

CALIFORNIA  
STUDY  
MISSION 2.0

# SITE VISIT

## BLOOM ENERGY

### WHAT THEY DO

Bloom Energy's mission is to make clean, reliable energy affordable for everyone in the world. Bloom Energy created the first large-scale, commercially viable solid oxide fuel-cell based power generation platform that empowers businesses, essential services, critical infrastructure and communities to responsibly take charge of their energy.

Its technology is one of the most advanced electricity and hydrogen producing technologies on the market today. Bloom Energy's fuel flexible servers can use biogas, hydrogen, natural gas, or a blend of fuels to create resilient, sustainable and cost-predictable power at significantly higher efficiencies than traditional, combustion-based resources. The same solid oxide platform can also be used to create hydrogen, which is increasingly recognized as a critically important tool necessary for the full decarbonization of the energy economy.

### WHY WE ARE TOURING

Bloom Energy has recently built new advanced manufacturing and research and development facilities where they not only build fuel cells but also manufacture electrolyzers. These steps are essential in our mutual efforts to transition from fossil fuels to a net zero carbon future.

### WHAT WE'LL SEE

We will tour Bloom Energy's new advanced manufacturing facility in Fremont and meet with members of their executive team to discuss the importance of reliable, clean electricity in a world facing unacceptable levels of power disruption. In addition, we will see how Bloom's hydrogen production technology is creating scalable and cost-effective clean hydrogen to unlock a net-zero energy future.

