BAYTOWN CARBON CAPTURE AND STORAGE PROJECT

Community Benefits Commitments Summary

The Baytown Energy Center consists of three combustion turbines with three heat recovery steam generators that produce 810 megawatts (MW) of base load electric power.

This Community Benefits Commitments fact sheet describes how the Baytown Carbon Capture and Storage Project (Baytown CCS Project) award recipient, Calpine, will engage community and labor stakeholders during the initial planning and development phase of the project. These commitments will be updated at the end of each phase to reflect key learnings and developments as the project continues to progress.

Calpine plans to build the Baytown CCS Project, a carbon capture demonstration facility that aims to capture carbon dioxide from the Baytown Energy Center (BEC), a natural gas combined-cycle power plant in Baytown, TX.

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COMMUNITY ADVISORY BOARD

The Baytown CCS Project will establish a Community Advisory Board (CAB) with membership that is representative of local impacted communities and includes underrepresented groups.

CAB members will serve an initial two-year term and must be current residents of the project area or owners/directors of organizations that are located within the project area or the City of Baytown. The community-at-large will have a meaningful voice on the CAB.

In addition, Baytown CCS expects the following organizations to be represented by one member:

- Baytown Chamber of Commerce
- Baytown City Council
- Texas House District 23
- Texas Congressional District 36
- Texas Senate District 4
- Goose Creek School District
- Harris County Precinct 2
- Chambers County Precinct 4

The CAB will provide input on topics including, but not limited to:

- Community benefits commitments, assessments, planning, implementation, and tracking
- Safety and emergency prevention, preparedness, and response
- Information gathered from communities and stakeholders relevant to project execution
- Opportunities to maximize benefits and minimize negative impacts for the host communities, workers, and disadvantaged communities
- Opportunities and priorities related to local workforce development and equitable access to jobs; labor engagement
- Public data sharing methods

The Baytown Carbon Capture Project plans to use Shell's CANSOLV point-source technology to capture up to 2 million metric tons of CO_2 annually—equivalent to the annual emissions of nearly 450,000 gasoline-powered cars.

COMMUNITY AND LABOR ENGAGEMENT ACTIVITIES

The Baytown CCS Project will create a plan to engage with community and workforce stakeholders and develop a strategy and schedule for future engagement including methods and targeted outcomes. This will leverage prior identification of barriers to engagement (including language and transportation equity) and incorporate community feedback through either the formal Community Advisory Board or the community liaison's direct engagement with the project development team leads.

Planned engagement activities include:

Roundtables: The project team will hold large group discussions with a broad range of local community members and representative organizations to encourage consensus-building and participation from stakeholders who may feel more comfortable voicing their opinions in a smaller setting

Block Walks: Representatives will walk the neighborhoods of host-site communities to drive engagement and promote awareness among community members unaffiliated with formal stakeholder groups

Coffees with Calpine: The project team will hold "Coffee with Calpine" events in host-site neighborhoods to bring community members, civic leaders, and organizations together to discuss the project's community benefits and potential impacts

Other engagement activities will include community surveys, print communications addressing community concerns, and one-on-one meetings.

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QUALITY JOBS AND WORKFORCE DEVELOPMENT

During Phase 1, the Baytown CCS Project will develop a preliminary plan and timeline for staffing and workforce development that ensures construction and operations jobs are of sufficient quality to attract and retain a skilled workforce to accomplish project objectives during the construction and operation phases. This plan will:

- Describe the anticipated job creation and training, identify risks in partnership with internal workforce teams.
- Include any Registered Apprenticeship programs that the project or project contract partners will partner with.
- Detail partnerships with local institutions such as Lee College and San Jacinto College to increase pathways to employment for underrepresented workers and the local community.
- Throughout the life of the project, Calpine plans to leverage pre-existing companywide programs (such as the Development Trainee Program, Rotation Engineer Program, and multi-disciplinary Internship Program) as well as a targeted Power Operations Co Op Development Program in partnership with San Jacinto College, a local community college and Hispanic-Serving Institution.

Stock image of construction helmets, safety glasses, and clothing.

WORKFORCE AND COMMUNITY AGREEMENTS

The Baytown CCS Project has begun consultation with community members and the City of Baytown to determine whether a Community Benefits Agreements and/or Good Neighbor Agreement will be pursued. During Phase 1, the Baytown CCS Project will finalize plans to negotiate formal agreements with impacted communities, including representatives from local disadvantaged or historically underrepresented communities.

EQUITABLE IMPACTS

The Baytown CCS Project will identify project benefits and impacts during Phase 1 and will:

- Ensure all impacts are documented and discussed with the Community Advisory Board to ensure consideration of community feedback and inform engagement strategy mechanisms.
- Ensure the impacts are reassessed and updated throughout the project to reflect ongoing input and project evolution.

DATA REPORTING AND PLATFORM(S) AND APPROACH

The Baytown CCS Project will partner with the University of Houston's Division of Energy and Innovation and Center for Carbon Management in Energy to create a community benefit and impact tracking database and a geospatial dashboard that will track project benefits to regularly share project data and information. The Baytown CCS Project will work with local community-based organizations and educational institutions to share data on air quality impacts and other data points of interest with the impacted communities.

Data collected and reported will include:

- Project description
- Status updates
- Engagement opportunities
- Progress against community benefits commitments
- Environmental and safety data

The Baytown CCS Project's preliminary Justice40 Plan Implementation Strategy will include the following:

- Description of proposed monitoring and mitigation approaches and rationale including associated milestones, responsibilities, and timelines
- Cooperative plan between the Baytown CCS Project and relevant vendors on how to optimize siting and routing to minimize potential negative impacts to people and the environment
- Description of various design element options to minimize negative impacts, including freshwater use, risk to operators, and other environmental and safety impacts
- Explanation of how the project mitigates energy burden
- Timeline for emergency response and preparedness collaboration