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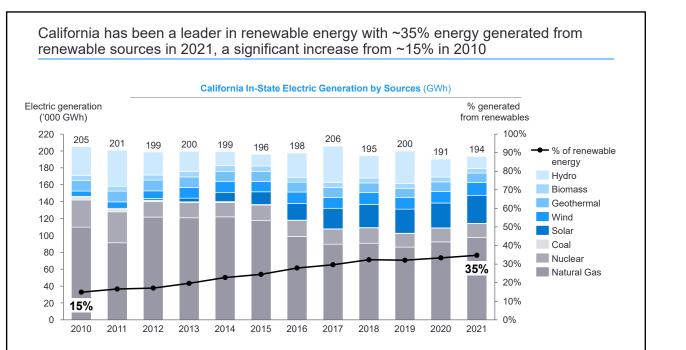
En valiancies are dealer pinnenty on calculators on the asser value (vsv.v, kninch are using usoculare) call flow (DCE) models. The NAV model bagins with an evaluation of a company 5 proved devolged reserves using industry-standard decline analysis. EIR hern assesses the company is land holdings using a valiety of declinatic data sources (geology, conception, historical capital and operating cost structure that is incorporated into EIR for future diming. Each will have an associated capital and operating cost structure that is incorporated into EIR financeal inputs. EIR kpically runs a number of sensitivities around key variables, such as well cost, reserves and commotify prices, lo show the range of possible outcomes.

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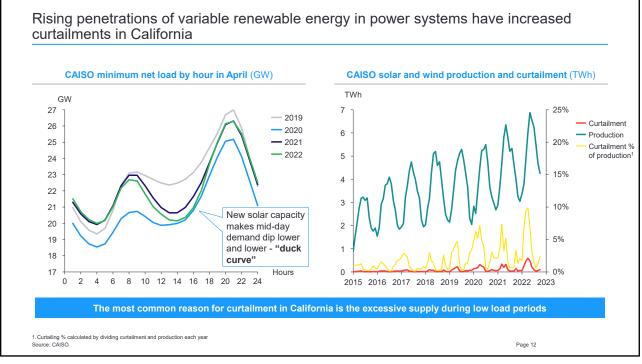




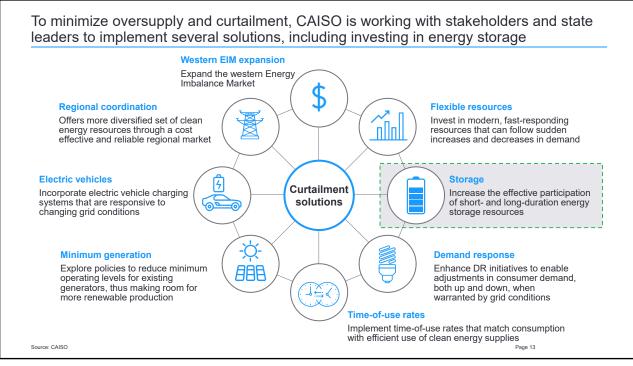
Page 11



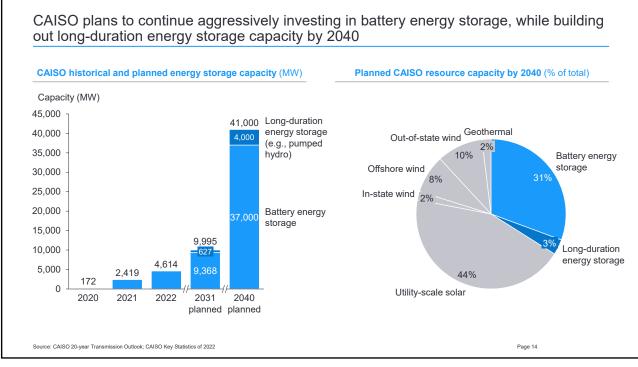
Source: California Energy Commission

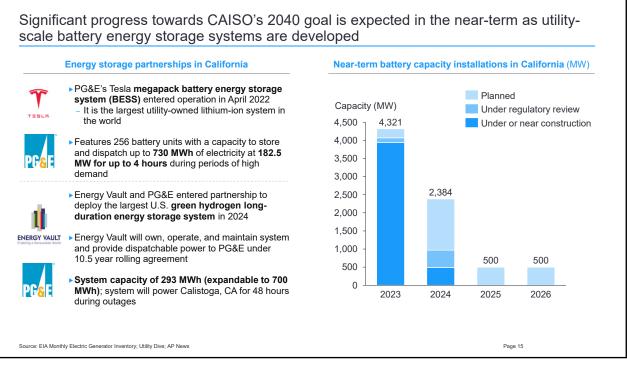


"Energy storage financials: What model makes the most sense?"

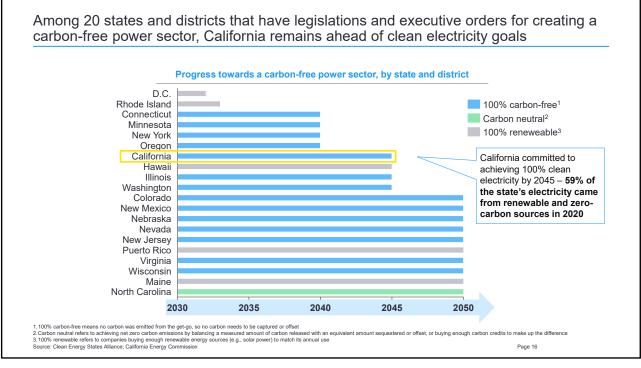


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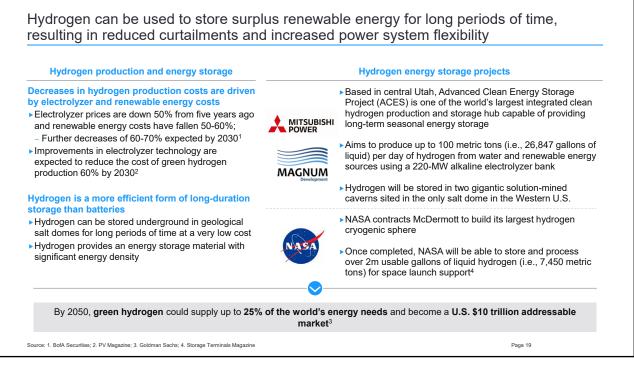


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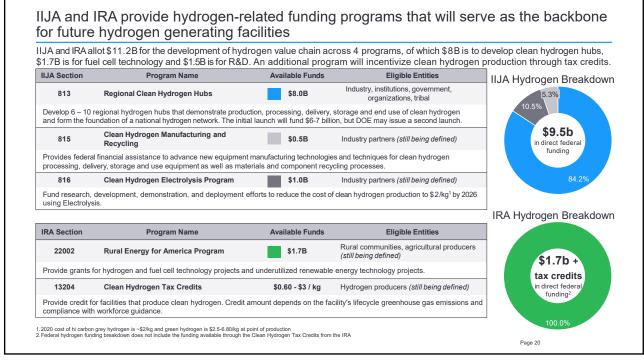
Incentive type	Program	Agency	Description	Amount	Timeline
Grant	Energy Storage Demonstration and Pilot Grant Program	Department of Energy	 Carry out 3 energy storage system demonstration projects 	\$355M	Application estimated opening Q3 2023
Grant	Research to Enable Next- Generation Batteries and Energy Storage	Department of Energy	 Advance fundamental knowledge for next-gen rechargeable batteries 	\$125M	Application close in May 2023
Grant	Long-Duration Energy Storage Demonstration Initiative and Joint Program	Department of Energy	 Composed of demonstration projects focused on the development of long- duration energy storage technologies 	\$150M	Closed in Q4 2022
Tax credits	Investment Tax Credits for Standalone Energy Storage under Inflation Reduction Act	Department of Energy	 Standalone option decouples developers from need to pair with solar PV Energy storage projects of 5kWh or more will be eligible 	6% or 30% ¹ investment tax credits, potential for higher percentages ²	Effective 2023 - 2033

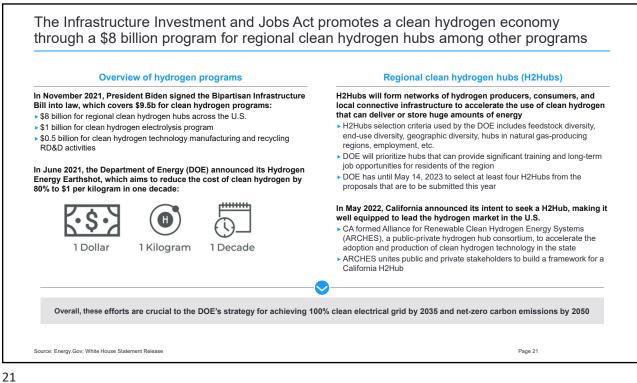


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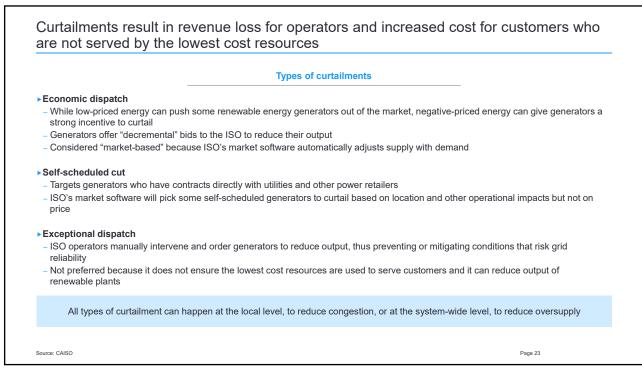
19





Roadmap to 6-GW of energy storage	NYISO wind generation and curtailment in NY (GWh)			
In December 2022, NYSERDA and the New York State Department of Public Service (DPS) filed New York's 6 GW Energy Storage Roadmap > Proposes to expand New York's energy storage programs to address the increase in renewable energy across the state and enhance grid reliability and customer resilience > Aims to support storage deployments estimated to decrease future statewide electric system costs by ~\$2 billion > Supports NYSERDA-led programs that can procure an additional 4.7 GW of new storage projects across three categories: - bulk (large-scale) - retail (community, commercial and industrial) - residential energy storage sectors > Supports goal to generate 70% of state's electricity from renewables by 2030; 100% zero carbon by 2040	43 67 70 62 83 Wind Curtailit 4,219 3,985 4,454 4,162 4,111 Wind Curtailit 2017 2018 2019 2020 2021 Wind Curtailit If this power (i.e., 83 GWh) were stored and then available on demand, it would be enough to power 11,500 homes in NY for a year NY state energy profile In 2021, NY accounted for 11% of U.S. hydroelectricity net generation, and the state was the third-largest producer of hydropower in the nation, after Washington and Oregon New York's 2,500-megawatt Robert Moses Niagara power plant is the nation's third-largest conventional hydroelectric power plant Natural gas, nuclear energy, and hydropower consistently generate more than 90% of New York's electricity			
	power plant ▶ Natural gas, nuclear energy, and hydropower consistently			

"Energy storage financials: What model makes the most sense?"



23

