



# Item 10: Lawrence Berkeley National Laboratory

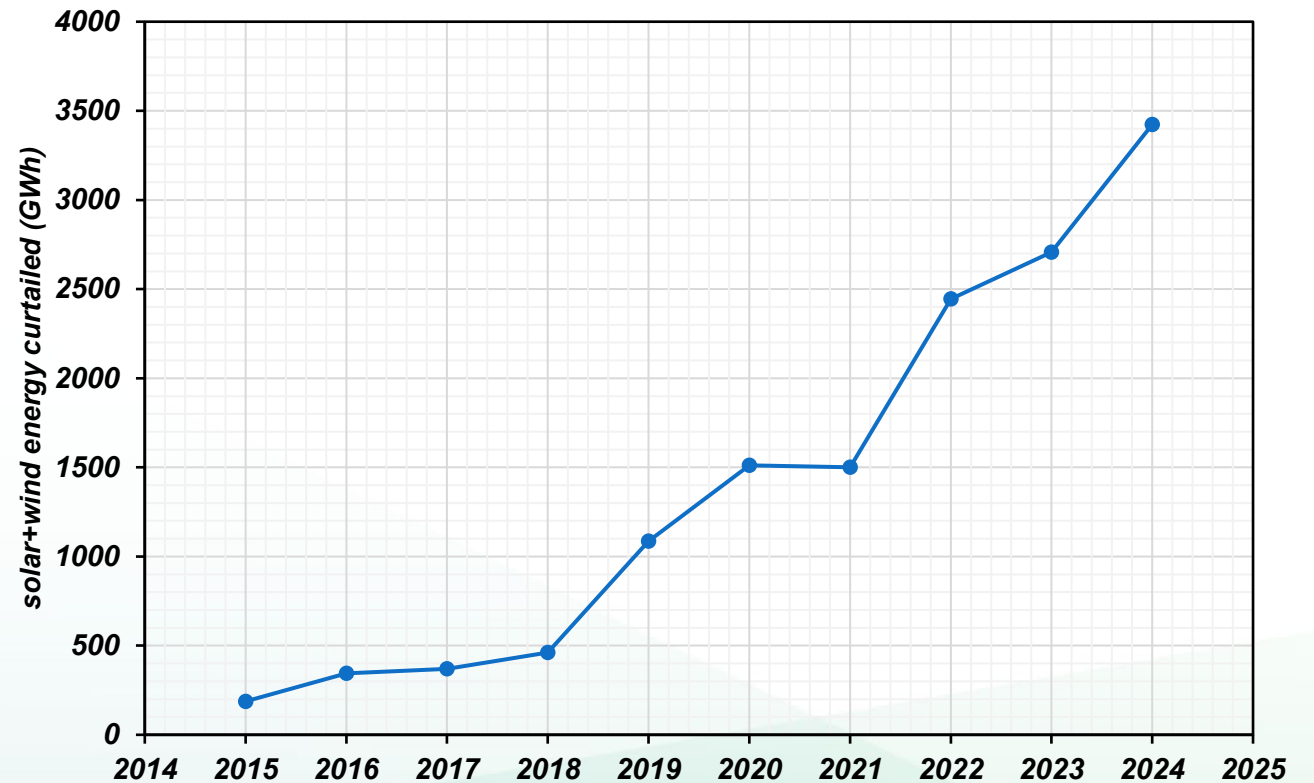
February 12, 2025 Business Meeting

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# Benefit to Californians

- Improve system reliability and resilience
- Reduce GHG emissions
- Support ratepayer affordability
- Decarbonize gas system

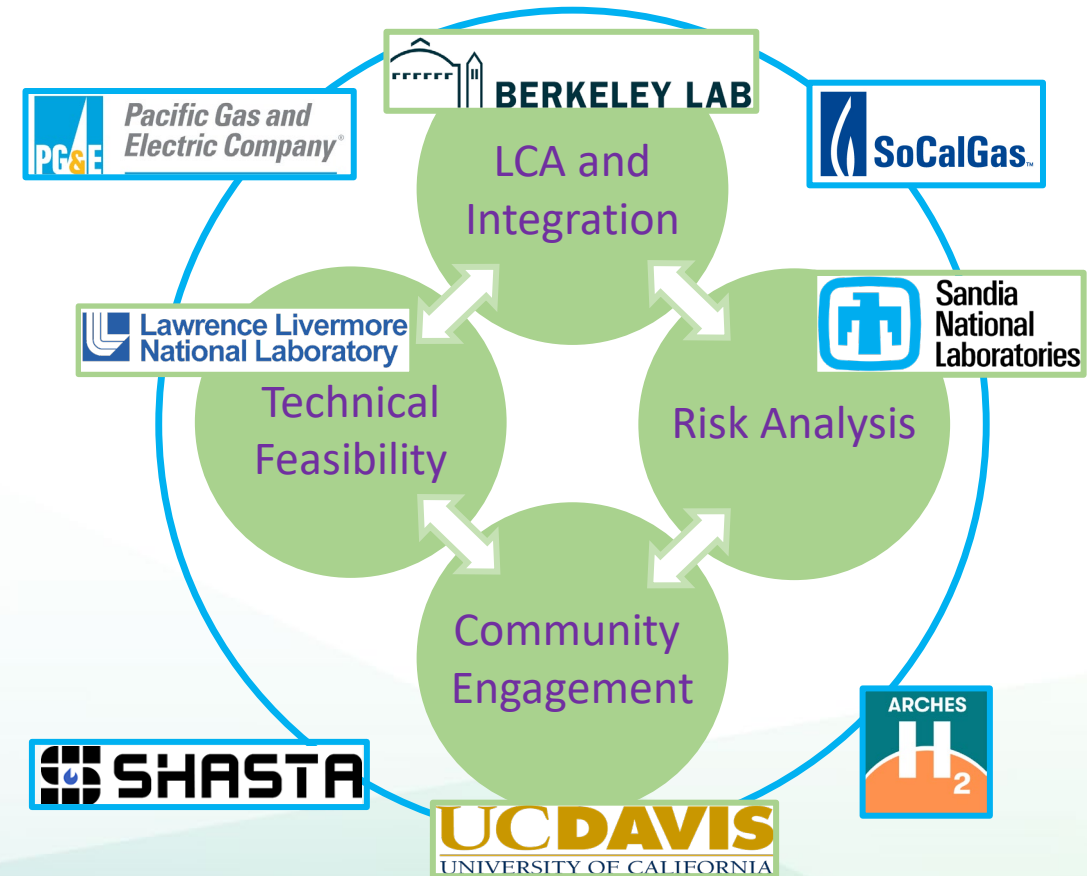


Total annual curtailed renewable (wind + solar) electricity; source: CEC staff analysis on CAISO data



# Lawrence Berkeley National Laboratory

- Determine cost of hydrogen storage
- Assess feasibility of storing hydrogen in gas storage reservoirs
- Develop conversion risk assessment methodologies
- Facilitate socioeconomic and health benefits towards communities



Organizational connection of the project; source: LBNL



# Staff Recommendation

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- Adopt staff's determination that the project is exempt from CEQA.
- Approve grant agreements.