

From: Don Brookhyser  
Sent: 10/25/2013 12:28:37 PM  
To: Lee, Diana (diana.lee@cpuc.ca.gov); case.admin@sce.com (case.admin@sce.com); jsanders@caiso.com (jsanders@caiso.com); carol.schmidfrazee@sce.com (carol.schmidfrazee@sce.com)  
Cc: Andrew.Wang@SolarReserve.com (Andrew.Wang@SolarReserve.com); Florio, Michel Peter (MichelPeter.Florio@cpuc.ca.gov); ktreleven@gmail.com (ktreleven@gmail.com); Adam.Gusman@GlacialEnergy.com (Adam.Gusman@GlacialEnergy.com); blaising@braunlegal.com (blaising@braunlegal.com); tam.hunt@gmail.com (tam.hunt@gmail.com); matthew@turn.org (matthew@turn.org); marcusdacunha@hotmail.com (marcusdacunha@hotmail.com); smartinez@nrdc.org (smartinez@nrdc.org); sahm@clean-coalition.org (sahm@clean-coalition.org); proceedings@psrec.coop (proceedings@psrec.coop); lbond@rwglaw.com (lbond@rwglaw.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); kara.morgan@tac-denver.com (kara.morgan@tac-denver.com); cpacc@calpine.com (cpacc@calpine.com); carol.schmidfrazee@sce.com (carol.schmidfrazee@sce.com); abraham.silverman@nrenergy.com (abraham.silverman@nrenergy.com); AKaplan@BrownRudnick.com (AKaplan@BrownRudnick.com); Hal@AltonEnergy.com (Hal@AltonEnergy.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); edwardoneill@dwt.com (edwardoneill@dwt.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); AMSmith@SempraUtilities.com (AMSmith@SempraUtilities.com); dorth@krcd.org (dorth@krcd.org); gbass@noblesolutions.com (gbass@noblesolutions.com); lcottle@winston.com (lcottle@winston.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@megawattsf.com  
(proceedings@megawattsf.com); Nora Sheriff (nes@a-klaw.com);  
STomec@CapitalPower.com (STomec@CapitalPower.com); ravage@ieta.org  
(ravage@ieta.org); kristine@SoCalTelephone.com  
(kristine@SoCalTelephone.com); David.A.Peffer@gmail.com  
(David.A.Peffer@gmail.com); Evelyn Kahl (ek@a-klaw.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); 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); nrader@calwea.org (nrader@calwea.org);  
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); julien.dumoulin-smith@ubs.com (julien.dumoulin-  
smith@ubs.com); matthew.barmack@calpine.com  
(matthew.barmack@calpine.com); dansvec@hdo.net (dansvec@hdo.net);  
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); mstamas@nrdc.org (mstamas@nrdc.org);  
barbara@barkovichandyap.com (barbara@barkovichandyap.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);  
john@dicksongeesman.com (john@dicksongeesman.com);  
anfanzon@semprautilities.com (anfanzon@semprautilities.com);  
sswaroop@marinenergy.com (sswaroop@marinenergy.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); Robin.Smutny-Jones@IberdrolaRen.com (Robin.Smutny-Jones@IberdrolaRen.com); d.hicks@dgc-us.com (d.hicks@dgc-us.com); mgardner@efficiencycouncil.org (mgardner@efficiencycouncil.org); dfelix@northlightpower.com (dfelix@northlightpower.com); jbbrown@gate.net (jbbrown@gate.net); Mike Cade (wmc@a-klaw.com); Katy Rosenberg (klr@a-klaw.com); jenchamberlin@earthlink.net (jenchamberlin@earthlink.net); JNelson@ucsusa.org (JNelson@ucsusa.org); jeanne.sole@sfgov.org (jeanne.sole@sfgov.org); steven@moss.net (steven@moss.net); clamababbini@comverge.com (clamababbini@comverge.com); CentralFiles@SempraUtilities.com (CentralFiles@SempraUtilities.com); jimross@r-c-s-inc.com (jimross@r-c-s-inc.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); 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); dgrandy@caonsitegen.com (dgrandy@caonsitegen.com); martinhomec@gmail.com (martinhomec@gmail.com); pmaxwell@navigantconsulting.com (pmaxwell@navigantconsulting.com); Monica.Schwebs@bingham.com (Monica.Schwebs@bingham.com); ccollins@Energystrat.com (ccollins@Energystrat.com); VidhyaPrabhakaran@dwt.com (VidhyaPrabhakaran@dwt.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); slazerow@cbeal.org  
(slazerow@cbeal.org); 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); acampbell@sensient-  
energy.com (acampbell@sensient-energy.com); 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); 1040@pacbell.net  
(1040@pacbell.net); aschwartz@solarcity.com (aschwartz@solarcity.com);  
sean.beatty@nrgenergy.com (sean.beatty@nrgenergy.com); jleesq@yahoo.com  
(jleesq@yahoo.com); policy@efficiencycouncil.org (policy@efficiencycouncil.org);  
ahmad.faruqui@brattle.com (ahmad.faruqui@brattle.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); willem.fadrhonc@stem.com  
(willem.fadrhonc@stem.com); 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); kimjohnson@ebarton.com  
(kimjohnson@ebarton.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);  
CatherineSullivan@yahoo.com (CatherineSullivan@yahoo.com);  
CSummers@SempraUtilities.com (CSummers@SempraUtilities.com);  
TCSaile@SempraUtilities.com (TCSaile@SempraUtilities.com);  
Berlinski@BeaconPower.com (Berlinski@BeaconPower.com); Greenacre, Wade  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=WAG9);  
CalConsumersAlliance@gmail.com (CalConsumersAlliance@gmail.com);  
WJKeese@aol.com (WJKeese@aol.com); chris.hendrix@wal-mart.com  
(chris.hendrix@wal-mart.com); James.J.Hirsch@gmail.com  
(James.J.Hirsch@gmail.com); JWaen@MarinEnergy.com  
(JWaen@MarinEnergy.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);  
jhcaldwelljr@gmail.com (jhcaldwelljr@gmail.com);  
Mobasheri@ElectricPowerGroup.com (Mobasheri@ElectricPowerGroup.com);  
Rich.Quattrini@jci.com (Rich.Quattrini@jci.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); tam@clean-coalition.org (tam@clean-coalition.org); SLiu@caiso.com (SLiu@caiso.com); cpospisil@edisonmission.com (cpospisil@edisonmission.com); tvitolo@synapse-energy.com (tvitolo@synapse-energy.com); cschneider@prologis.com (cschneider@prologis.com); marilyn@sbesc.com (marilyn@sbesc.com); Pasrich@ColoState.edu (Pasrich@ColoState.edu); 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); ty@tosdallaw.com (ty@tosdallaw.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); tbailey@rwglaw.com (tbailey@rwglaw.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); DZizmor@ggu.edu (DZizmor@ggu.edu); nick@ethree.com (nick@ethree.com); rsb@worldbusiness.org (rsb@worldbusiness.org); JCorbelli@ggu.edu (JCorbelli@ggu.edu); jshields@ssjid.com (jshields@ssjid.com); cpuc-r1203014@olivineinc.com (cpuc-r1203014@olivineinc.com); BBirdsall@aspeneg.com (BBirdsall@aspeneg.com); greg.blue@sbcglobal.net (greg.blue@sbcglobal.net); filings (filings@a-klaw.com); Michael Alcantar (mpa@a-klaw.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); glw@eslawfirm.com (glw@eslawfirm.com); Chow, Lily (lily.chow@cpuc.ca.gov); Ouyang, Ke Hao (kehao.ouyang@cpuc.ca.gov); Lee, Rebecca Tsai-Wei (rebecca.lee@cpuc.ca.gov); abb@eslawfirm.com (abb@eslawfirm.com); dkk@eslawfirm.com (dkk@eslawfirm.com); 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); sgp@eslawfirm.com (sgp@eslawfirm.com); eddyconsulting@gmail.com (eddyconsulting@gmail.com); steven@iepa.com (steven@iepa.com); Fitch, Julie A. (julie.fitch@cpuc.ca.gov); 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); kdw@woodruff-expert-services.com (kdw@woodruff-expert-services.com); White, Keith D. (keith.white@cpuc.ca.gov); Franz, Damon A. (damon.franz@cpuc.ca.gov); Miley, Matt (matt.miley@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); Inavarro@edf.org (Inavarro@edf.org); Kao,  
Valerie (valerie.kao@cpuc.ca.gov); Flagg, Michaela  
(Michaela.Flagg@cpuc.ca.gov); nicole@braunlegal.com (nicole@braunlegal.com);  
Rachel@largescalesolar.org (Rachel@largescalesolar.org); Kito, Michele  
(michele.kito@cpuc.ca.gov); cbk@eslawfirm.com (cbk@eslawfirm.com); St. Marie,  
Stephen (Stephen.St.Marie@cpuc.ca.gov); Siao, David (David.Siao@cpuc.ca.gov);  
Florio, Michel Peter (MichelPeter.Florio@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); keene@braunlegal.com (keene@braunlegal.com);  
Li, Xian M. (Xian.Li@cpuc.ca.gov); Charkowicz, Ed  
(ed.charkowicz@cpuc.ca.gov); Gubman, Joanna (Joanna.Gubman@cpuc.ca.gov);  
McMahon, Rachel (Rachel.McMahon@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); Linda.Kelly@energy.ca.gov  
(Linda.Kelly@energy.ca.gov); david.gamson@cpuc.ca.gov  
(david.gamson@cpuc.ca.gov)

Bcc:

Subject: R.12-03-014 CAC cross exhibits for SCE Witness Cushnie

Ms. Schmidt-Frazee,

Attached are two exhibits that CAC and EPUC may use in cross-examining SCE's witness  
Cushnie in the LTPP Track IV hearings.

Don

Donald Brookhyser / Attorney

Alcantar & Kahl, LLP / Suite 1750 / 1300 SW Fifth Avenue / Portland, Oregon / 97201

Phone: 503.402.8702 / Fax: 503.402.8882

Confidential - The contents of this message may be subject to the attorney client privilege or attorney work product doctrine. If you are not the intended recipient, confidentiality is not waived; please delete this email and notify the sender.