

From: Marcel Hawiger

Sent: 1/14/2013 10:01:26 PM

atrowbridge@daycartermurphy.com (atrowbridge@daycartermurphy.com); Bryant, Shonta (shonta.bryant@cpuc.ca.gov); Smith, Bruce T (/O=PG&E/OU=Corporate/cn=Recipients/cn=BTS1); Peck, David B. (david.peck@cpuc.ca.gov); bcragg@goodinmacbride.com (bcragg@goodinmacbride.com); jheckler@levincap.com (jheckler@levincap.com); francis.mcnulty@sce.com (francis.mcnulty@sce.com); mfranco@semprautilities.com (mfranco@semprautilities.com); ESelmon@Jemzar.com (ESelmon@Jemzar.com); John.A.Apgar@Citi.com (John.A.Apgar@Citi.com); Ramaiya, Shilpa R (/o=PG&E/ou=Corporate/cn=Recipients/cn=SRRd); cem@newsdata.com (cem@newsdata.com); case.admin@sce.com (case.admin@sce.com); abb@eslawfirm.com (abb@eslawfirm.com); austin.yang@sfgov.org (austin.yang@sfgov.org); bstrottman@meyersnave.com (bstrottman@meyersnave.com); RPrince@SempraUtilities.com (RPrince@SempraUtilities.com); cjackson@ci.sanbruno.ca.us (cjackson@ci.sanbruno.ca.us); Catherine.Mazzeo@swgas.com (Catherine.Mazzeo@swgas.com); Kotch, Andrew (andrew.kotch@cpuc.ca.gov); SHruby@SempraUtilities.com (SHruby@SempraUtilities.com); angelica.morales@sce.com (angelica.morales@sce.com); Greenacre, Wade (/O=PG&E/OU=Corporate/cn=Recipients/cn=WAG9); anjani.vedula@db.com (anjani.vedula@db.com); William.Westfield@smud.org (William.Westfield@smud.org); Chow, Christopher (christopher.chow@cpuc.ca.gov); Bruno, Kenneth (kenneth.bruno@cpuc.ca.gov); Halligan, Julie (julie.halligan@cpuc.ca.gov); Peleo, Marion (marion.peleo@cpuc.ca.gov); Hietbrink, Kevin (/O=PG&E/OU=Corporate/cn=Recipients/cn=KXHY); filings@a-klaw.com (filings@a-klaw.com); jmalkin@orrick.com (jmalkin@orrick.com); Paull, Karen P. (karen.paull@cpuc.ca.gov); Lindh, Frank (frank.lindh@cpuc.ca.gov); gloria.ing@sce.com (gloria.ing@sce.com); Gruen, Darryl (darryl.gruen@cpuc.ca.gov); douglas.porter@sce.com (douglas.porter@sce.com); Morris, Harvey Y. (harvey.morris@cpuc.ca.gov); JLSalazar@SempraUtilities.com (JLSalazar@SempraUtilities.com); lauren.duke@db.com (lauren.duke@db.com); dmarcus2@sbcglobal.net (dmarcus2@sbcglobal.net); Lee, Kelly C. (kelly.lee@cpuc.ca.gov); DNg@semprautilities.com (DNg@semprautilities.com); Dorman, Elizabeth (elizabeth.dorman@cpuc.ca.gov); kdaly@stinson.com (kdaly@stinson.com); dvanhoogstraten@stinson.com (dvanhoogstraten@stinson.com); jdangelo@catapult-llc.com (jdangelo@catapult-llc.com); Adams, Dionne (/O=PG&E/OU=Corporate/cn=Recipients/cn=DNG6); kfallon@sirfunds.com (kfallon@sirfunds.com); gburke@ap.org (gburke@ap.org); jonathan.arnold@db.com (jonathan.arnold@db.com); jmullan@meyersnave.com (jmullan@meyersnave.com); maguirre@amslawyers.com (maguirre@amslawyers.com); Reiger, J. Jason (Jonathan.Reiger@cpuc.ca.gov); deborah.slon@doj.ca.gov (deborah.slon@doj.ca.gov); kkonolige@bgcpartners.com

(kkonolige@bgcpartners.com); khelmuth@cityofmadera.com
(khelmuth@cityofmadera.com); li@zimmerlucas.com (li@zimmerlucas.com);
Cherry, Brian K (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=BKC7);
Johns, Christopher (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=CPJ2);
Cooke, Michelle (michelle.cooke@cpuc.ca.gov); Wilson, Michelle (Law)
(/O=PG&E/OU=Corporate/cn=Recipients/cn=MLW3); Smith, Bruce T
(/O=PG&E/OU=Corporate/cn=Recipients/cn=BTS1); tlong@turn.org
(tlong@turn.org); Stepanian, Raffy (raffy.stepanian@cpuc.ca.gov);
RegRelCPUCCases
(/O=PG&E/OU=Corporate/cn=Recipients/cn=RegRelCPUCCases);
RegRelCPUCCases
(/O=PG&E/OU=Corporate/cn=Recipients/cn=RegRelCPUCCases); Peck, David B.
(david.peck@cpuc.ca.gov); nes@a-klaw.com (nes@a-klaw.com);
cassandra.sweet@dowjones.com (cassandra.sweet@dowjones.com);
cem@newsdata.com (cem@newsdata.com); jmalkin@orrick.com
(jmalkin@orrick.com); bcragg@goodinmacbride.com
(bcragg@goodinmacbride.com); mdjoseph@adamsbroadwell.com
(mdjoseph@adamsbroadwell.com); abb@eslawfirm.com (abb@eslawfirm.com);
Prosper, Terrie D. (terrie.prosper@cpuc.ca.gov); mchediak@bloomberg.net
(mchediak@bloomberg.net); Bone, Traci (traci.bone@cpuc.ca.gov);
atrowbridge@daycartermurphy.com (atrowbridge@daycartermurphy.com);
austin.yang@sfgov.org (austin.yang@sfgov.org); StephanieC@greenlining.org
(StephanieC@greenlining.org); rvn@a-klaw.com (rvn@a-klaw.com);
ted@PointState.com (ted@PointState.com); Gruen, Darryl
(darryl.gruen@cpuc.ca.gov); rkoss@adamsbroadwell.com
(rkoss@adamsbroadwell.com); wmc@a-klaw.com (wmc@a-klaw.com);
andrewgay@arcassetltd.com (andrewgay@arcassetltd.com);
JLSalazar@SempraUtilities.com (JLSalazar@SempraUtilities.com);
bmcc@mccarthyllaw.com (bmcc@mccarthyllaw.com); Cadenasso, Eugene
(eugene.cadenasso@cpuc.ca.gov); Myers, Richard A. (richard.myers@cpuc.ca.gov);
STomkins@semprautilities.com (STomkins@semprautilities.com); sgs@dcbsf.com
(sgs@dcbsf.com); theresa.mueller@sfgov.org (theresa.mueller@sfgov.org);
service@cforat.org (service@cforat.org); bstrottman@meyersnave.com
(bstrottman@meyersnave.com); RPrince@SempraUtilities.com
(RPrince@SempraUtilities.com); smeyers@meyersnave.com
(smeyers@meyersnave.com); MD7@cpuc.ca.gov (MD7@cpuc.ca.gov);
naaz.khumawala@baml.com (naaz.khumawala@baml.com);
francis.mcnulty@sce.com (francis.mcnulty@sce.com); Yip-Kikugawa, Amy C.
(amy.yip-kikugawa@cpuc.ca.gov); cjackson@ci.sanbruno.ca.us
(cjackson@ci.sanbruno.ca.us); Johnson, Catherine A.
(catherine.johnson@cpuc.ca.gov); Cagen, Robert (robert.cagen@cpuc.ca.gov);
mfranco@semprautilities.com (mfranco@semprautilities.com);
Catherine.Mazzeo@swgas.com (Catherine.Mazzeo@swgas.com); Foss, Travis
(travis.foss@cpuc.ca.gov); Kotch, Andrew (andrew.kotch@cpuc.ca.gov);
mgoldenberg@luminusmgmt.com (mgoldenberg@luminusmgmt.com);
ESelmon@Jemzar.com (ESelmon@Jemzar.com); SHruby@SempraUtilities.com

(SHruby@SempraUtilities.com); mfallon@taloncap.com (mfallon@taloncap.com);
angelica.morales@sce.com (angelica.morales@sce.com);
rajeev.lalwani@morganstanley.com (rajeev.lalwani@morganstanley.com);
stephen.byrd@morganstanley.com (stephen.byrd@morganstanley.com);
anjani.vedula@db.com (anjani.vedula@db.com); thnxvm@gmail.com
(thnxvm@gmail.com); sunny.kwak@macquarie.com
(sunny.kwak@macquarie.com); Wetzell, Mark S. (mark.wetzell@cpuc.ca.gov);
pbattaglia@bcgpartners.com (pbattaglia@bcgpartners.com);
John.A.Apgar@Citi.com (John.A.Apgar@Citi.com); Cherry, Brian K
(/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=BKC7); Jordan, Lise (Law)
(/O=PG&E/OU=Corporate/cn=Recipients/cn=LHJ2); Garber, Stephen (Law)
(/o=PG&E/ou=Corporate/cn=Recipients/cn=SLG0); Cooke, Michelle
(michelle.cooke@cpuc.ca.gov); Lieu, Lisa
(/O=PG&E/OU=Corporate/cn=Recipients/cn=LKL1); Nelson, Nicole
(/O=PG&E/OU=Corporate/cn=Recipients/cn=NRN2); Bruno, Kenneth
(kenneth.bruno@cpuc.ca.gov); Bruno, Kenneth (kenneth.bruno@cpuc.ca.gov);
Halligan, Julie (julie.halligan@cpuc.ca.gov); tlong@turn.org (tlong@turn.org);
tlong@turn.org (tlong@turn.org); Donnelly, Katherine E
(/O=PG&E/OU=Corporate/cn=Recipients/cn=KED6); Seager, Jonathan
(/O=PG&E/OU=Corporate/cn=Recipients/cn=J7Se); RegRelCPUCCases
(/O=PG&E/OU=Corporate/cn=Recipients/cn=RegRelCPUCCases); Peck, David B.
(david.peck@cpuc.ca.gov); nes@a-klaw.com (nes@a-klaw.com); nes@a-klaw.com
(nes@a-klaw.com); filings@a-klaw.com (filings@a-klaw.com);
cem@newsdata.com (cem@newsdata.com); Roberts, Thomas
(thomas.roberts@cpuc.ca.gov); mrw@mrwassoc.com (mrw@mrwassoc.com);
jmalkin@orrick.com (jmalkin@orrick.com); bcragg@goodinmacbride.com
(bcragg@goodinmacbride.com); Paull, Karen P. (karen.paull@cpuc.ca.gov); Paull,
Karen P. (karen.paull@cpuc.ca.gov); mdjoseph@adamsbroadwell.com
(mdjoseph@adamsbroadwell.com); mdjoseph@adamsbroadwell.com
(mdjoseph@adamsbroadwell.com); abb@eslawfirm.com (abb@eslawfirm.com);
Prosper, Terrie D. (terrie.prosper@cpuc.ca.gov); mchediak@bloomberg.net
(mchediak@bloomberg.net); mchediak@bloomberg.net
(mchediak@bloomberg.net); Bone, Traci (traci.bone@cpuc.ca.gov);
martinhomec@gmail.com (martinhomec@gmail.com);
atrowbridge@daycartermurphy.com (atrowbridge@daycartermurphy.com);
austin.yang@sfgov.org (austin.yang@sfgov.org); Tisdale, Matthew
(matthew.tisdale@cpuc.ca.gov); rvn@a-klaw.com (rvn@a-klaw.com); rvn@a-
klaw.com (rvn@a-klaw.com); Colvin, Michael (michael.colvin@cpuc.ca.gov);
ted@PointState.com (ted@PointState.com); ted@PointState.com
(ted@PointState.com); rkoss@adamsbroadwell.com (rkoss@adamsbroadwell.com);
rkoss@adamsbroadwell.com (rkoss@adamsbroadwell.com);
douglas.porter@sce.com (douglas.porter@sce.com); douglas.porter@sce.com
(douglas.porter@sce.com); kfabry@sanbruno.ca.gov (kfabry@sanbruno.ca.gov);
Morris, Harvey Y. (harvey.morris@cpuc.ca.gov); wmc@a-klaw.com (wmc@a-
klaw.com); ray.welch@navigantconsulting.com
(ray.welch@navigantconsulting.com); JLSalazar@SempraUtilities.com

(JLSalazar@SempraUtilities.com); lauren.duke@db.com (lauren.duke@db.com);
lauren.duke@db.com (lauren.duke@db.com); Myers, Richard A.
(richard.myers@cpuc.ca.gov); Myers, Richard A. (richard.myers@cpuc.ca.gov);
jheckler@levincap.com (jheckler@levincap.com); jheckler@levincap.com
(jheckler@levincap.com); STomkins@semprautilities.com
(STomkins@semprautilities.com); sgs@dcbsf.com (sgs@dcbsf.com);
sgs@dcbsf.com (sgs@dcbsf.com); enriqueg@greenlining.org
(enriqueg@greenlining.org); dmarcus2@sbcglobal.net (dmarcus2@sbcglobal.net);
theresa.mueller@sfgov.org (theresa.mueller@sfgov.org); theresa.mueller@sfgov.org
(theresa.mueller@sfgov.org); service@cforat.org (service@cforat.org);
service@cforat.org (service@cforat.org); scott.senchak@decade-llc.com
(scott.senchak@decade-llc.com); scott.senchak@decade-llc.com
(scott.senchak@decade-llc.com); Lee, Kelly C. (kelly.lee@cpuc.ca.gov); Lee, Kelly
C. (kelly.lee@cpuc.ca.gov); grant.kolling@cityofpaloalto.org
(grant.kolling@cityofpaloalto.org); grant.kolling@cityofpaloalto.org
(grant.kolling@cityofpaloalto.org); DNg@semprautilities.com
(DNg@semprautilities.com); DNg@semprautilities.com
(DNg@semprautilities.com); bstrottman@meyersnave.com
(bstrottman@meyersnave.com); RPrince@SempraUtilities.com
(RPrince@SempraUtilities.com); smeyers@meyersnave.com
(smeyers@meyersnave.com); smeyers@meyersnave.com
(smeyers@meyersnave.com); Khosrowjah, Sepideh
(sepideh.khosrowjah@cpuc.ca.gov); gcaldwell@sanbruno.ca.gov
(gcaldwell@sanbruno.ca.gov); naaz.khumawala@baml.com
(naaz.khumawala@baml.com); nsuetake@turn.org (nsuetake@turn.org);
nsuetake@turn.org (nsuetake@turn.org); francis.mculty@sce.com
(francis.mculty@sce.com); Dorman, Elizabeth (elizabeth.dorman@cpuc.ca.gov);
Dorman, Elizabeth (elizabeth.dorman@cpuc.ca.gov);
dweber.nwns@nwnatural.com (dweber.nwns@nwnatural.com); Yip-Kikugawa,
Amy C. (amy.yip-kikugawa@cpuc.ca.gov); kdaly@stinson.com
(kdaly@stinson.com); kdaly@stinson.com (kdaly@stinson.com);
cjackson@ci.sanbruno.ca.us (cjackson@ci.sanbruno.ca.us); Cagen, Robert
(robert.cagen@cpuc.ca.gov); dvanhoogstraten@stinson.com
(dvanhoogstraten@stinson.com); dvanhoogstraten@stinson.com
(dvanhoogstraten@stinson.com); jdangelo@catapult-llc.com (jdangelo@catapult-
llc.com); jdangelo@catapult-llc.com (jdangelo@catapult-llc.com);
margaret@mfelts.com (margaret@mfelts.com); pucservice@dralegal.org
(pucservice@dralegal.org); Tong, Kan Wai (kanwai.tong@cpuc.ca.gov);
mfranco@semprautilities.com (mfranco@semprautilities.com);
Catherine.Mazzeo@swgas.com (Catherine.Mazzeo@swgas.com); Kito, Michele
(michele.kito@cpuc.ca.gov); Foss, Travis (travis.foss@cpuc.ca.gov); Foss, Travis
(travis.foss@cpuc.ca.gov); Kotch, Andrew (andrew.kotch@cpuc.ca.gov);
kfallon@sirfunds.com (kfallon@sirfunds.com); kfallon@sirfunds.com
(kfallon@sirfunds.com); mgoldenberg@luminusmgmt.com
(mgoldenberg@luminusmgmt.com); mgoldenberg@luminusmgmt.com
(mgoldenberg@luminusmgmt.com); Mark.Gall@smud.org (Mark.Gall@smud.org);

ESelmon@Jemzar.com (ESelmon@Jemzar.com); SHruby@SempraUtilities.com (SHruby@SempraUtilities.com); gburke@ap.org (gburke@ap.org); gburke@ap.org (gburke@ap.org); jonathan.arnold@db.com (jonathan.arnold@db.com); mfallon@taloncap.com (mfallon@taloncap.com); mfallon@taloncap.com (mfallon@taloncap.com); angelica.morales@sce.com (angelica.morales@sce.com); Berdge, Patrick S. (patrick.berdge@cpuc.ca.gov); jmullan@meyersnave.com (jmullan@meyersnave.com); jmullan@meyersnave.com (jmullan@meyersnave.com); anjani.vedula@db.com (anjani.vedula@db.com); thnxvm@gmail.com (thnxvm@gmail.com); sunny.kwak@macquarie.com (sunny.kwak@macquarie.com); John.A.Apgar@Citi.com (John.A.Apgar@Citi.com); li@zimmerlucas.com (li@zimmerlucas.com); li@zimmerlucas.com (li@zimmerlucas.com); argay@arcassetltd.com (argay@arcassetltd.com); william.wester@smud.org (william.wester@smud.org); wmc@a-klaw.com (wmc@a-klaw.com); Milon, Oyin (oyin.milon@cpuc.ca.gov); william.wester@smud.org (william.wester@smud.org)

Cc:

Bcc:

Subject: I.12-01-007: Errata to TURN Testimony

Attached please find a) a redline version of the errata version of the direct testimony of Marcel Hawiger on behalf of TURN, and b) a clean version of the same testimony. TURN intends to submit the clean version for admission into evidence during the evidentiary hearings this week.

Please contact the undersigned if you have any problems accessing these documents, or have other questions.

Marcel Hawiger
THE UTILITY REFORM NETWORK
115 Sansome Street, Suite 900
San Francisco, CA 94104
(415) 929-8876 ex. 311
(510) 684-1301 (cell)