

From: L&R Filings

Sent: 6/19/2012 1:28:22 PM

Brown, Andy (abb@eslawfirm.com); 'aadeyeye@earthjustice.org' (aadeyeye@earthjustice.org); 'ahmad.faruqui@brattle.com' (ahmad.faruqui@brattle.com); 'agerterlinda@gmail.com' (agerterlinda@gmail.com); 'akbar.jazayeri@sce.com' (akbar.jazayeri@sce.com); 'abraham.silverman@nrgenergy.com' (abraham.silverman@nrgenergy.com); 'AMSmith@SempraUtilities.com' (AMSmith@SempraUtilities.com); 'adam.green@solarreserve.com' (adam.green@solarreserve.com); 'Adam.Gusman@GlacialEnergy.com' (Adam.Gusman@GlacialEnergy.com); 'adaberko@starwood.com' (adaberko@starwood.com); Cherry, Brian K (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=BKC7); Gong, Alice (/O=PG&E/OU=Corporate/cn=Recipients/cn=AxL3); 'atrowbridge@daycartermurphy.com' (atrowbridge@daycartermurphy.com); 'bobgex@dwt.com' (bobgex@dwt.com); 'BCragg@GoodinMacbride.com' (BCragg@GoodinMacbride.com); 'bmarshall@psrec.coop' (bmarshall@psrec.coop); 'Andrea.Morrison@DirectEnergy.com' (Andrea.Morrison@DirectEnergy.com);
To: 'beth@beth411.com' (beth@beth411.com); 'bsb@eslawfirm.com' (bsb@eslawfirm.com); Blaising, Scott (blaising@braunlegal.com); Barkovich, Barbara (brbarkovich@earthlink.net); 'BRIANF@VEA.COOP' (BRIANF@VEA.COOP); 'andrew.wang@solarreserve.com' (andrew.wang@solarreserve.com); Theaker, Brian (brian.theaker@nrgenergy.com); 'brc@cpuc.ca.gov' (brc@cpuc.ca.gov); 'andra.pligavko@gmail.com' (andra.pligavko@gmail.com); 'dbp@cpuc.ca.gov' (dbp@cpuc.ca.gov); Middlekauff, Charles (Law) (/O=PG&E/OU=Corporate/cn=Recipients/cn=CRMd); 'cem@newsdata.com' (cem@newsdata.com); 'case.admin@sce.com' (case.admin@sce.com); 'CentralFiles@SempraUtilities.com' (CentralFiles@SempraUtilities.com); 'diane.fellman@nrgenergy.com' (diane.fellman@nrgenergy.com); 'dietrichlaw2@earthlink.net' (dietrichlaw2@earthlink.net); 'df1@cpuc.ca.gov' (df1@cpuc.ca.gov); 'californiadockets@pacificorp.com' (californiadockets@pacificorp.com); 'david@ceert.org' (david@ceert.org); 'daniel.h.kim@me.com' (daniel.h.kim@me.com); 'cho@cpuc.ca.gov' (cho@cpuc.ca.gov); 'dbehles@ggu.edu' (dbehles@ggu.edu); 'carol.schmidfrazee@sce.com' (carol.schmidfrazee@sce.com); 'clu@cpuc.ca.gov' (clu@cpuc.ca.gov); 'ccollins@energystrat.com' (ccollins@energystrat.com); 'cbk@eslawfirm.com' (cbk@eslawfirm.com); Davie, Douglas (ddavie@wellhead.com); Brookhyser, Don (deb@a-klaw.com); 'cpacc@calpine.com' (cpacc@calpine.com); 'dansvec@hdo.net' (dansvec@hdo.net); 'cu2@cpuc.ca.gov' (cu2@cpuc.ca.gov); Speckman, Barney (bspeckman@nexant.com); 'chris.hendrix@wal-mart.com' (chris.hendrix@wal-mart.com); Ellison, Chris (cte@eslawfirm.com); 'daking@semprausgp.com' (daking@semprausgp.com); 'Connie.Leni@energy.ca.gov' (Connie.Leni@energy.ca.gov); 'CalConsumersAlliance@gmail.com' (CalConsumersAlliance@gmail.com); 'cpospisil@edisonmission.com' (cpospisil@edisonmission.com); 'charles.purshouse@camcoglobal.com'

(charles.purshouse@camcoglobal.com); 'bvitale@climatetrust.org'
(bvitale@climatetrust.org); 'DBodine@LibertyPowerCorp.com'
(DBodine@LibertyPowerCorp.com); Jones, Kimberly
(/O=PG&E/OU=Corporate/cn=Recipients/cn=KCJ5); 'kar@cpuc.ca.gov'
(kar@cpuc.ca.gov); 'jeanne.sole@sfgov.org' (jeanne.sole@sfgov.org);
'douglass@energyattorney.com' (douglass@energyattorney.com); 'filings@a-
klaw.com' (filings@a-klaw.com); 'GloriaB@anzaelectric.org'
(GloriaB@anzaelectric.org); 'dmg@cpuc.ca.gov' (dmg@cpuc.ca.gov);
'klatt@energyattorney.com' (klatt@energyattorney.com); 'jeffgray@dwt.com'
(jeffgray@dwt.com); 'dil@cpuc.ca.gov' (dil@cpuc.ca.gov); 'lmh@eslawfirm.com'
(lmh@eslawfirm.com); 'glw@eslawfirm.com' (glw@eslawfirm.com); 'ek@a-
klaw.com' (ek@a-klaw.com); 'janreid@coastecon.com' (janreid@coastecon.com);
'DWTCPUCDOCKETS@dwt.com' (DWTCPUCDOCKETS@dwt.com);
'igoodman@commerceenergy.com' (igoodman@commerceenergy.com);
'kdw@woodruff-expert-services.com' (kdw@woodruff-expert-services.com);
'jleslie@McKennaLong.com' (jleslie@McKennaLong.com); 'lwisland@ucsusa.org'
(lwisland@ucsusa.org); 'jbaird@earthjustice.org' (jbaird@earthjustice.org);
'kowalewskia@calpine.com' (kowalewskia@calpine.com); 'gmorris@emf.net'
(gmorris@emf.net); 'dwang@nrdc.org' (dwang@nrdc.org); 'lcottle@winston.com'
(lcottle@winston.com); Bass, Greg (GBass@noblesolutions.com);
'kelly@votesolar.org' (kelly@votesolar.org); 'eddyconsulting@gmail.com'
(eddyconsulting@gmail.com); 'djurijew@capitalpower.com'
(djurijew@capitalpower.com); 'erasmussen@marinenergyauthority.org'
(erasmussen@marinenergyauthority.org); 'jody_london_consulting@earthlink.net'
(jody_london_consulting@earthlink.net); Jung, Gifford
(gifford.jung@powerex.com); Schoenbeck, Don (dws@r-c-s-inc.com); Liddell, Don
(liddell@energyattorney.com); Ross, James A (jimross@r-c-s-inc.com);
'dkk@eslawfirm.com' (dkk@eslawfirm.com); Marcus, David
(dmarcus2@sbcglobal.net); Mills, Karen (kmills@cfbf.com); 'dorth@krcd.org'
(dorth@krcd.org); 'ehsieh@a123systems.com' (ehsieh@a123systems.com);
'kd1@cpuc.ca.gov' (kd1@cpuc.ca.gov); Moosen, Irene K. (irene@igc.org);
'kristin.b.burford@gmail.com' (kristin.b.burford@gmail.com);
'JStoddard@manatt.com' (JStoddard@manatt.com); 'dyana@clean-coalition.org'
(dyana@clean-coalition.org); White CPUC, Keith (kwh@cpuc.ca.gov); Sanders,
Judith (JSanders@caiso.com); 'dsl@cpuc.ca.gov' (dsl@cpuc.ca.gov);
'LChaset@KeyesAndFox.com' (LChaset@KeyesAndFox.com);
'margaret.miller@brookfieldrenewable.com'
(margaret.miller@brookfieldrenewable.com); Chamberlin, Jennifer
(JChamberlin@LSPower.com); Boudreaux, Kevin (kb@enercalusa.com);
'ericg@votesolar.org' (ericg@votesolar.org); 'hudsonr@conedsolutions.com'
(hudsonr@conedsolutions.com); 'marcusdacunha@hotmail.com'
(marcusdacunha@hotmail.com); 'kwd@vnf.com' (kwd@vnf.com);
'kara.morgan@tac-denver.com' (kara.morgan@tac-denver.com);
'jordan.parrillo@cpuc.ca.gov' (jordan.parrillo@cpuc.ca.gov);
'gestrada@krismayeslaw.com' (gestrada@krismayeslaw.com);
'FairbanksA@ConEdSolutions.com' (FairbanksA@ConEdSolutions.com);

'dweisz@marinenergy.com' (dweisz@marinenergy.com); 'lschwartz@raponline.org'
(lschwartz@raponline.org); 'kristine@SoCalTelephone.com'
(kristine@SoCalTelephone.com); Ellis, Jack (DOE) (Jack@casaraquel.com);
'JWaen@MarinEnergyAuthority.org' (JWaen@MarinEnergyAuthority.org);
'theresa.mueller@sfgov.org' (theresa.mueller@sfgov.org); RegRelCPUCCases
(/O=PG&E/OU=Corporate/cn=Recipients/cn=RegRelCPUCCases); Duenas, Rosa
(/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=R1DJ1); 'skh@cpuc.ca.gov'
(skh@cpuc.ca.gov); Gonzales, Matthew
(/O=PG&E/OU=Corporate/cn=Recipients/cn=MRGg); Huffman, Mark (Law)
(/O=PG&E/OU=Corporate/cn=Recipients/cn=MRH2); 'mrw@mrwassoc.com'
(mrw@mrwassoc.com); 'nes@a-klaw.com' (nes@a-klaw.com); 'whb@a-klaw.com'
(whb@a-klaw.com); 'WKeilani@SempraUtilities.com'
(WKeilani@SempraUtilities.com); 'mdjoseph@adamsbroadwell.com'
(mdjoseph@adamsbroadwell.com); 'mla@cpuc.ca.gov' (mla@cpuc.ca.gov);
'phs@cpuc.ca.gov' (phs@cpuc.ca.gov); 'wtr@cpuc.ca.gov' (wtr@cpuc.ca.gov);
'martinhomec@gmail.com' (martinhomec@gmail.com);
'mday@goodinmacbride.com' (mday@goodinmacbride.com);
'mmattes@nossaman.com' (mmattes@nossaman.com); 'nws@cpuc.ca.gov'
(nws@cpuc.ca.gov); 'matthew@turn.org' (matthew@turn.org); 'sdhilton@stoel.com'
(sdhilton@stoel.com); 'tomb@crossborderenergy.com'
(tomb@crossborderenergy.com); 'will.mitchell@cpv.com' (will.mitchell@cpv.com);
Greenacre, Wade (/O=PG&E/OU=Corporate/cn=Recipients/cn=WAG9);
'MCampbell@sflower.org' (MCampbell@sflower.org); 'wem@igc.org'
(wem@igc.org); 'tdarton@pilotpowergroup.com' (tdarton@pilotpowergroup.com);
'ssmyers@att.net' (ssmyers@att.net); 'matt.vespa@SierraClub.org'
(matt.vespa@SierraClub.org); 'mtierney-lloyd@enernoc.com' (mtierney-
lloyd@enernoc.com); 'mpa@a-klaw.com' (mpa@a-klaw.com);
'slazerow@cbeal.org' (slazerow@cbeal.org); 'wrostov@earthjustice.org'
(wrostov@earthjustice.org); 'nlr@cpuc.ca.gov' (nlr@cpuc.ca.gov);
'tam.hunt@gmail.com' (tam.hunt@gmail.com); 'tphillips@tigernaturalgas.com'
(tphillips@tigernaturalgas.com); 'Melissa.Hovsepian@sce.com'
(Melissa.Hovsepian@sce.com); 'rkmoore@gswater.com' (rkmoore@gswater.com);
'pcort@earthjustice.org' (pcort@earthjustice.org); 'smartinez@nrdc.org'
(smartinez@nrdc.org); Iwahashi, Miyuki
(/O=PG&E/OU=Corporate/cn=Recipients/cn=MXI8); 'sean.beatty@genon.com'
(sean.beatty@genon.com); 'mpryor@energy.state.ca.us'
(mpryor@energy.state.ca.us); Kelly, Steven (steven@iepa.com); Noger, Rick
(Rick_Noger@praxair.com); Muller, Phillip (PhilM@SCDEnergy.com);
'proceedings@megawatts.com' (proceedings@megawatts.com);
'marilyn@sbesc.com' (marilyn@sbesc.com); 'ronknecht@aol.com'
(ronknecht@aol.com); Mara, Sue (sue.mara@rtoadvisors.com);
'Mark.Tucker@PacifiCorp.com' (Mark.Tucker@PacifiCorp.com);
'mary.wiencke@pacificorp.com' (mary.wiencke@pacificorp.com);
'randy.keller@calenergy.com' (randy.keller@calenergy.com); 'sahm@clean-
coalition.org' (sahm@clean-coalition.org); 'sbailey@semprausgp.com'
(sbailey@semprausgp.com); 'Rachel.McMahon@firstsolar.com'

(Rachel.McMahon@firstsolar.com); 'STomec@CapitalPower.com'
(STomec@CapitalPower.com); 'tlindl@keyesandfox.com'
(tlindl@keyesandfox.com); 'oliviapara@dwt.com' (oliviapara@dwt.com);
'Matthew.Barmack@calpine.com' (Matthew.Barmack@calpine.com);
'sfoley@ggu.edu' (sfoley@ggu.edu); Edmister, Todd
(todd.edmister@bingham.com); 'rfagan@synapse-energy.com' (rfagan@synapse-
energy.com); VanBeek, Patrick (patrick.vanbeek@commercialenergy.net); Mazur,
Michael (mmazur@3PhasesRenewables.com); Greenleaf, Stephen T.
(stephen.t.greenleaf@jpmorgan.com); Wagle, Pushkar
(pushkarwagle@flynnrci.com); 'tam@clean-coalition.org' (tam@clean-
coalition.org); 'martin.kadillak@shell.com' (martin.kadillak@shell.com);
'ynl@cpuc.ca.gov' (ynl@cpuc.ca.gov); 'p.shepard@dgc-us.com' (p.shepard@dgc-
us.com); 'rwilson@synapse-energy.com' (rwilson@synapse-energy.com);
'peter.cavan@pulseenergy.com' (peter.cavan@pulseenergy.com);
'mike.jaske@energy.state.ca.us' (mike.jaske@energy.state.ca.us);
'ndivekar@synapse-energy.com' (ndivekar@synapse-energy.com);
'victor.m.gonzalez@constellation.com' (victor.m.gonzalez@constellation.com)

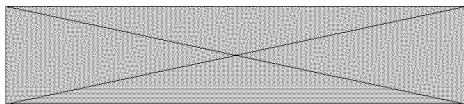
Cc:

Bcc:

Subject: Service in Docket No. R.12-03-014 - Supplemental Testimony of R.Sparks on
Behalf of the California ISO

Attached please find the Supplemental Testimony of Robert Sparks on Behalf of the
California Independent System Operator Corporation.

CALIFORNIA ISO
Legal & Regulatory



The foregoing e-mail communication (together with any attachments) is intended for the designated recipient(s) only. If you feel you received the communication in error please note: it may be confidential, therefore unauthorized use, dissemination, or reproduction of the message is prohibited. Please advise the sender and delete this message from your system. Nothing in this communication is intended to operate as an electronic signature under applicable law unless expressly specified as such.

The foregoing electronic message, together with any attachments thereto, is confidential and may be legally privileged against disclosure other than to the intended recipient. It is intended solely for the addressee(s) and access to the message by anyone else is unauthorized. If you are not the intended recipient of this electronic message, you are hereby notified that any dissemination, distribution, or any action taken or omitted to be taken in reliance on it is strictly prohibited and may be unlawful. If you have received this electronic message in error, please delete and immediately notify the sender of this error.
