



America's Premier Competitive Power Company  
... Creating Power for a Sustainable Future

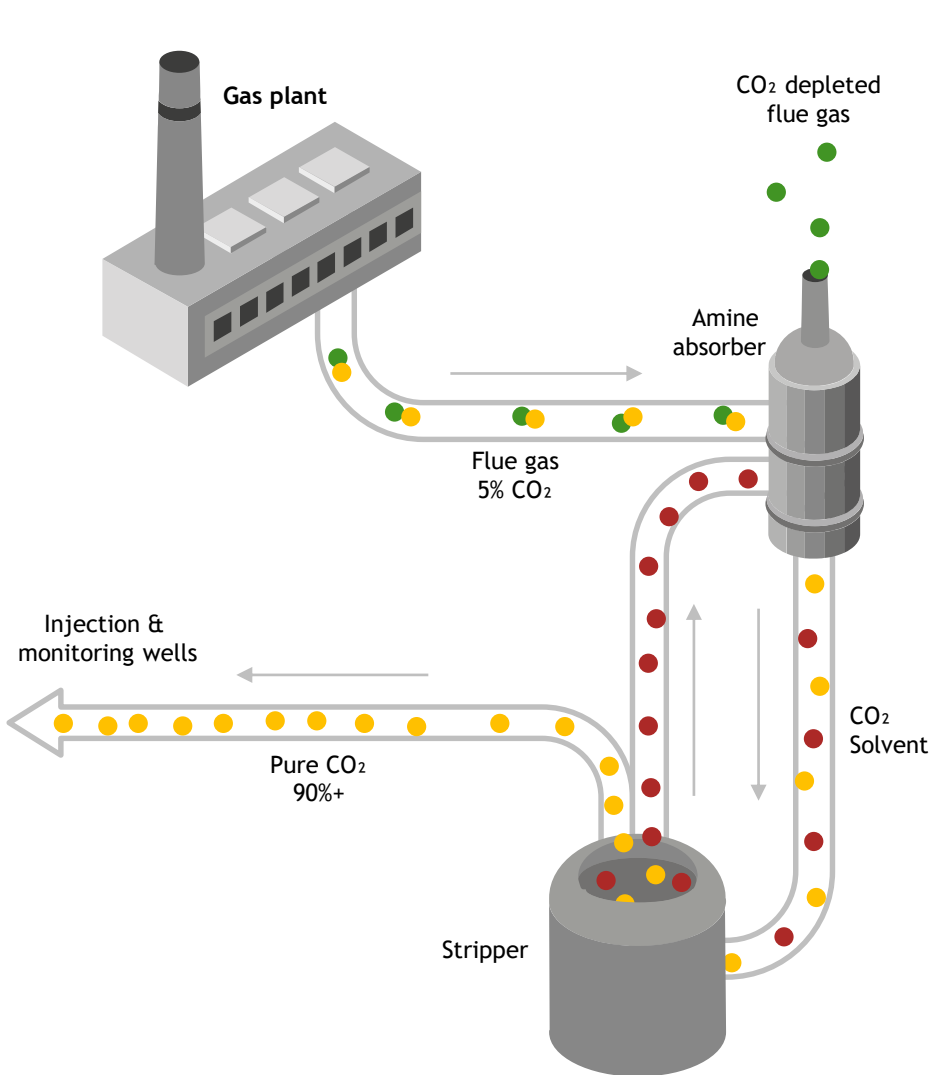


## **Building Out to 2045**

*CalCCA Virtual Annual Meeting*

December 1, 2021

# Carbon Capture, Utilization, and Storage



Capture technology is mature



California's geology is ideal for storage

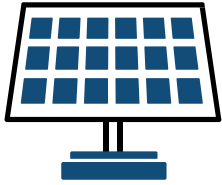


Substantial federal support exists



Power sector CCUS enables hub development

# Green Hydrogen



**4 GW**  
of solar panels  
120 km<sup>2</sup>, or the land area  
of San Francisco



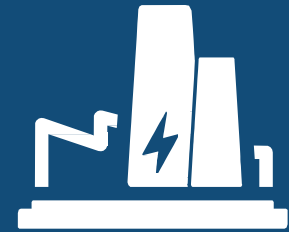
**1 million gal**  
of fresh water daily  
3,500 houses of  
residential usage



**430 t/d**  
of hydrogen  
50,000 MMBTU, or enough to  
power a Bay-area bus for over  
2.5 million miles



**110,000 m<sup>3</sup>**  
of daily storage  
1/12 of a typical salt cavern  
capacity each day



**7.2 GWh/d**  
of electricity

- 500 MW plant
- 250 k houses of residential usage
- 60% capacity factor

