

# Legislative Finance Committee

## *Re-Purposing the Escalante Generation Station*

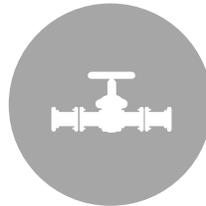
*June 15, 2022*



# Tallgrass: A Leading Energy Infrastructure Company



**Building Upon Expertise & Experience**



Converting a 400-mile Natural Gas Pipeline to CO2 Service



Leading a pilot project studying CO2 capture on large-scale Hydrogen production facilities

## Escalante supports New Mexico's hydrogen hub development and decarbonization efforts



- eH2 plans to establish large-scale clean energy production in northwest New Mexico and repurpose the Escalante power plant to use clean hydrogen as a fuel
- >97% of CO<sub>2</sub> from hydrogen production captured and permanently sequestered
  - › CO<sub>2</sub> will not be used for enhanced oil recovery
- Escalante will provide:
  - › **Clean Power:** Approximately 265 MW of very low greenhouse gas, dispatchable power
  - › **Economic Development:** Local investment of >\$500MM, 60+ permanent jobs in the local community and 500+ construction jobs
  - › **Clean Hydrogen:** A foundation for further development of clean hydrogen, especially for hard-to-decarbonize industries

# Escalante: Meaningful Benefits to New Mexico



## Decarbonization

- Supports decarbonization because **more than 97% of carbon is captured** in the production of clean hydrogen and it is permanently sequestered

## Hydrogen Infrastructure

- **Clean hydrogen available for other industries** like mobility and industrial uses

## Affordable Power

- **Less expensive source of capacity** as compared to alternatives; having “dispatchable” capacity in New Mexico enables further development of solar and wind generation

## Reliable Power

- **Approximately 265MW available 24x7** with greenhouse gas emissions far less coal or natural gas

# Escalante: A Foundation for the H2 Economy

