

Resource Adequacy Modeling & Program Design Panel Discussion

April 29, 2024

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Our focus today is on unlocking economic efficiency and reliability through administrative process change

- CAISO consideration of resources scheduled to achieve COD prior to the compliance month in its CPM decision

Current process lead time is too long

T-45 T-30 T-0

Cure Period

CAISO Review and CPM

NQC List Development (CM)

NQC List Development (CM+1)

Compliance Month (CM)

CM+1

RA/Supply Plans Due

Cure Deficiencies Due

Resources must be COD
and on NQC list to be
included on plans

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CAISO lacks visibility into contracted RA resources that come online prior to the compliance month

Compliance Month	Capacity Achieving COD Between T-30 and T-1 (MW)	Potential RA Value (MW)
January	545	272
February	556	297
March	14	9
April	174	131
May	2	0
June	573	412
July	352	349
August	501	225
September	319	220
October	420	203
November	429	186
December	1,108	536

Capacity Achieving COD in 2023

Long process lead time results in inefficient outcomes

- Avoidable CAISO compliance backstop procurement cost
- Avoidable Significant Event backstop procurement cost
- Less resources with must-offer obligations in CAISO systems

CAISO invested in technology improvements over the past 15 years, but the CPM decision timeline has not improved

Current timelines established prior to CAISO technology advancements



CESA understands remaining implementation considerations, but there is substantial value to be gained (Issue Paper)

- **Economic and Reliability Issues**

- Avoidable CAISO compliance backstop procurement cost
- Avoidable Significant Event backstop procurement cost
- Less resources with must-offer obligations in CAISO systems

- **Implementation Considerations**

- CIRA currently validates RA/Supply Plans against the NQC list and resources need to be COD to be on NQC list
- CPM decision must be made prior to the start of the compliance month
- CPM cost allocation considers individual and aggregate LSE shortages