

# Why Kern County and California Need Hydrogen Energy California (HECA)

- **HECA is a state-of-the-art, low-carbon energy plant that will:**
  - ▶ Demonstrate an innovative business model to address climate change and boost the economy
  - ▶ Help California meet its clean energy requirements
  - ▶ Generate new local and state revenues from:
    - New jobs
    - Production of additional oil from Elk Hills Oil Field
  - ▶ Produce lower air emissions than any conventional power plant of its size, including natural gas
  - ▶ Prevent more than 3 million tons per year of greenhouse gas emissions, equal to removing 650,000 cars from roads
  - ▶ Help the community solve local groundwater issues by using brackish, non-potable water
  - ▶ Improve and stabilize local oil production
  - ▶ Boost local oil production by up to 6 million additional barrels per year as a result of captured carbon dioxide (CO<sub>2</sub>)