

# WYOMING CARBONSAFE

## Carbon Storage Assurance Facility Enterprise

### ABOUT THE PROJECT

The Wyoming CarbonSAFE Project is one of thirteen original carbon capture, utilization, and storage (CCUS) project sites in the U.S. funded by the U.S. Department of Energy with the ultimate goal of ensuring carbon storage complexes will be ready for integrated CCUS system deployment. Launched in 2016 and hosted by Basin Electric Power Cooperative at its Dry Fork Station near Gillette, the project is currently in Phase III focused on a complete site characterization and CO<sub>2</sub> capture assessment.

### AT A GLANCE

**Project Total:** DOE Funding: \$15,247,075;  
Non-DOE Funding: \$3,856,389

**Total Value:** \$19,103,464\*

**Project Duration:** 3 years

**Objectives:** Complete site characterization and CO<sub>2</sub> capture assessment.

**Project Location:** Basin Electric Power Cooperative's Dry Fork Station near Gillette, Wyoming

*\*total amount prior to award negotiations*



### PHASE III MILESTONES

- Drilled a second well, UW PRB#2, to a depth of 9627ft
- Installed soil gas monitoring system and seismic monitors around orphan wells and surrounding area
- Performed Step Rate Testing (SRT) and Mechanical Integrity Testing (MIT) between wells to establish fracture pressure, regional stress, and formation connectivity of each zone
- Initiated permits for 12 Class VI wells
- NEPA Review

### PROJECT PARTNERS





