



Hydrogen Village 2024

Wed 3/6/24



- Over 250 attendees
- 19 exhibitors
- H2 Info sessions





AC Transit's New Flyer Bus



Cummins' Emergency Response Truck with ZEV "Office" and Exportable Power



200kW ZEV Fuel Cell Power Supply



Light-duty Fuel Cell Vehicles

Hydrogen in the Region

Company	Technology	Production	Dispense	Anticipated
Air Products (Sacramento)	SMR	Y – Pipeline RNG	N	Operating Now
Comstocks (Virginia City)	Pyrolysis?	Y – Wood Biomass	N	Pilot operating now
Dynamis Energy (Amador County – under construction)	Pyrolysis?	Y – Woody Biomass	N	2026?
First Element/TrueZero (Sacramento)	N/A	N/A	Y	2026
Fuel Cell Energy (TBA)	Carbonate Fuel Cell	Y – Pipeline Renewable NG	Y	Probably
Fulcrum Bioenergy/Sierra Energy (Reno)	Fischer Trophs	Y – MSW	N	Pilot Operating
Iwatani (West Sacramento)	N/A	N/A	Y	Operating
Nikola (West Sacramento)	N/A	N/A	Y	2026
US Energy	SMR with CO2 Capture	Y	Y	2026
Yosemite Clean Energy	Pyrolysis?	Y	N	Under Construction



GM Launches H2 Pickups





Feedstock Location	CI	Company	Production
California	-269.91	FirstElement Fuel	Ontario, CA
California	-254.95	FirstElement Fuel	Ontario, CA
California	-254.28	FirstElement Fuel	Ontario, CA
California	-251.36	FirstElement Fuel	Sacramento
California	-243.54	FirstElement Fuel	Ontario, CA
California	-239.31	FirstElement Fuel	Ontario, CA
California	-204.81	FirstElement Fuel	Ontario, CA
California	-197.27	FirstElement Fuel	Ontario, CA
California	-192.70	FirstElement Fuel	Ontario, CA

California	-179.71	FirstElement Fuel	Sacramento
California	-177.06	FirstElement Fuel	Ontario, CA
California	-163.73	FirstElement Fuel	Ontario, CA
Nevada	-158.06	FirstElement Fuel	Las Vegas
California	-132.07	FirstElement Fuel	Ontario, CA
California	-120.27	FirstElement Fuel	Ontario, CA
Nevada	-119.24	FirstElement Fuel	Las Vegas
California	-118.90	FirstElement Fuel	Ontario, CA
California	-100.09	FirstElement Fuel	Ontario, CA
California	-92.22	FirstElement Fuel	Ontario, CA