## [RORAme II <br> Foundational Qestions an Bi furcat ion

Meet ing wi th Jul ie Fitch, Advisor to Commissianer Peterman<br>Narch 18, 2014

## Fexikey Points on IROIRPD

We do not yet knowhowmeh of existing [Rasets cen and should be bid into the OAlSOnarkets

- We heve boen disassing with the CRC some of the very real dostacles that stand in the wey of narket bidding
- We have yet to disass potential benefits/consequences of bidding $\mathbb{R}$ into calso narkets (e.g.,dispatch sequence/frequncy, price formation)
- PD adnowledges this and suggests further disassion dur ing Frese 3
©P4 in the FD categorical ly identifies most [R prograns as supply-side rescurces that can be scheduled and dispatched by the CAISOnarkets
- This cetermination apeears to be in confl ict with staterment above and is not yet spported in the record
- At the very leest, we should first denges from the CASO if they went $\mathbb{R}$ resurces to be bid as supp

As such, we recomend that ©P4 be replaced with langage that reflects the following:

- An evidentiary record should be develcped on the following issues to infoma rul ing on which existing $\mathbb{R}$ asets should be bid into the CAISD narkets

The incremental benefits and potential consequaces of bidding $\mathbb{R}$ assets into the OASO markets
The feasibility and cost of bidding existing $\mathbb{R}$ asets into the CASO markets
Orages to $\mathbb{R}$ prograns and Calso narketules/systems that $c$ ould inprov $e$ the fersibility and cost-effectiveness of bidding $\mathbb{R}$ assets into the od

How to ensure that all $\mathbb{R}$ rescurces, both loadmodifying and supply-side, are appropriately valued in plaming and operations


## Pecomendad Approadnes to Solut ians

- Foas on reducing the cost and complexity of integrating $\mathbb{R}$ (both loadnodifying and supply resources) into CA1SO narle Appendix for nore specific suggestions)

Continue and expand "transitional" apportunities for parties to gain exper ience as supply rescurces and to help idantify vays to reduce cost and complexity

Seek idess fromall parties an how to redice the cost and complexity
Fol low yp with workshaps and/or hear ings to advance these idees


## Appendix



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## Some Potential LRProgram Inproverents

Improved integration of derand-side $\operatorname{RR}$ :

- Upcate the current procedure used by les for reporting $\mathbb{R}$ to CAISO
- Integrate some simple, law-cost telemetry or other nethods to provide visibil ity to the CASO
- Erencenethoos for incorporat ing danand-side $\mathbb{R}$ into the ISO processes, such as forecast ing, RA credi ts, Day-AæodMArket, RC process, HASP , RT PD and RTM, etc.


## Iproved integrat ion of supply-side $\mathbb{R}$ :

- Sinplify proceses for supply-side DR aurrently in plaæe for conentional resurces in narket, such as registration, telenetry, Master File, etc.
- Sinplify bidding rules for supply-side $\mathbb{R}$ carrently in plae for conenticral resurces narket
- Pronote endbl ing tedmologies for curtai hent for supply-side $\mathbb{R}$
- Hae PDRcall "all or nthing"
- Oreate DLAP-Leel PIR



## 2/6/14 BIPEvent



- Refe's load rediction vs. forecast:

*fronweekly BIP forecast sent to PefElectr ic Transmission Grid Qps an January 3
- SCEdropped 575MW/hourduring this event (more LCI astomers)
- Accurate forecast (updated data will follow)
- High Customer performane

