

Q&A Session for Day 3 of RA Track 3B2 Workshops

Session Number: 1460585513

Date: 2021-2-10

Starting time: 09:11

□-Deborah Behles(deborah.behles@gmail.com) - 09:46

Q: If included, how would the increased deployment of solar/wind/energy storage hybrid units and energy storage impact the expected median and standard deviation?

Priority: N/A--□

□-Mary Neal(mnn@mrwassoc.com) - 09:47

Q: A comment: I think what Doug is trying to say is some of the variation in renewable output is entirely predictable. We know when the sun rises and sets. That is different than variation that is unpredictable for the purposes of planning.

Priority: N/A--□

□-soe alan(aso@sdge.com) - 09:48

Q: I agree with the caller. For solar, if 0MW is forecasted and scheduled at night, there is no problem. This analysis would be more useful if it were actual output vs forecast

Priority: N/A--□

□-Scott Olson(scott.olson@directenergy.com) - 09:54

Q: Who is buying unused energy in the true-up auction?

Priority: N/A-

-Jaime Gannon - 09:57

A: This question has been answered verbally.-□

□-Scott Olson(scott.olson@directenergy.com) - 10:05

Q: Did those suppliers in this example provide actual energy in real time? Is this what they are "selling" in the true-up which is after when the actual energy is used? How does this square with what was sold in real time?

Priority: N/A--□

□-Eric Gimon(eric@gimon.org) - 10:09

Q: Is the strike price used in these calculations uniform across all settle intervals in the spot market?

Priority: N/A--□

□-Scott Olson(scott.olson@directenergy.com) - 10:09

Q: If energy needs are met in the short-term, why is a RA true up needed?

Priority: N/A-

-Jaime Gannon - 10:28

A: This question has been answered verbally.-□

□-Eric Gimon(eric@gimon.org) - 10:17

Q: can I rephrase

Priority: N/A-

-Jaime Gannon - 10:28

A: This question has been answered verbally.-□

□-Justin Pannu(justin.pannu@calpinesolutions.com) - 10:23

Q: Jamie sent you a private chat

Priority: N/A-

-Jaime Gannon - 10:28

A: This question has been answered verbally.-□

□-Eric Gimon(eric@gimon.org) - 10:28

Q: Are you truing up over a whole quarter or in each hour?

Priority: N/A-

-Jaime Gannon - 10:39

A: This question has been answered verbally.-□

□-Scott Olson(scott.olson@directenergy.com) - 10:20

Q: Maybe my hang up Jamie is that this example says that "energy" is sold in the true up auction, but it still remains unclear to me how "energy" is sold after the fact. Why would a central buyer (or anyone else) buy or sell "energy" after the real time sett

Priority: N/A-

-Jaime Gannon - 10:28

A: This question has been answered verbally.-□

□-Nick Pappas(nick@cal-cca.org) - 10:28

Q: Could you describe how this proposal supports increased demand-side flexibility relative to current LSE incentives? Would this proposal modify rate design to expose customers to real time rates?

Priority: N/A-

-Jaime Gannon - 10:39

A: This question has been answered verbally.-□

□-Nick Pappas(nick@cal-cca.org) - 10:33

Q: Maybe put differently - if policymakers have decided against exposing customers to real time rates (I think they generally have) - do we still get improved demand side response?

Priority: N/A-

-Jaime Gannon - 10:39

A: This question has been answered verbally.-□

□-Jan Grygier(jan.grygier@pge.com) - 10:34

Q: Would it make much difference whether load was exposed to Day-Ahead price versus prices in FMM or RTM?

Priority: N/A-

-Jaime Gannon - 10:38

A: This question has been answered verbally.-□

□-Mary Lynch(mary.lynch@constellation.com) - 10:34

Q: What happens if there is no true up auction?

Priority: N/A-

-Jaime Gannon - 10:38

A: This question has been answered verbally.-□

□-Mary Lynch(mary.lynch@constellation.com) - 10:38

Q: So the generator in the initial auction are required to participate in the true=up auction?

Priority: N/A-

-Jaime Gannon - 10:38

A: This question has been answered verbally.-□

□-Chris Devon - CES(cdevon@ces-ltd.com) - 10:49

Q: It seems that suppliers will just increase the forward fixed contract prices to cover the market price risk and then the end use consumer will still pay for those scarcity pricing impacts indirectly?

Priority: N/A-

-Jaime Gannon - 10:54

A: This question has been answered verbally.-□

□-Peter Griffes(phg3@pge.com) - 10:55

Q: Does this approach have implications for BTM resources counting for RA?

Priority: N/A-

-Jaime Gannon - 11:19

A: This question has been answered verbally.-□

□-Brian Theaker(btheaker@mrpgenco.com) - 10:59

Q: Is a seller's obligation to provide energy in a given hour determined ex post based on actual realized load? Or is it determined ex ante based on projections of load?

Priority: N/A-

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-Jaime Gannon - 11:25

A: This question has been answered verbally.-□

□-Scott Olson(scott.olson@directenergy.com) - 11:15

Q: If a retailer's load only varies by 5% from the load shape that the central buyer purchases for them through the SFPFC, does this imply that roughly 95% of a retailer's cost will be covered by the SFPFC? Wouldn't this be bad for competition in that every

Priority: N/A-

-Jaime Gannon - 11:27

A: This question has been answered verbally.-□

□-Doug Karpa(dkarpa@peninsulacleanenergy.com) - 11:17

Q: Could you walk me through how our existing long-term contracts with generators for RA, energy, and renewable energy attributes would be treated under this mechanism.If we already have long-term PPAs would that simply be netted against our SFPFC obligation?

Priority: N/A-

-Jaime Gannon - 11:34

A: This question has been answered verbally.-□

□-Ian White(ian.d.white@shell.com) - 11:21

Q: How is any "planning reserve" amount determined under this approach?

Priority: N/A-

-Jaime Gannon - 11:34

A: This question has been answered verbally.-□

□-Brian Theaker(btheaker@mrpgenco.com) - 11:24

Q: Thanks much, Jamie.

Priority: N/A-

-Jaime Gannon - 11:30

A: This question has been answered verbally.-□

□-Scott Olson(scott.olson@directenergy.com) - 11:25

Q: That assumes there is liquidity for someone to buy your allocated hedge

Priority: N/A--□

□-Mary Lynch(mary.lynch@constellation.com) - 11:36

Q: Slide on verification: What does "refer" mean - ie, "refer" to whom?

Priority: N/A-

-Jaime Gannon - 11:41

A: This question has been answered verbally.-□

□-Bridget Sparks(bsparks@caiso.com) - 11:38

Q: Would DR also be capped at \$300 since they don't have a DEB?

Priority: N/A-

-Jaime Gannon - 11:45

A: This question has been answered verbally.-□

□-Rena Steichen(rsteichen@lspower.com) - 11:39

Q: Is this for Day Ahead only or also Real Time?

Priority: N/A-

-Jaime Gannon - 11:45

A: This question has been answered verbally.-□

□-Mary Lynch(mary.lynch@constellation.com) - 11:41

Q: So if this changes nothing in terms of outcomes, what function is this second level bid cap serving?

Priority: N/A-

-Jaime Gannon - 13:03

A: This question has been answered verbally.-□

□-Ian White(ian.d.white@shell.com) - 11:42

Q: I would like to make a comment.

Priority: N/A--□

□-Paul Neslon (CLECA)(paul@barkovichandyap.com) - 11:48

Q: Please clarify if Reliability Demand Response would still have the current 95-100% of CAISO's bid cap, or would it be the lower \$300 for PDR?

Priority: N/A-

-Jaime Gannon - 11:51

A: This question has been answered verbally.-□

□-Mary Lynch(mary.lynch@constellation.com) - 11:48

Q: Jamie, the list of Q&A for Frank says that my question if generators who participate in the initial auction were required to participate in the true -up action was answered verbally, but I must have missed the answer. Do you remember what the answer was?

Priority: N/A-

-Jaime Gannon - 11:50

A: This question has been answered verbally.-□

□-Mary Lynch(mary.lynch@constellation.com) - 11:48

Q: thanks

Priority: N/A-

-Jaime Gannon - 13:03

A: This question has been answered verbally.-□

□-Mary Lynch(mary.lynch@constellation.com) - 11:48

Q: Mary

Priority: N/A-

-Jaime Gannon - 11:49

A: My understanding is that they would not be required to participate.-□

□-Paul Neslon (CLECA)(paul@barkovichandyap.com) - 11:50

Q: You can withdraw my Q, Michelle just answered it.

Priority: N/A-

-Jaime Gannon - 11:50

A: This question has been answered verbally.-□

□-Ian White(ian.d.white@shell.com) - 11:57

Q: What, in ED's view, is a successful RA program look like in CA? Are existing generators making too much on RA at the expense of ratepayers?

Priority: N/A-

-Jaime Gannon - 12:02

A: This question has been answered verbally.-□

□-Scott Olson(scott.olson@directenergy.com) - 12:01

Q: Does the proposed CAISO changes in export priorities where only non-RA resources have priority over CAISO load help decrease the need for a cap?

Priority: N/A-

-Jaime Gannon - 12:02

A: This question has been answered verbally.-□

□-Sergio Dueñas(sduenas@storagealliance.org) - 12:03

Q: Currently the ISO calculates DEBs for storage based on the assumption that cycling costs are negligible and opportunity costs can be derived from the DA prices. This approach can systematically decrease the DEBs of storage, even below 300 USD. How could this proposal fairly compensate resources under such rules? It could result in resources being unfairly capped due to current omissions

Priority: N/A--□

□-Draius Shirmohammadi(darius@gridbright.com) - 13:13

Q: Please confirm that UCAP would only apply to non-energy limited controllable resources (gas fired, geothermal, etc.). What about energy limited controllable resources like battery storage or hydro resources?

Priority: N/A-

-Lauren Carr - 13:31

A: This question has been answered verbally.-□

□-Scott Olson(scott.olson@directenergy.com) - 13:18

Q: Does CAISO believe the major changes in Track 3B.2 are needed for reliability or would a simpler approach of UCAP with MCC and ELCC changes plus peak load planning be ok?

Priority: N/A-

-Lauren Carr - 13:31

A: This question has been answered verbally.-□

□-Kyle Navis(kyle.navis@cpuc.ca.gov) - 13:32

Q: So in the PG&E slice of day proposal, UCAP would retain the single ELCC value for a solar/wind resource in every slice of day, rather than generating a separate ELCC value for each slice?

Priority: N/A-

-Lauren Carr - 13:35

A: This question has been answered verbally.-□