoState.edu);
mgardner@efficiencycouncil.org (mgardner@efficiencycouncil.org);
PLuckow@Synapse-Energy.com (PLuckow@Synapse-Energy.com);
KUlrich@foe.org (KUlrich@foe.org); gestrada@krismayeslaw.com
(gestrada@krismayeslaw.com); FairbanksA@ConEdSolutions.com
(FairbanksA@ConEdSolutions.com); charles.purshouse@camcoglobal.com
(charles.purshouse@camcoglobal.com); atorbin@prologis.com
(atorbin@prologis.com); adaberko@starwood.com (adaberko@starwood.com);
rwilson@synapse-energy.com (rwilson@synapse-energy.com);
snichols@summitpower.com (snichols@summitpower.com);
dariush@shirconsultants.com (dariush@shirconsultants.com); ronknecht@aol.com
(ronknecht@aol.com); eszalkowski@cleanlineenergy.com
(eszalkowski@cleanlineenergy.com); amanda.klopf@sce.com
(amanda.klopf@sce.com); nick@ethree.com (nick@ethree.com);
rsb@worldbusiness.org (rsb@worldbusiness.org); jshields@ssjid.com
(jshields@ssjid.com); greg.blue@sbcglobal.net (greg.blue@sbcglobal.net);
venskus@lawsv.com (venskus@lawsv.com); jcandelaria@aspenerg.com
(jcandelaria@aspenerg.com); sfoley@ggu.edu (sfoley@ggu.edu); ndivekar@synapse-
energy.com (ndivekar@synapse-energy.com); Peck, David B.
(david.peck@cpuc.ca.gov); Ungson, Chris (chris.ungson@cpuc.ca.gov); Ungson,
Chris (chris.ungson@cpuc.ca.gov); Gamson, David M.
(david.gamson@cpuc.ca.gov); Skinner, Nathaniel (nathaniel.skinner@cpuc.ca.gov);
Chow, Lily (lily.chow@cpuc.ca.gov); Ouyang, Ke Hao
(kehao.ouyang@cpuc.ca.gov); Lee, Rebecca Tsai-Wei (rebecca.lee@cpuc.ca.gov);
Parrillo, Jordan (jordan.parrillo@cpuc.ca.gov); Rogers, Nika
(nika.rogers@cpuc.ca.gov); Spencer, Peter (peter.spencer@cpuc.ca.gov); Simon,
Sean A. (sean.simon@cpuc.ca.gov); Lukins, Chloe (chloe.lukins@cpuc.ca.gov);
Lakhchaura, Megha (megha.lakhchaura@cpuc.ca.gov); eddyconsulting@gmail.com
(eddyconsulting@gmail.com); mpryor@energy.state.ca.us
(mpryor@energy.state.ca.us); djurijew@capitalpower.com
(djurijew@capitalpower.com); atrowbridge@daycartermurphy.com
(atrowbridge@daycartermurphy.com); dietrichlaw2@earthlink.net
(dietrichlaw2@earthlink.net); Kwasny, Iryna (iryna.kwasny@cpuc.ca.gov); dws@r-
c-s-inc.com (dws@r-c-s-inc.com); Hieta, Karin M. (karin.hieta@cpuc.ca.gov);
White, Keith D. (keith.white@cpuc.ca.gov); Franz, Damon A.
(damon.franz@cpuc.ca.gov); Poirier, Marcelo (marcelo.poirier@cpuc.ca.gov);
Khosrowjah, Sepideh (sepideh.khosrowjah@cpuc.ca.gov); Lasko, Yakov
(yakov.lasko@cpuc.ca.gov); jack@casaraquel.com (jack@casaraquel.com);
Randolph, Edward F. (edward.randolph@cpuc.ca.gov); Velasquez, Carlos A.
(carlos.velasquez@cpuc.ca.gov); O'Donnell, Arthur J.
(Arthur.O'Donnell@cpuc.ca.gov); Kao, Valerie (valerie.kao@cpuc.ca.gov); Kito,
Michele (michele.kito@cpuc.ca.gov); Siao, David (David.Siao@cpuc.ca.gov);
Stevens, Brian (brian.stevens@cpuc.ca.gov); Sterkel, Merideth "Molly"
(MeridethMolly.Sterkel@cpuc.ca.gov); Wecker, Alan (Alan.Wecker@cpuc.ca.gov);

Gupta, Alope (aloke.gupta@cpuc.ca.gov); connie.leni@energy.ca.gov
(connie.leni@energy.ca.gov); mike.jaske@energy.state.ca.us
(mike.jaske@energy.state.ca.us); Charkowicz, Ed (ed.charkowicz@cpuc.ca.gov);
Bichkoff, Lewis (Lewis.Bichkoff@cpuc.ca.gov); peter.cavan@pulseenergy.com
(peter.cavan@pulseenergy.com); Young, Patrick (Patrick.Young@cpuc.ca.gov);
Ketabi, Noushin (Noushin.Ketabi@cpuc.ca.gov); fraser@ieta.org (fraser@ieta.org);
Ciupagea, Radu (radu.ciupagea@cpuc.ca.gov); lschwartz@raponline.org
(lschwartz@raponline.org); Nakamura, Kevin S. (kevin.nakamura@cpuc.ca.gov);
Cole, Alexander (Alexander.Cole@cpuc.ca.gov)

Cc: Schultz, Adam (adam.schultz@cpuc.ca.gov)

Bcc:

Subject: R.12-03-014: Follow-up questions to DG Technical Potential Workshop

To all parties on the service list for R.12-03-014:

Attached to this e-mail are a series of detailed questions to follow-up to the workshop held by Energy Division staff earlier this year on renewable DG technical potential. The attached PDF includes a cover sheet with background information and detailed instructions for submitting responses. **Responses from parties are due no later than 5:00pm on Friday, August 9.**

Note:

The slides from the renewable DG technical potential workshop are available online:

http://www.cpuc.ca.gov/NR/ronlyres/5F2B76C0-043D-46CA-8C41-1F67E3116999/0/Jan31_CPUC_RenewableDGTechnicalPotentialWorkshopSlides.pdf

The focus of the workshop was the study developed by E3 and published by the CPUC titled, "*Technical Potential for Local Distributed PV in California*," available online here:

<http://www.cpuc.ca.gov/NR/ronlyres/8A822C08-A56C-4674-A5D2-099E48B41160/0/LDPVPotentialReportMarch2012.pdf>