

From: Schultz, Adam  
Sent: 1/16/2013 9:16:36 AM  
To: Redacted  
Cc: Allen, Meredith (/O=PG&E/OU=Corporate/cn=Recipients/cn=MEAe)  
Bcc:  
Subject: FW: Public Workshop Notice: Renewable Distributed Generation (ALL Technologies) Technical Potential

Hi Redacted

We chatted about this briefly, but I wanted to follow up with you.

Do you have anyone in mind at PG&E who may be able to participate in this workshop on Jan 31? We are trying to finalize the agenda, which I'd be happy to share with whomever you have in mind, and I'd like to find a role for the utilities to give a presentation.

One area where it might be worthwhile to have utility input would be to identify and discuss some of the implementation barriers and challenges to recognizing and valuing the locational benefits of distributed generation. It's my understanding that PG&E spoke on this topic at a previous CPUC workshop related to the FIT in 2011.

Thanks,

Adam

**Adam C. Schultz, J.D.** | Renewable Energy Policy & Procurement  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102  
Telephone: 415.703.2692

[Adam.Schultz@cpuc.ca.gov](mailto:Adam.Schultz@cpuc.ca.gov) | [www.cpuc.ca.gov](http://www.cpuc.ca.gov)

**From:** Schultz, Adam

**Sent:** Wednesday, January 09, 2013 4:55 PM

**To:** 'bcrabb@calseia.org'; 'cadowney@cadowneylaw.com'; 'chris.leveriza@glacialenergy.vi'; 'craigermp@gmail.com'; 'douglass@energyattorney.com'; 'ej\_wright@oxy.com'; 'Jean-Claude.Bertet@ladwp.com'; 'jody\_london\_consulting@earthlink.net'; 'jleslie@McKennaLong.com'; 'wynne@braunlegal.com'; 'mgml@pge.com'; 'matthew@turn.org'; 'rick\_noger@praxair.com'; 'blaising@braunlegal.com'; 'stephen.burnage@gmail.com'; 'tam.hunt@gmai.com'; 'tam.hunt@gmail.com'; 'tkirk@cvag.org'; 'TPhillips@TigerNaturalGas.com'; 'wplaxico@sunedison.com'; 'lwisland@ucusa.org'; 'rhardy@hardyenergy.com'; 'Andrew.Luszcz@GlacialEnergy.com'; 'jhowe@fdwt.com'; 'dgulino@ridgewoodpower.com'; 'abraham.silverman@nrgenergy.com'; 'muellerj@conedsolutions.com'; 'rresch@seia.org'; 'jim\_p\_white@transcanada.com'; 'JMeyer@pathfinderwind.com'; 'awilliams@libertypowercorp.com'; 'jkern@bluestarenergy.com'; 'mkuchera@bluestarenergy.com'; 'eszalskowski@cleanlineenergy.com'; 'gretchen.schott@bp.com'; 'angela.gregory@DirectEnergy.com'; 'kb@EnerCalUSA.com'; 'garson.knapp@gexaenergy.com'; 'kara.morgan@tac-denver.com'; 'Thomas.Loquvam@pinnaclewest.com'; 'asmith@tresamigasllc.com'; 'dsaul@pacificsolar.net'; 'pthomsen@ormat.com'; 'GouletCA@email.laccd.edu'; 'kelly.cauvel@build-laccd.org'; 'thall@laccd.edu'; 'npedersen@hanmor.com'; 'd.moss@renewables100.org'; 'mmazur@3PhasesRenewables.com'; 'susan.munves@smgov.net'; 'adam.green@solarreserve.com'; 'mmcdannel@lacs.d.org'; 'igoodman@commerceenergy.com'; 'pssed@adelphia.net'; 'cathy.karlstad@sce.com'; 'kswitzer@gswater.com'; 'cponds@ci.chula-vista.ca.us'; 'mary@solutionsforutilities.com'; 'AMSmith@SempraUtilities.com'; 'DAKing@SempraGeneration.com'; 'fortlieb@sandiego.gov'; 'liddell@energyattorney.com'; 'thomaspcorr@gmail.com'; 'tdarton@pilotpowergroup.com'; 'jturner@energysource.us.com'; 'MarkS@AlohaSys.com'; 'GloriaB@anzaelectric.org'; 'government.affairs@flexenergy.com'; 'phil@reesechambers.com'; 'tam.hunt@gmail.com'; 'andrea.morrison@directenergy.com'; 'tom.wheeler@madera-county.com'; 'Joe.Langenberg@gmail.com'; 'dorth@krcd.org'; 'sue.mara@RTOadvisors.com'; 'mdjoseph@adamsbroadwell.com'; 'dil@cpuc.ca.gov'; 'jeanne.sole@sfgov.org'; 'norman.furuta@navy.mil'; 'nlong@nrdc.org'; 'ebrand@tnc.org'; 'hes@a-klaw.com'; 'bcragg@goodinmacbride.com'; 'jsqueri@goodinmacbride.com'; 'jarmstrong@goodinmacbride.com'; 'nmurray@naturener.net'; 'Rachel.McMahon@firstsolar.com'; 'sdhilton@stoel.com'; 'shong@goodinmacbride.com'; 'VidhyaPrabhakaran@dwt.com'; 'mday@goodinmacbride.com'; 'dhuard@manatt.com'; 'todd.edmister@bingham.com'; 'nicole.shaughnessy@evomarkets.com'; 'jkarp@winston.com'; 'edwardoneill@dwt.com'; 'jeffgray@dwt.com'; 'bobgex@dwt.com'; 'stevegreenwald@dwt.com'

**Subject:** Public Workshop Notice: Renewable Distributed Generation (ALL Technologies) Technical Potential

**To all parties on the service list for R.11-05-005:**

## **Public Workshop Notice: Renewable Distributed Generation (ALL technologies) Technical Potential – Methodologies and Assumptions**

January 31, 2013  
9:30 am – 4:30 pm

California Public Utilities Commission  
505 Van Ness Avenue, Auditorium  
(Corner of Van Ness Avenue and McAllister  
Street)  
**San Francisco**

-

### **SCOPE OF WORKSHOP**

In March 2012, the CPUC published a report developed by consulting firm E3 (Energy+Environmental Economics) titled, “Technical Potential for Local Distributed Photovoltaics in California.” The purpose of this report was to develop a statewide technical resource potential for local distributed PV that took into account, among other things: (a) theoretical resource potential, (b) an assessment and quantification of suitable site locations, (c) an assessment of technology costs, (d) an assessment of available distribution and substation capacity, and (e) a quantification of the locational benefits of distributed PV.

Energy Division staff, working with consultants, seeks to improve the methodologies and assumptions used in this study based on feedback from stakeholders. **Ultimately, Energy Division staff will apply the methodologies and assumptions developed for this study, and vetted at this workshop, to evaluate renewable DG potential statewide for all technologies to inform RPS procurement strategy and resource planning in addition to being used as an input into Long-Term Procurement Planning.**

The purpose of this workshop will be to give stakeholders the opportunity to vet the methodologies and assumptions developed by E3 that were utilized in this study, with a particular emphasis on the quantification of the locational benefits of DG. Energy Division staff is engaging stakeholders in this process before refreshing the study with updated real-world project data collected from the utilities and before apply this methodology and assumptions to an evaluation of all renewable DG technologies later in 2013.

A call-in telephone number and “gotowebinar” URL will be provided along with the workshop agenda and any other supporting documentation to the R.11.05.005 service list approximately 7 to 10 days before the workshop.

For additional information about the workshop, please contact Adam Schultz at [adam.schultz@cpuc.ca.gov](mailto:adam.schultz@cpuc.ca.gov) or by phone at 415-703-2692.

### **BACKGROUND**

See the March 2012, “Technical Potential for Local Distributed Photovoltaics in California” study developed by E3:

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