

RA Framework Workshops\_ 2) Structural Elements-20211006\_100625-Meeting Recording

Message List

October 6, 2021

[10:07 AM] Wan, Lisa

Reminders: This meeting is being recorded.

[10:07 AM] Wan, Lisa

Reminders: If you need to find the call-in information, these workshops are listed on the CPUC's Daily Calendar. Please also note that emails to the service list include the previous email sent - you can go through them to find past information.

[10:10 AM] Scott Murtishaw

As a reminder, the co-facilitators for the next two workshops are CalCCA (Eric Little) and IEP (me).

[10:16 AM] Doug Karpa (Peninsula Clean Energy) (Guest)

The slides don't seem to be advancing

[10:24 AM] Wan, Lisa

Hi Doug, we're now on slide 8. if it's not advancing on your end, please note these slides were circulated on Monday. I can update here in terms of which slide we're on.

[10:28 AM] Doug Karpa (Peninsula Clean Energy) (Guest)

Thanks, Lisa! It seems to be working onw

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[10:31 AM] Wan, Lisa

Reminder: Please mute your line or I will mute your line

[10:50 AM] Doug Karpa (Peninsula Clean Energy) (Guest)

sounds good

[10:53 AM] Gregory Klatt

Thanks

[11:06 AM] Nuo Tang

have you looked at the variation if you set the Summer season to be May thru Oct?

[11:19 AM] Worhach, Paul

Does this analysis include storage charging requirements?

[11:23 AM] Wan, Lisa

Hi Nuo and Paul, would you like to raise your hand to ask your question?

[11:24 AM] Worhach, Paul

Mine is just a quick question, can you pass on to Peter?

[11:25 AM] Nick Pappas

Hi Peter, question for now or discussion section: When thinking of metrics, have you considered how to weight "overprocurement" in some hours/slices versus others?

i.e., if we expect LSEs to show ~30GW of 24/7 / dispatchable / non-limited resources, do we care about "overprocurement" below 30GW? Making an assumption that these resources have similar fixed costs whether shown for one slice or 24.

[11:27 AM] Mary Neal (Guest)

I have heard discussion of using LOLE analysis to verify whether the new RA framework will meet reliability goals. Is there a plan to test the straw proposals with LOLE analysis, and if so, who will do that and when will results be available?

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[11:35 AM] Chris Devon

My suggestion on this metric discussion is to encourage more analysis based on LOLE to inform the slices and seasons. It seems the variance metric is more suitable for the cost and procurement level, the reliability aspect needs to consider the LOLE probabilities in the hours/days/months to inform the slices in my opinion.

[11:39 AM] Scott Murtishaw

Cathleen, the way you have your screen sharing set up, you are covering part of your slides. Maybe you can turn your camera off?

[12:07 PM] Bridget Sparks (CAISO) (Guest)

Yes I will take this back to the CAISO team for further discussion. Thanks!

[12:40 PM] Navis, Kyle

So is CIRA is only capable of validating a \*single\* load requirement? I.e. it's either status quo (gross load peak) or a new hypothetical HE20 net load peak?

[12:42 PM] Jasmie Guan, CAISO (Guest)

Navis, Kyle Yes

[12:51 PM] Justin Pannu

thanks!

[1:01 PM] Chris Devon

Grant - to answer your question on the point on planned outage issues. Seasonal construct allows the CAISO to have more foresight into what resources will be shown for RA further in advance and therefore can be able to do its Planned Outage Substitution Obligation study and have more cushion to allow for planned outages without substitution requirements.

[1:02 PM] Chris Devon

Bridget from CAISO captured the concept I was getting at well with her response just now.

[1:07 PM] Meck, Alan L - E&FP

what if a resource is RA during one slice and not another? Is that going to pose a problem with CIRA?

[1:27 PM] Bridget Sparks (CAISO) (Guest)

To answer Meck, Alan L - E&FP questions, it would depend on how we are redefining RA and if it is tied to slices individually, and its impact on the MOO. If we retain the 24x7 MOO, it wouldn't necessarily matter which slice it was shown for, as long as that resource made it on a RA and Supply plan, and it would be RA in all hours and the market would optimize any use limitations. If we moved to a world where you were only RA and only had a MOO in the slice you were shown, then CIRA would have to be modified to validate all slices, otherwise the ISO would have no way to operationalize RA

[1:59 PM] Griffes, Peter

Is this approach compatible with both a bottom-up and top-down allocation methodology?

[2:11 PM] Nickerman, Luke

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[2:16 PM] Scott Murtishaw

I had a similar question about whether this would require hourly NQC values

[2:16 PM] Nuo Tang

Would SCE share this template? the Solar NQC values shown doesn't seem to line up with the graph

[2:17 PM] Brian Biering (Guest)

Question on SCE 24 hour proposal - would hourly NQC values for renewables require changes to the CAISO's deliverability analysis?

[2:21 PM] Brent Buffington

Nuo Tang , just for the showing example the solar and wind the listed NQCs are nameplate and then shaped in the showing

[2:31 PM] Jeff Nelson

the 24-hour slice still allows trading, like a 24 flat swap for a 4 hour product

[2:32 PM] Jeff Nelson

So it is really only the issue that remains AFTER trading

[3:00 PM] Jeff Nelson

Thanks all.