

DOCKETED

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Item 8: Clean Energy Reliability Investment Plan

February 28, 2023 Business Meeting

David Erne, Deputy Director
Energy Assessments Division



Benefit to Californians

- Accelerate the deployment of clean energy resources
- Advance greenhouse gas emissions policies
- Support reliability
- Support demand response
- Support the loading order





Reliability Challenges

- Planning
- Resource Scale
- Extreme Events





Proposed CERIP Funding Initiatives

Reliability Challenges

Planning Improvements

Scaling Resources

Extreme Event Support

Funding Priorities

Planning and Enabling Structures to Support Clean Energy Deployment

- Transmission Planning
- Community Engagement

- Standup Central Procurement Facility
- Interconnection/Permitting

Scaling Demand-side Resources

- Demand Flexibility
- Clean Distributed Generation
- Vehicle-Grid Integration and Vehicle to Building
- Innovation Grants

Scaling Supply-side Resources

- Scale Technologies
- Expand Long-duration Storage
- Innovation Grants

Augmenting for Extreme Events

- Augment Demand Side Grid Support and Distributed Electricity Backup Assets Programs



Proposed CERIP Funding Priorities

Funding Priority Category	2023/24 (\$M)	2024/25 (\$M)	2025/26 (\$M)	Total (\$M)
Planning and Enabling Structures to Support Clean Energy Deployment	57	5	5	67
Scaling Demand-Side Clean Resources	0	175	270	445
Scaling Supply-Side Clean Resources	0	150	150	300
Extreme Event Support	33	50	50	133
Administration	10	20	25	55
Total	100	400	500	1000



CERIP Funding Breakout 2023/24

Initiative	2023/24 (\$M)
Planning and Enabling Structures to Support Clean Energy Deployment	57
• Transmission Planning	2
• Support Community Engagement	8
• Support Central Procurement Mechanism	32
• Permitting and Interconnection	15
Scaling Demand-Side Clean Resources	0
Scaling Supply-Side Clean Resources	0
Extreme Event Support	33
• Demand Side Grid Support Program	23
• Distributed Electricity Backup Assets Program	10
Administration	10
Total	100



Staff Recommendation

- Approve the proposed resolution adopting the Clean Energy Reliability Investment Plan

