

From: Nelson, Nicole

Sent: 4/1/2013 3:12:10 PM

'douglass@energyattorney.com' (douglass@energyattorney.com);  
'kris.vyas@sce.com' (kris.vyas@sce.com); Warner, Christopher (Law  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=CJW5); 'liddell@energyattorney.com'  
(liddell@energyattorney.com); 'matthew@turn.org' (matthew@turn.org);  
'RobertGnaizda@gmail.com' (RobertGnaizda@gmail.com); 'pmiller@nrdc.org'  
(pmiller@nrdc.org); 'ESalustro@semprautilities.com'  
(ESalustro@semprautilities.com); 'rwh@cpuc.ca.gov' (rwh@cpuc.ca.gov);  
'colleen.quinn@chargepoint.com' (colleen.quinn@chargepoint.com);  
'mrw@mrwassoc.com' (mrw@mrwassoc.com); 'kmills@cfbf.com'  
(kmills@cfbf.com); 'case.admin@sce.com' (case.admin@sce.com);  
'CentralFiles@SempraUtilities.com' (CentralFiles@SempraUtilities.com);  
'jmauldin@adamsbroadwell.com' (jmauldin@adamsbroadwell.com);  
'sswaroop@MarinEnergy.com' (sswaroop@MarinEnergy.com);  
'dchia@solarcity.com' (dchia@solarcity.com); 'nlong@nrdc.org' (nlong@nrdc.org);  
To: 'Afaustino@semprautilities.com' (Afaustino@semprautilities.com);  
'SZuretti@seia.org' (SZuretti@seia.org); 'anfanzon@semprautilities.com'  
(anfanzon@semprautilities.com); 'pramod@ces-ltd.com' (pramod@ces-ltd.com);  
'matthew.kevnick@tema.toyota.com' (matthew.kevnick@tema.toyota.com);  
'cameron@tolerableplanet.com' (cameron@tolerableplanet.com);  
'michael.lord@tema.toyota.com' (michael.lord@tema.toyota.com);  
'allan.ward@energy.ca.gov' (allan.ward@energy.ca.gov); RegRelCPUCCases  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=RegRelCPUCCases); Cotroneo,  
Eileen (/O=PG&E/OU=Corporate/cn=Recipients/cn=EFM2); Lucha, Ed  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=ELL5); 'kar@cpuc.ca.gov'  
(kar@cpuc.ca.gov); 'atrowbridge@daycartermurphy.com'  
(atrowbridge@daycartermurphy.com); 'cem@newsdata.com' (cem@newsdata.com);  
'kpp@cpuc.ca.gov' (kpp@cpuc.ca.gov); 'nsuetake@turn.org' (nsuetake@turn.org);  
'jsqueri@goodinmacbride.com' (jsqueri@goodinmacbride.com);  
'jarmstrong@goodinmacbride.com' (jarmstrong@goodinmacbride.com);  
'lmh@eslawfirm.com' (lmh@eslawfirm.com); 'df1@cpuc.ca.gov'  
(df1@cpuc.ca.gov); 'eklebaner@adamsbroadwell.com'  
(eklebaner@adamsbroadwell.com); 'sue.mara@rtoadvisors.com'  
(sue.mara@rtoadvisors.com); 'JWaen@MarinEnergy.com'  
(JWaen@MarinEnergy.com); 'susannah@votesolar.org' (susannah@votesolar.org);  
'alewis@naacoalition.org' (alewis@naacoalition.org); 'aschwartz@solarcity.com'  
(aschwartz@solarcity.com); 'elvine@lbl.gov' (elvine@lbl.gov);  
'JYamagata@SempraUtilities.com' (JYamagata@SempraUtilities.com);  
'fxg@cpuc.ca.gov' (fxg@cpuc.ca.gov); 'am1@cpuc.ca.gov' (am1@cpuc.ca.gov);  
'rs1@cpuc.ca.gov' (rs1@cpuc.ca.gov); 'Susan.Brown@energy.ca.gov'  
(Susan.Brown@energy.ca.gov); 'cg2@cpuc.ca.gov' (cg2@cpuc.ca.gov);  
'Pamela.Doughman@energy.ca.gov' (Pamela.Doughman@energy.ca.gov);  
'carl.blumstein@uc-ciee.org' (carl.blumstein@uc-ciee.org);  
'Laurie.tenHope@energy.ca.gov' (Laurie.tenHope@energy.ca.gov);

'dsl@cpuc.ca.gov' (dsl@cpuc.ca.gov); 'gherrera@energy.state.ca.us'  
(gherrera@energy.state.ca.us); 'erik.stokes@energy.ca.gov'  
(erik.stokes@energy.ca.gov); 'lkelly@energy.ca.gov' (lkelly@energy.ca.gov); Samii,  
LaVerne (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=LMS2); Yura,  
Jane (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=JKY1); Cherry, Brian  
K (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=BKC7); 'tlong@turn.org'  
(tlong@turn.org); Nelson, Nicole  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=NRN2); RegRelCPUCCases  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=RegRelCPUCCases);  
'dbp@cpuc.ca.gov' (dbp@cpuc.ca.gov); Jacobson, Erik B (RegRel)  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=EBJ1); Warner, Christopher (Law)  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=CJW5); Warner, Christopher (Law)  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=CJW5); Bayless, David  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=DPB5); Bayless, David  
(/O=PG&E/OU=Corporate/cn=Recipients/cn=DPB5); 'mrw@mrwassoc.com'  
(mrw@mrwassoc.com); 'kar@cpuc.ca.gov' (kar@cpuc.ca.gov);  
'cem@newsdata.com' (cem@newsdata.com); 'case.admin@sce.com'  
(case.admin@sce.com); 'efr@cpuc.ca.gov' (efr@cpuc.ca.gov); 'wmp@cpuc.ca.gov'  
(wmp@cpuc.ca.gov); 'tjs@cpuc.ca.gov' (tjs@cpuc.ca.gov); 'smk@cpuc.ca.gov'  
(smk@cpuc.ca.gov); 'cmkehrein@ems-ca.com' (cmkehrein@ems-ca.com);  
'sue.mara@rtoadvisors.com' (sue.mara@rtoadvisors.com);  
'Walker.Matthews@sce.com' (Walker.Matthews@sce.com);  
'ATrial@SempraUtilities.com' (ATrial@SempraUtilities.com);  
'HRasool@SempraUtilities.com' (HRasool@SempraUtilities.com);  
'pmiller@nrdc.org' (pmiller@nrdc.org); 'KO'Beirne@semprautilities.com'  
(KO'Beirne@semprautilities.com); 'James.J.Hirsch@gmail.com'  
(James.J.Hirsch@gmail.com); 'steveb@foresthealth.org' (steveb@foresthealth.org);  
'susan.preston@calcefangelfund.com' (susan.preston@calcefangelfund.com);  
'wylier@beutlercorp.com' (wylier@beutlercorp.com); 'sjlarson\_14@msn.com'  
(sjlarson\_14@msn.com); 'Rachel@consciousventuresgroup.com'  
(Rachel@consciousventuresgroup.com); 'rwh@cpuc.ca.gov' (rwh@cpuc.ca.gov);  
'tjglauthier@gmail.com' (tjglauthier@gmail.com); 'mani@cms.caltech.edu'  
(mani@cms.caltech.edu); 'cg2@cpuc.ca.gov' (cg2@cpuc.ca.gov);  
'mjberm@davisenergy.com' (mjberm@davisenergy.com); 'Glascoe1@llnl.gov'  
(Glascoe1@llnl.gov); 'min2@llnl.gov' (min2@llnl.gov); 'neely@llnl.gov'  
(neely@llnl.gov); 'steve@energysec.org' (steve@energysec.org);  
'friedmann2@llnl.gov' (friedmann2@llnl.gov); 'jerry.mix@wattstopper.com'  
(jerry.mix@wattstopper.com); 'edwards2@llnl.gov' (edwards2@llnl.gov);  
'may14@llnl.gov' (may14@llnl.gov); 'anfanzon@semprautilities.com'  
(anfanzon@semprautilities.com); 'burleson1@llnl.gov' (burleson1@llnl.gov);  
'Doug.Kim@sce.com' (Doug.Kim@sce.com); 'kholmes@trane.com'  
(kholmes@trane.com); 'jay@trealestate.net' (jay@trealestate.net);  
'michael@rockwood-consulting.com' (michael@rockwood-consulting.com);  
'mgravely@energy.ca.gov' (mgravely@energy.ca.gov); 'crawford13@llnl.gov'  
(crawford13@llnl.gov); 'jcnichols@semprautilities.com'  
(jcnichols@semprautilities.com); 'prunedal@llnl.gov' (prunedal@llnl.gov);

'mlower@rercnet.org' (mlower@rercnet.org); 'dempsey4@llnl.gov' (dempsey4@llnl.gov); 'kammen@berkeley.edu' (kammen@berkeley.edu); 'grosh1@llnl.gov' (grosh1@llnl.gov); 'cantwell1@llnl.gov' (cantwell1@llnl.gov); 'Edmunds2@llnl.gov' (Edmunds2@llnl.gov); 'Paula.Correa@sce.com' (Paula.Correa@sce.com); 'al4@cpuc.ca.gov' (al4@cpuc.ca.gov); Dasso, Kevin (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=KXD4); Snapper, Greg (/O=PG&E/OU=Corporate/cn=Recipients/cn=G1Sq); Wong, Kevin (GSO) (/O=PG&E/OU=Corporate/cn=Recipients/cn=KWW3); Nelson, Nicole (/O=PG&E/OU=Corporate/cn=Recipients/cn=NRN2); Bhatthal, Swaran (GSO) (/O=PG&E/OU=Corporate/cn=Recipients/cn=s4bw); Grelli, Gary (GSO) (/O=PG&E/OU=Corporate/cn=Recipients/cn=GJG3); Thalman, Jon Eric (/O=PG&E/OU=Corporate/cn=Recipients/cn=JETg); Alvarez, Antonio J (/O=PG&E/OU=Corporate/cn=Recipients/cn=AJA6); Strauss, Todd (/O=PG&E/OU=Corporate/cn=Recipients/cn=TxSq); Sample, James W. (/O=PG&E/OU=Corporate/cn=Recipients/cn=J31K); 'WKeilani@SempraUtilities.com' (WKeilani@SempraUtilities.com); Wong, Elaine (/O=PG&E/OU=Corporate/cn=Recipients/cn=EHW2); 'Gloria.Ing@sce.com' (Gloria.Ing@sce.com); Svoboda, Alva (Merchant) (/O=PG&E/OU=Corporate/cn=Recipients/cn=AJSh); 'michael.hoover@sce.com' (michael.hoover@sce.com); 'wblattner@semprautilities.com' (wblattner@semprautilities.com); Frazier-Hampton, Janice Y (/O=PG&E/OU=Corporate/cn=Recipients/cn=JYF1); Knaebel, Steve J (/O=PG&E/OU=Corporate/cn=Recipients/cn=SJK4); Brown, Rick (GSO) (/O=PG&E/OU=Corporate/cn=Recipients/cn=RCB3); 'will@visageenergy.com' (will@visageenergy.com); 'mrothleder@caiso.com' (mrothleder@caiso.com); 'Walker.Matthews@sce.com' (Walker.Matthews@sce.com); 'Robert.Sherick@sce.com' (Robert.Sherick@sce.com); 'Douglas.Snow@sce.com' (Douglas.Snow@sce.com); Gonzalez, Carlos (/O=PG&E/OU=Corporate/cn=Recipients/cn=C1Gg); Rongere, François (/O=PG&E/OU=Corporate/cn=Recipients/cn=FxRg); Hagan, Christopher (/O=PG&E/OU=Corporate/cn=Recipients/cn=CJHG); 'ATrial@SempraUtilities.com' (ATrial@SempraUtilities.com); 'carl.silsbee@sce.com' (carl.silsbee@sce.com); 'KO'Beirne@semprautilities.com' (KO'Beirne@semprautilities.com); 'WFuller@semprautilities.com' (WFuller@semprautilities.com); 'Randerson@semprautilities.com' (Randerson@semprautilities.com); 'Megan.Mao@sce.com' (Megan.Mao@sce.com); 'Erin.Childs@sce.com' (Erin.Childs@sce.com); 'CMcClelland2@semprautilities.com' (CMcClelland2@semprautilities.com); 'Janos.Kakuk@sce.com' (Janos.Kakuk@sce.com); 'JHolmes@semprautilities.com' (JHolmes@semprautilities.com); 'efrain.gonzalez@sce.com' (efrain.gonzalez@sce.com); 'daryllynn@visageenergy.com' (daryllynn@visageenergy.com); 'SKing@semprautilities.com' (SKing@semprautilities.com); 'CLoutan@caiso.com' (CLoutan@caiso.com); 'aaron.renfro@sce.com' (aaron.renfro@sce.com); 'SMikovits@Sempra.com' (SMikovits@Sempra.com); 'Linda.Letizia@sce.com' (Linda.Letizia@sce.com); 'Juan.Castaneda@sce.com' (Juan.Castaneda@sce.com); 'csames@aga.org'

(csames@aga.org); 'Mike.Gravely@energy.ca.gov' (Mike.Gravely@energy.ca.gov);  
'Richard.Jensen@energy.ca.gov' (Richard.Jensen@energy.ca.gov);  
'Fernando.Pina@energy.ca.gov' (Fernando.Pina@energy.ca.gov); 'SLiu@caiso.com'  
(SLiu@caiso.com); 'Robert.Kennedy@energy.ca.gov'  
(Robert.Kennedy@energy.ca.gov); 'JMerritt@scitor.com' (JMerritt@scitor.com);  
'brian.fitzsimons@qadoenergy.com' (brian.fitzsimons@qadoenergy.com);  
'Arthur.O'Donnell@cpuc.ca.gov' (Arthur.O'Donnell@cpuc.ca.gov);  
'Rachel.MacDonald@energy.ca.gov' (Rachel.MacDonald@energy.ca.gov);  
'Malachi.Weng-Gutierrez@energy.ca.gov' (Malachi.Weng-  
Gutierrez@energy.ca.gov); 'Avtar.Bining@energy.ca.gov'  
(Avtar.Bining@energy.ca.gov); 'Matt.Coldwell@energy.ca.gov'  
(Matt.Coldwell@energy.ca.gov)

Cc:

Bcc:

Subject: California Energy Systems for the 21st Century (CES-21) Program: Board of  
Directors Meeting Notice (April 11, 2013)

**PACIFIC GAS AND ELECTRIC COMPANY (U 39-M), SOUTHERN CALIFORNIA  
EDISON COMPANY (U 338-E), AND SAN DIEGO GAS & ELECTRIC COMPANY (U  
902-M) PROVIDE NOTICE OF A BOARD OF DIRECTORS MEETING REGARDING  
THE CALIFORNIA ENERGY SYSTEMS FOR THE 21<sup>ST</sup> CENTURY (CES-21)  
PROGRAM**

Pacific Gas and Electric Company (PG&E), Southern California Edison Company (SCE), and San Diego Gas & Electric Company (SDG&E) hereby provide notice of a CES-21 Board of Directors Meeting on April 11, 2013. In accordance with Ordering Paragraph 7 of Decision 12-12-031, the CES-21 Board of Director meetings “shall be open to the public and subject to public access in the same way as meetings of other California public agencies”.

CES-21 Board of Directors Meeting

Date: Thursday, April 11, 2013

Time: 9:00 a.m. to 12:00 p.m.

Location: Lawrence Livermore National Laboratory  
Livermore Valley Open Campus - HPC Innovation Center  
Building 6475, Room 1115  
Directions: <https://www.llnl.gov/lvoc/img/MapHPCIC.jpg>

Via Computer: Web Meeting Address: <https://www.webmeeting.att.com>  
Meeting Number(s): 888-684-8852 or 215-446-0155  
ACCESS CODE: 4222732

Via Telephone: USA Toll-Free: 888-684-8852  
USA Caller Paid/International Toll: 215-446-0155  
ACCESS CODE: 4222732

Proposed Agenda:

- Welcome
- Public Comments – 15 min
- Approval of March 19 Board Meeting Minutes – 5 min
- Executive Report – 15 min
- Approval of Business Cases – 60 min
- Approval of Cooperative Research and Development Agreement (CRADA) – 30 min
- Approval of Administrative Budget – 15 min
- CPUC Filing – 15 min

- Adjourn

The documents to be discussed at this Board meeting will be posted on the CES-21 website (<https://ces21.llnl.gov/>).

For anyone wishing to make a public comment, please submit your request to Nicole Nelson ([NRN2@pge.com](mailto:NRN2@pge.com)) by 5:00 p.m. on April 9.

For more information about the CES-21 Project, please visit <https://ces21.llnl.gov/>. Meeting notices and agenda materials will be posted to this site.

Thank you,

Nicole Nelson

PG&E – Case Coordinator

77 Beale Street

San Francisco, CA 94105

Phone: (415) 973-0063