

From: Gupta, Alope
Sent: 5/30/2014 10:02:29 AM
To: ainfanzon@semprautilities.com (ainfanzon@semprautilities.com);
sarah.vancleve@sce.com (sarah.vancleve@sce.com); Jacobson, Erik B (RegRel)
(/O=PG&E/OU=Corporate/cn=Recipients/cn=EBJ1);
HRasool@SempraUtilities.com (HRasool@SempraUtilities.com); [Redacted]
(/O=PG&E/OU=Corporate/cn=Recipients/cn=JaY2); dhaval.dagli@sce.com
(dhaval.dagli@sce.com); [Redacted]
[Redacted] [Redacted]
Maura.Farver@sce.com
(Maura.Farver@sce.com)
Cc:
Bcc:
Subject: RE: SPA 6/2 workshop - agenda prep

Hello,

I forgot to mention in my recap summary below something I had already mentioned earlier.

So again, as part of the first topic, I would like to address the “commercially available”, “technologically viable” terms (see scoping memo, supplemental Qs).

Presumably you have discussed these terms internally and develop some screening criteria for applying them. I would like have someone on IOU side volunteer to flesh out these concepts, at least in terms of how IOUs would evaluate offers with respect to readiness & viability. You could perhaps prepare a slide or two on this to present them at the workshop to facilitate discussion / feedback. Alternatively, be prepared to at least explain verbally without slides and I could call on all three.

Please let me know your preference.

Alope Gupta

Energy Division

California Public Utilities Commission

O: 415.703.5239
aloke.gupta@cpuc.ca.gov

From: Gupta, Alope

Sent: Wednesday, May 28, 2014 3:50 PM

To: 'Sarah.VanCleve@sce.com'; 'ainfanzon@SempraUtilities.com'; [Redacted]
'Dhaval.Dagli@sce.com'; 'HRasool@SempraUtilities.com'; [Redacted] 'Maura.Farver@sce.com';
[Redacted] 'ebj1@pge.com'

Subject: RE: SPA 6/2 workshop - agenda prep

To clarify the point re the CESA memo, if I receive it and then forward it to you, it would strictly be as an FYI. The memo content may or may not align with the scope of the workshop. There is no expectation here that you have to respond to everything in the memo itself. But the memo may give you an heads up on what is likely to come up with respect to the in scope workshop topics.

Alope Gupta

Energy Division

California Public Utilities Commission

O: 415.703.5239
aloke.gupta@cpuc.ca.gov

From: Gupta, Alope

Sent: Wednesday, May 28, 2014 12:24 PM

To: 'Sarah.VanCleve@sce.com'; 'ainfanzon@SempraUtilities.com'; [Redacted]
'Dhaval.Dagli@sce.com'; 'HRasool@SempraUtilities.com'; [Redacted] 'Maura.Farver@sce.com';
[Redacted] 'ebj1@pge.com'

Subject: RE: SPA 6/2 workshop - agenda prep

Just want to recap the workshop plan and your role in it.

There are 3 planned topics (assume about 2 hrs each, lunch 12-1), in the following order:

1. ES definitions
2. RFO procurement requirements
3. Evaluation protocols

I will be sending out a "discussion paper" soon which should give you enough to prep. For now, here is a heads up.

on the first item, I will lead the discussion based on the content in the paper.

As the last sub-topic on this segment of the workshop, I would like to address the "commercially available", "technologically viable" terms (see scoping memo, supplemental Qs) more specifically.

Hopefully you have discussed these terms internally and developed some screening criteria for applying them. I would like to request that someone on IOU side volunteer to flesh out these concepts at the workshop, at least in terms of how IOUs would evaluate offers with respect to readiness/viability. You could perhaps prepare a slide or two on this to present at the workshop to facilitate discussion / feedback. Alternatively, be prepared to at least explain verbally without slides and I could call on all three.

=>Please let me know how you would like to handle this part.

Re second item, I will use the IOU slides from 3/14 workshop and open up for questions /comments re changes or modifications. You should be prepared to respond with requested clarifications or whether or not the suggested change could be considered or what issues are associated with the idea.

For this portion, I may ask three of you to sit on the stage (assuming we can arrange a table with mikes at the new location).

Re third item, I have asked a few parties (CESA definite and may be Sierra, Clean Coalition) to prepare a summary of what changes they would like to see (the key ideas should already be in their protests). You may want to have someone from the IOU side prepared to explain how the suggested benefits are already addressed in the current proposal or be open to consider changes if appropriate. You can re-use the slides from 3/14 workshop (I will have them available), or bring a new set to address points already raised by parties in their protests (you can provide the slides on Mon on flash drive).

Finally, CESA is already preparing some comments re the workshop topics and they have agreed to share that in advance with the IOUs. I will forward the memo when I receive it.

Again, the objective is information exchange to clear up parties understanding of the IOU applications and reach consensus where easily possible. Parties will of course have opportunity to make formal comments on the record after the workshop as directed in the scoping memo issued by the ALJ yesterday.

Let me know if you any questions or thoughts on this.

Aloke Gupta

Energy Division

California Public Utilities Commission

O: 415.703.5239

aloke.gupta@cpuc.ca.gov

From: Gupta, Alope

Sent: Wednesday, May 28, 2014 9:45 AM

To: 'Sarah.VanCleve@sce.com'

Cc: 'ainfanzon@SempraUtilities.com'; [Redacted] 'Dhaval.Dagli@sce.com';
'HRasool@SempraUtilities.com'; [Redacted] Maura.Farver@sce.com'; [Redacted]
'ebj1@pge.com'

Subject: RE: SPA 6/2 workshop - agenda prep

As part of the first topic, we would like to address the “commercially available”, “technologically viable” terms (see scoping memo, supplemental Qs).

Have any of you discussed these terms internally and develop some screening criteria for applying them? I would like to request that someone on IOU side volunteer to flesh out these concepts, at least in terms of how IOUs would evaluate offers with respect to readiness/viability. You could perhaps prepare a slide or two on this to present them at the workshop to facilitate discussion / feedback. Alternatively, be prepared to at least explain verbally without slides and I could call on all three.

Please let me know.

Alope Gupta

Energy Division

California Public Utilities Commission

O: 415.703.5239

aloke.gupta@cpuc.ca.gov

From: Gupta, Alope

Sent: Tuesday, May 27, 2014 4:31 PM

To: 'Sarah.VanCleve@sce.com'

Cc: ainfanzon@SempraUtilities.com; [Redacted] Dhaval.Dagli@sce.com;

HRasool@SempraUtilities.com; [Redacted] Maura.Farver@sce.com; [Redacted]

Subject: RE: SPA 6/2 workshop - agenda prep

I only talked to folks on Fri about the eval topic; so I don't really have anything from them. If I do get something, I will forward.

In the meantime, I meant referring to the earlier slides to the extent that you think the proposed change is already addressed in those slides. It may not be a bad idea to at least prep some new materials/slides to the extent the eval issues were discussed by parties in their protests and the IOU replies.

Also, you should have seen the scoping memo by now on the service list.

Aloke Gupta

Energy Division

California Public Utilities Commission

O: 415.703.5239
aloke.gupta@cpuc.ca.gov

From: Sarah.VanCleve@sce.com [mailto:Sarah.VanCleve@sce.com]

Sent: Tuesday, May 27, 2014 3:27 PM

To: Gupta, Aloke

Cc: ainfanzon@SempraUtilities.com; [Redacted] Dhaval.Dagli@sce.com;

HRasool@SempraUtilities.com; [Redacted] Maura.Farver@sce.com; [Redacted]

Subject: Re: SPA 6/2 workshop - agenda prep

Thanks, Aloke. We really appreciate the advanced notice.

Overall, I think your approach to the workshop makes sense, except I am slightly confused about the approach for the evaluation protocols. We will certainly be ready to speak to the evaluation concerns listed in parties' protests, but it sounds like you may be looking for us to prepare slides in addition to what we presented at the March workshop (I don't think it makes sense for us to present the same material). If you would like the utilities to prepare new material, it may be most organized for the utilities to respond directly to the consolidated list of evaluation protocol changes that you said other parties are

preparing. If you send us that list then the utilities' can prepare material that goes point by point saying why we agree to disagree with the proposed changes.

Let me know what you think.

Sarah Van Cleve | Regulatory Policy | Southern California Edison Company
2244 Walnut Grove Ave | Rosemead, CA 91770 | O: (626) 302-3255 | M: (609) 638-6992

From: "Gupta, Alope" <aloke.gupta@cpuc.ca.gov>
To: "Sarah.VanCleve@sce.com" <Sarah.VanCleve@sce.com>, "Maura.Farver@sce.com" <Maura.Farver@sce.com>, "Dhaval.Dagli@sce.com" <Dhaval.Dagli@sce.com>, [Redacted], [Redacted], [Redacted], [Redacted], "ainfanzon@SempraUtilities.com" <ainfanzon@SempraUtilities.com>, "HRasool@SempraUtilities.com" <HRasool@SempraUtilities.com>,
Date: 05/27/2014 12:38 PM
Subject: SPA 6/2 workshop - agenda prep

IOU Storage Teams:

This is to discuss agenda for 6/2 workshop. As the notice below indicates, there are 3 planned topics (assume about 2 hrs each, lunch 12-1), in the following order:

1. ES definitions
2. RFO procurement requirements
3. Evaluation protocols

I will be sending out a "discussion paper" tomorrow which should give you enough to prep. For now, here is a heads up.

I will lead discussion on the first item based on the content in the paper.

Re second item, I will use the IOU slides from 3/14 workshop and open up for questions /comments re changes or modifications. You should be prepared to respond with requested clarifications or whether or not the suggested change could be considered or what issues are associated with the idea.

Re third item, I have asked a few parties to prepare a summary of what changes they would like to see (the key ideas should already be in their protests). You may want to have someone from the IOU side prepared to explain how the suggested benefits are already addressed in the current proposal or be open to consider changes if appropriate. You can re-use the slides from 3/14 workshop (I will have them available), or bring a new set (let me know if you plan to do this).

Objective is information exchange to clear up parties understanding of the applications and reach consensus where easily possible. Parties will of course have opportunity to make formal comments on the record after the workshop as directed in the scoping memo to be released by the ALJ soon.

Let me know if you some questions or thoughts on this.

Aloke Gupta

Energy Division

California Public Utilities Commission

O: 415.703.5239

aloke.gupta@cpuc.ca.gov

From: Gupta, Alope

Sent: Friday, May 23, 2014 1:05 PM

To: 'liddell@energyattorney.com'; 'felicia.bellows@torresolenergy.com';
'JWaeen@mceCleanEnergy.org'; 'JLeslie@McKennaLong.com'; 'knakatani@calhrc.org';
'ksoutherland@tas.com'; 'LManz@viridityenergy.com'; 'mrh2@pge.com'; 'matthew@turn.org';
'SLowe@EagleCrestEnergy.com'; 'tdarton@pilotpowergroup.com'; 'cpuc@primuspowers.com';
'whitney@clean-coalition.org'; 'proceedings@psrec.coop'; 'lwisland@ucsusa.org';
'ehsieh@a123systems.com'; 'mike_windpower@yahoo.com'; 'AKaplan@BrownRudnick.com';
'rick_noger@praxair.com'; 'Glennbenson@dwt.com'; 'MbeLively@aol.com'; 'kimjohnson@ebarton.com';
'lflowers111@gmail.com'; 'cpacc@calpine.com'; 'abrown@xtremepower.com'; 'karlk@dietzedavis.com';
'jserfass@californiahydrogen.org'; 'info@3PhasesRenewables.com'; 'adam.green@solarreserve.com';
'lgoodman@CommerceEnergy.com'; 'douglass@energyattorney.com'; 'cathy.karlstad@sce.com';
'rkmoore@gswater.com'; 'Hal@AltonEnergy.com'; 'KSEngineers@aol.com'; 'daking@semprausgp.com';
'ATrial@SempraUtilities.com'; 'gbass@noblesolutions.com'; 'epetersen@demand-energy.com';
'gotschall@ti-sd.com'; 'GloriaB@anzaelectric.org'; 'ames_doug@yahoo.com';
'tmason@gravitypower.net'; 'andrea.morrison@directenergy.com'; 'mtierney-lloyd@enernoc.com';
'dorth@krcd.org'; 'willem.fadrhonc@stem.com'; 'proceedings@megawattsf.com';
'mdjoseph@adamsbroadwell.com'; 'jeanne.sole@sfgov.org'; 'njohnson@consumercal.org'; 'nes@a-
klaw.com'; 'toconnor@edf.org'; 'BCragg@GoodinMacbride.com'; 'JArmstrong@GoodinMacBride.com';
'sdhilton@stoel.com'; 'vidhyaprabakaran@dwt.com'; 'wrostov@earthjustice.org'; 'ssmyers@att.net';
'Rita.Liotta@navy.mil'; 'BarmackM@calpine.com'; 'dschlosberg@brightsourceenergy.com';
'roger@cbeal.com'; 'TLindl@kfwlaw.com'; 'dmoglen@foe.org'; 'gmorris@emf.net';
'tomb@crossborderenergy.com'; 'TMcRae@svlg.org'; 'jfortune@sunverge.com'; 'dkates@sonic.net';
'dkk@eslawfirm.com'; 'abb@eslawfirm.com'; 'Rachel@largescalesolar.org'; 'dansvec@hdo.net';
'jack@casaraquel.com'; 'virinder.singh@edf-re.com'; 'tomm@1energysystems.com';
'cwcollar@snopud.com'; 'agassner@enbala.com'; 'mary.hemmingsen@brookfieldpower.com';
'afreifeld@viridityenergy.com'; 'acoggins@strategen.com'; 'mehta.associates@ymail.com';
'rfo@sovereignenergy.net'; 'clamasbabbini@comverge.com'; 'RegRelCPUCCases@pge.com';
'CaliforniaDockets@pacificcorp.com'; 'david@nemtzow.com'; 'Diane.Fellman@nrgenergy.com';
'dadams@viridityenergy.com'; 'Ekelly@mceCleanEnergy.org'; 'eric@ethree.com'; 'eric@ethree.com';
'Erin.Grizard@BloomEnergy.com'; 'ecl8@pge.com'; 'klatt@energyattorney.com'; 'janmcfar@sonic.net';
'jkopyciok@energy-solution.com'; 'jLin@strategen.com'; 'jspilman@gridflexenergy.com';
'janderson@viridityenergy.com'; 'klr@a-klaw.com'; 'sahm@clean-coalition.org';
'lwhouse@innercite.com'; 'margaret.miller@brookfieldrenewable.com'; 'maryhoffmanRE@gmail.com';
'regulatory@mceCleanEnergy.org'; 'mpf@stateside.com'; 'michael.stelts@panasonic.com';
'nate.sandvig@enxco.com'; 'nellie.tong@dnvkema.com'; 'nsuetake@turn.org';
'n.davidson@renewableanalytics.com'; 'pcarson@energycentral.com'; 'usappk@gmaii.com';
'Rachel@ConsciousVenturesGroup.com'; 'rspolek@besciences.com'; 'Richard.S.Flood@jci.com';
'blaising@braunlegal.com'; 'sean.beatty@nrgenergy.com'; 'sephra.ninow@energycenter.org';
'sswaroop@mceCleanEnergy.org'; 'eddyconsulting@gmail.com'; 'yoonha@nexcontech.com';
'Steph@Clean-Coalition.org'; 'sdavis@knggrid.com'; 'SZuretti@seia.org'; 'Sxpg@pge.com';
'tculley@kfwlaw.com'; 'ttutt@smud.org'; 'TJS@cyp-res.com'; 'WJKeese@aol.com';
'DWTcpucDockets@dwt.com'; 'mrw@mrwassoc.com'; 'michelle.d.grant@dynegy.com';
'spauker@wsgr.com'; 'tam@communityrenewables.biz'; 'steve.eckert@BrookfieldPower.com'; 'JJudson-
mcqueeney@ces-ltd.com'; 'yu@beaconpower.com'; 'Berlinski@BeaconPower.com';
'AAmirali@starwood.com'; 'agay@carlsoncapital.com'; 'steven.huhman@morganstanley.com';
'greencowboysdf@gmail.com'; 'khojasteh.davoodi@navy.mil'; 'larry.r.allen@navy.mil';

'praveen.kathpal@aes.com'; 'Capp@GridStorageConsulting.com'; 'tsiebert@zbbenergy.com';
'skincaid@makerscapital.com'; 'rokeefe@xtremepower.com'; 'NODonovan@LREnergy.com';
'mdetsky@dietzedavis.com'; 'tandrews@calmac.com'; 'jbryan@codaenergy.com';
'msloustcher@codaelectric.com'; 'maya@cbecal.org'; 'ddivine@eaglecrestenergy.com';
'anadelia.chavarria@edisonintl.com'; 'case.admin@sce.com'; 'Nancy.Allred@sce.com';
'word@altonenergy.com'; 'wtorre@ucsd.edu'; 'sbailey@semprausgp.com'; 'art@ucan.org';
'marcie.milner@shell.com'; 'JFriderichs@pilotpowergroup.com'; 'mmiddleton@pilotpowergroup.com';
'cecilia.aguillon@kyocera.com'; 'CentralFiles@SempraUtilities.com'; 'CSummers@SempraUtilities.com';
'HRasool@SempraUtilities.com'; 'TCSaile@SempraUtilities.com'; 'Doug.Hackley@Calenergy.com';
'CatherineSullivan@yahoo.com'; 'cgrieco@launchpnt.com'; 'CalConsumersAlliance@gmail.com'; 'ek@a-
klaw.com'; 'SDeb@EnergyOnLine.com'; 'sreineccius@gmail.com'; 'sue.mara@RTOadvisors.com';
'jmauldin@adamsbroadwell.com'; 'BAdams@EnerVault.com'; 'C5SE@pge.com'; 'd2pa@pge.com';
'filings@a-klaw.com'; 'lgk2@pge.com'; 'matt.vespa@SierraClub.org'; 'SRH1@pge.com';
'WAG9@pge.com'; 'dbehles@ggu.edu'; 'waltnerlaw@gmail.com'; 'aadeyeye@earthjustice.org';
'MSomogyi@GoodinMacBride.com'; 'monica.schwebs@bingham.com'; 'NThakar@PerkinsCoie.com';
'oliviapara@dwt.com'; 'rvillarreal@earthjustice.org'; 'f.schubert@renewableanalytics.com';
'irene@igc.org'; 'cem@newsdata.com'; 'yaron@voltmetrix.com'; 'MeganMMyers@yahoo.com';
'dan.patry@recurrentenergy.com'; 'john.cummins@navy.mil'; 'bkc7@pge.com'; 'EFM2@pge.com';
'mrgg@pge.com'; 'erica@sei-innovation.com'; 'aschwartz@solarcity.com'; 'dchia@solarcity.com';
'chris_king@siemens.com'; 'farshid.arman@siemens.com'; 'kowalewskia@calpine.com'; 'cpuc-
r1012007@olivineinc.com'; 'david@ceert.org'; 'Krieger@pseHealthyEnergy.org';
'mharamati@opiniondynamics.com'; 'aghenis@storagealliance.org'; 'andykatz@sonic.net';
'ericg@votesolar.org'; 'toguain@lightsail.com'; 'nrader@calwea.org'; 'aviramontes@lbl.gov';
'juliettea7@aol.com'; 'sarah.keane@bingham.com'; 'william.kissinger@bingham.com';
'jennifer.anne.chamberlin@jci.com'; 'sean.kagiyama@nedosv.org'; 'paul.stith@greenonramp.com';
'berlin@susieberlinlaw.com'; 'martinc@mid.org'; 'joyw@mid.org'; 'dgrandy@caonsitegen.com';
'jderosa@ces-ltd.com'; 'jsanders@caiso.com'; 'pmaxwell@navigantconsulting.com';
'pklauder@caiso.com'; 'e-recipient@caiso.com'; 'brian.theaker@nrgenergy.com';
'francis.taylor@enersys.com'; 'dhawkins3@mac.com'; 'ddavie@wellhead.com'; 'acsmith@stoel.com';
'Amber@iepa.com'; 'shears@ceert.org'; 'kdw@woodruff-expert-services.com'; 'steven@iepa.com';
'tderivi@scppa.org'; 'rl@eslawfirm.com'; 'lmh@eslawfirm.com'; 'kevin.snyder@hdrinc.com';
'atrowbridge@daycartermurphy.com'; 'ehadley@reupower.com'; 'cpuc@libertyutilities.com';
'whholmes@stoel.com'; 'mary.wiencke@pacificorp.com'; 'Jim.Hicks@state.or.us';
'pjanderson@perkinscoie.com'; 'alspangler@snopud.com'; 'shaun.logue@brookfieldrenewable.com';
Lee, Audrey; 'Fernando.Pina@energy.ca.gov'; 'jamie.patterson@energy.ca.gov';
'johann.karkheck@energy.ca.gov'; 'White, Keith D.'; 'kiel.pratt@energy.ca.gov';
'merideth.sterkel@cpuc.ca.gov'; Minkus, Michael J.; 'aw3@cpuc.ca.gov'; 'ag2@cpuc.ca.gov';
'ayk@cpuc.ca.gov'; 'ao1@cpuc.ca.gov'; 'clu@cpuc.ca.gov'; 'crv@cpuc.ca.gov'; 'cek@cpuc.ca.gov';
'dbp@cpuc.ca.gov'; 'dsc@cpuc.ca.gov'; 'eim@cpuc.ca.gov'; 'fxg@cpuc.ca.gov'; 'jls@cpuc.ca.gov';
'jmk@cpuc.ca.gov'; 'jf2@cpuc.ca.gov'; 'kar@cpuc.ca.gov'; 'lms@cpuc.ca.gov'; 'mvc@cpuc.ca.gov';
'psd@cpuc.ca.gov'; 'rmm@cpuc.ca.gov'; 'rl4@cpuc.ca.gov'; 'svn@cpuc.ca.gov'; 'tcr@cpuc.ca.gov';
'wmp@cpuc.ca.gov'; 'zz1@cpuc.ca.gov'; 'wtr@cpuc.ca.gov'; 'abining@energy.state.ca.us'

Subject: CPUC Storage Workshop on June 2 - Meeting Details

Greetings, Parties to the A.14-02-006 Storage Procurement Proceeding:

Please note additional details re phone bridge, webcast, and the expanded scope and schedule below.
Again, this is a publicly noticed CPUC workshop and is open to the public; thus **NO advance RSVP or reservations are required to attend this workshop.**

Also note that the location of the workshop is different from the usual CPUC auditorium and is instead about 1.5 blocks east of CPUC at 455 Golden Gate.

We will be releasing an more detailed agenda with schedule next week. A "Staff Discussion Paper" will also be available by middle of next week to help parties prepare for the workshop.

Look forward to your participation.

Regards,
Aloke Gupta

Energy Division

California Public Utilities Commission

O: 415.703.5239

aloke.gupta@cpuc.ca.gov

Workshop on IOU Energy Storage Procurement Applications

<i>Date: June 2, 2014</i>	<i>Hiram W. Johnson State Office</i>
<i>Time: 9:30 am – 5</i>	<i>Building</i>
<i>pm</i>	<i>Milton Marks Auditorium</i>
	<i>455 Golden Gate Avenue</i>
	<i>(Corner of Polk and Golden Gate</i>
	<i>Avenue)</i>
	<i>San Francisco, CA 94102</i>

As directed in the PHC for the Energy Storage Procurement proceeding (A.14-02-006), the Energy Division will host a workshop on Monday June 2, 2014. The scope of the workshop includes: 1) energy storage definitions, 2) evaluation protocols, and 3) procurement/RFO requirements. Participation details are provided below. For addition information, please contact Aloke Gupta, Email: aloke.gupta@cpuc.ca.gov. Ph: 415-703-5239.

To participate online:

Go to <https://van.webex.com/van/j.php?MTID=m812bd49243b83c7ff3ad40ac405c4513>

Meeting Number: 747 731 159

Meeting Password: storage

To participate by phone^:

Call-in: 866-687-1443

Participant passcode: 1186966#

^This will be a listen-only line

To participate in person*:

Hiram W. Johnson State Office Building

Milton Marks Auditorium

455 Golden Gate Avenue

(Corner of Polk and Golden Gate Avenue)

San Francisco, CA 94102

****Note 1: Please allow extra time to get through the security clearance in the lobby.***

****Note 2: There is no public wifi available in the auditorium.***