

From: [Redacted]  
Sent: 3/10/2010 12:33:16 PM  
Lai, Peter (peter.lai@cpuc.ca.gov); Ramaiya, Shilpa R (/o=PG&E/ou=Corporate/cn=Recipients/cn=SRRd); ABesa@SempraUtilities.com (ABesa@SempraUtilities.com); don.arambula@sce.com (don.arambula@sce.com);  
To: [Redacted]  
darren.hanway@sce.com (darren.hanway@sce.com); EKirchhoff@semprautilities.com (EKirchhoff@semprautilities.com); CHarmstead@semprautilities.com (CHarmstead@semprautilities.com); [Redacted]  
[Redacted]  
marian.brown@sce.com (marian.brown@sce.com); shahana.samiullah@sce.com (shahana.samiullah@sce.com); KMcKinley@semprautilities.com (KMcKinley@semprautilities.com); Kevin Madison [Redacted]  
Wyatt, Jim (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=JAWB); LSidibe@semprautilities.com (LSidibe@semprautilities.com); [Redacted]  
[Redacted]  
Matthew.Evans@sce (Matthew.Evans@sce.com); Jeff Hirsch [Redacted]; Martin.Vu@sce.com (Martin.Vu@sce.com); Paul Reeves [Redacted]; KValenzuela@semprautilities.com (KValenzuela@semprautilities.com); [Redacted]  
[Redacted]  
[Redacted] Tapawan-Conway, Zenaida G. (zenaida.tapawan-conway@cpuc.ca.gov); steve.galanter@sce.com (steve.galanter@sce.com); Walsh, Natalie (natalie.walsh@cpuc.ca.gov); Steven.Long@sce.com (Steven.Long@sce.com)  
Cc: [Redacted]  
Bcc:  
Subject: RE: Non-DEER Meeting Wednesday's Agenda

Peter - can you help us better understand the fixes vs the updates. When I read the document entitled "Jan2010 DEER Measure Database Update - v3.pdf" I found the section pasted below that describes the fixes. Is that the only documentation? Is there some details on the impact of the fixes? Is there some way to show a comparison of just the fixes?

Thank You!

## DOE2.2 bug fixes

These changes to the measure analysis software tool were prompted by an update to the DOE2.2 simulation engine that is used in the DEER MAS tool. The following fixes were

identified as having some impact on the DEER measure results; there may be other bug fixes included in the update of the DOE2.2 simulation engine that do not affect the DEER results.

- Fix that affects the outside air volume associated with duct leakage: this mainly impacts the mobile home duct measures but has a small effect on the singlefamily and multi-family prototypes as well. DOE2.2 was previously over accounting for outside make-up air associated with duct losses to unconditioned spaces (in both base and measure cases). Non-commercial buildings were not impacted by this fix.
- Fix regarding default minimum heating flow rates. In some cases, the default zone minimum heating flow rate did not default to the system minimum heating flow rate as was intended. The impact of this fix on the DEER results is minor.

----- Original Message -----

**From:** [Lai, Peter](#)

**To:** [Ramaiya, Shilpa R](#); [Redacted](#) [abesa@semprautilities.com](#); [Redacted](#)  
[Redacted](#) [CHarmstead@semprautilities.com](#); [Darren.Hanway@sce.com](#); [Don.Arambula@sce.com](#); [EKirchhoff@semprautilities.com](#); [Redacted](#)  
[Redacted](#) [Jeff Hirsch](#); [Kevin Madison](#); [KMcKinley@semprautilities.com](#); [Redacted](#)  
[Redacted](#) [KValenzuela@semprautilities.com](#); [LSidibe@semprautilities.com](#); [Marian.Brown@sce.com](#); [markmcnulty@sbcglobal.net](#); [Martin.Vu@sce.com](#); [Matthew.Evans@sce](#); [Redacted](#)  
[Redacted](#) [Paul Reeves](#); [Shahana.Samiullah@sce.com](#); [Redacted](#)  
[Redacted](#) [Steve.Galanter@sce.com](#); [Steven.Long@sce.com](#); [Walsh, Natalie](#); [Tapawan-Conway, Zenaida G.](#)

**Cc:** [Redacted](#)

**Sent:** Wednesday, March 10, 2010 12:00 PM

**Subject:** RE: Non-DEER Meeting Wednesday's Agenda

Hi All,

It would be in best interest to talk about these proposed limited fixes today so that we can forge ahead. Have you all had an opportunity to review the documentation provided? Let's not forget, if there is not a consensus to incorporate the fixes and add the new lighting measures, then it will not be done.

Peter

**From:** Ramaiya, Shilpa R [mailto:SRRd@pge.com]  
**Sent:** Wednesday, March 10, 2010 11:50 AM  
**To:** Lai, Peter; [Redacted] abesa@semprautilities.com; [Redacted]  
[Redacted] CHarmstead@semprautilities.com; Darren.Hanway@sce.com;  
Don.Arambula@sce.com; EKirchhoff@semprautilities.com; [Redacted]  
[Redacted] Jeff Hirsch; Kevin Madison; KMcKinley@semprautilities.com; [Redacted]  
KValenzuela@semprautilities.com; LSidibe@semprautilities.com;  
Marian.Brown@sce.com; markmcnulty@sbcglobal.net; Martin.Vu@sce.com;  
Matthew.Evans@sce; [Redacted] Paul Reeves; Shahana.Samiullah@sce.com; [Redacted]  
[Redacted] Ramaiya, Shilpa R; Steve.Galanter@sce.com;  
Steven.Long@sce.com; Walsh, Natalie; Ramaiya, Shilpa R; Tapawan-Conway, Zenaida  
G.  
**Cc:** [Redacted]  
**Subject:** RE: Non-DEER Meeting Wednesday's Agenda

Peter,

Per my email this morning, we're not prepared to talk about new DEER or the related workbooks (Agenda item 1). Let's focus on moving forward on non-DEER until our management hears from Julie on the issue.

Thanks!

Shilpa

**From:** Lai, Peter [mailto:PPL@cpuc.ca.gov]  
**Sent:** Wednesday, March 10, 2010 7:25 AM  
**To:** abesa@semprautilities.com; [Redacted]  
CHarmstead@semprautilities.com; Darren; Don.Arambula@sce.com;  
EKirchhoff@semprautilities.com; [Redacted] Jeff Hirsch; Kevin  
Madison; KMcKinley@semprautilities.com; [Redacted]  
KValenzuela@semprautilities.com; LSidibe@semprautilities.com;  
Marian.Brown@sce.com; markmcnulty@sbcglobal.net; Martin.Vu@sce.com;  
Matthew.Evans@sce; Wan, Mike; Paul Reeves; Shahana.Samiullah@sce.com; [Redacted]  
[Redacted] Ramaiya, Shilpa R; Steve.Galanter@sce.com;  
Steven.Long@sce.com; Tapawan-Conway, Zenaida G.; Walsh, Natalie  
**Cc:** [Redacted]  
**Subject:** Non-DEER Meeting Wednesday's Agenda

## ED-Utilities

### Non-DEER Review Meeting

Wednesday, March 10, 2010, 3:30-5:00 PM

Call-in No: [Redacted]

Participant code: [Redacted]

## Agenda

1. DEER fixes/corrections
2. Development of guidelines such as baselines
3. Non-Disclosure Agreement
4. Utility custom applications submission to ED procedure