



Building Economic and Energy Security in the Heartland: A Midwestern Delegation to the Gulf Coast to Explore Development of an Enhanced Oil Recovery Industry

Itinerary

Tuesday, September 27th

Delegates arrive in Houston and check in to **Hilton Houston Hobby Airport Hotel**, 8181 Airport Boulevard, Houston, Texas

7:00 pm **Informal dinner for early arrivals at the Boardwalk Restaurant at Hilton Houston Hobby Airport Hotel.**

Wednesday, September 28th

7:00 am **Participant introductions and orientation.**

Meet at Boardwalk Restaurant in hotel. Continental breakfast served.

8:00 am **Depart by bus to University of Texas Bureau of Economic Geology's Houston Research Center**

8:55 am **Briefing on CO₂ Enhanced Oil Recovery** hosted by University of Texas' Alliance for Sequestration Training, Outreach, Research & Education (STORE)

Welcome and introductions

- Dr. Hilary Olson, Director, STORE, Institute for Geophysics, University of Texas at Austin

9:00 am ***Technical introduction to EOR, including industry overview with emphasis on Texas and research and development in support of CO₂-EOR and CO₂ capture and storage***

- Dr. Larry Lake, Professor of Petroleum and Geosystems Engineering, University of Texas at Austin

10:20 am ***Oilfield geology and EOR operations, including CO₂ capture and pipeline transport, environmental impacts and benefits of CO₂-EOR (CO₂ storage, monitoring, and accounting)***

- Dr. Sue Hovorka, Principal Investigator, Gulf Coast Carbon Center, Texas Bureau of Economic Geology, University of Texas at Austin

11:10 am ***Overview of key state and federal incentive and regulatory policies with a focus on state policy in Texas***

- Darrick Eugene, General Counsel, Texas Carbon Capture and Storage Association

11:35am ***Project developer perspective on federal and state policies for deploying CO₂ capture and pipelines for EOR: the example of the***

Texas Clean Energy Project (coal gasification facility to produce electricity and urea for fertilizer)

- Laura Miller, Director of Projects, Summit Power Group

12:00 pm **Lunch**

1:30 pm **Depart for Hastings field**

2:30 pm **Tour of Hastings EOR field hosted by Denbury Resources.**

- On site tour of EOR operation located in a suburban Houston setting featuring:
 - Redevelopment activities in field to enable EOR;

- Well sites;
- CO₂ pipeline; and
- CO₂ recycle facility under construction and near completion (captures CO₂ that comes back up with the produced oil for reinjection).

5:00 pm **Depart Hastings Field by bus**

5:30 pm **Group dinner**

Perry & Sons Market & Grille
614 S. Friendswood Drive
Friendswood, Texas

7:30 pm **Return by bus to hotel.**

Thursday, September 29th

7:00 am **Departure from hotel to Houston Hobby (HOU)**
flight to Jackson, MS (JAN) on Southwest Airlines.

11:00 am **Check into hotel**
Hilton Garden Inn, 235 West Capitol Street, Jackson, Mississippi

12:00 pm **Group lunch at Hilton Garden Inn**

12:45 pm **Briefing on Mississippi Experience with CO₂-EOR Development hosted by Mississippi Energy Policy Institute**

- Invitees joining delegation will include members of Governor Barbour's administration, state legislators, regulators, agency officials, and representatives of Denbury, Southern Company/Mississippi Power, other Mississippi businesses and private sector organizations, and the Southern States Energy Board.

Welcome and introductions

1:00 pm **Opening remarks**

- Patrick Sullivan, Policy Adviser to Governor Haley Barbour

1:15 pm **Legislative perspectives on bipartisan development of a state policy framework for CO₂-EOR**

- Senator Bob Dearing, Chair, Oil, Gas & Other Minerals Committee, Mississippi Senate
- Representative Phillip Gunn, Mississippi House of Representatives

1:45 pm **Overview of Mississippi's state regulatory policies for CO₂-EOR**

- Representatives of Mississippi Oil and Gas Board and the Department of Environmental Quality TBD

2:15 pm **Industry Perspectives: EOR in Mississippi from CO₂ Capture to Pipeline Transport to Oil Production**

- Overview of Mississippi Power's Kemper County lignite-fueled integrated gasification-combined cycle-IGCC plant (first commercial scale U.S. power plant under construction that has committed to capture a large percentage of its CO₂ for EOR)
 - Dr. Richard Esposito, Principal Geologist, Southern Company (parent company of Mississippi Power)
- Denbury Resources' strategy for CO₂ pipeline deployment linking EOR fields in TX, LA and MS with natural and industrial sources of CO₂ in the Gulf Coast and Midwest
 - Greg Schnacke, Executive Director, Governmental Relations, Denbury Resources
- Tellus Operating Group's strategy for EOR expansion as a smaller oil company operating in Mississippi
 - Richard Mills, Jr., Founder and Manager, Tellus Operating Group, LLC

3:15 pm Break

3:30 pm **Regional public-private collaboration on CO₂ capture and storage and EOR deployment among southern states**

- Gary Garrett, Senior Technical Analyst, Southern States Energy Board

3:50 pm **Benefits of CO₂-EOR development for Mississippi's business community**

- Jack Moody, Mississippi Development Authority

4:10 pm ***Closing Q&A and dialogue***

4:30 pm **Reception with delegation hosts, partners and guests.** Walnut Room of Hilton Garden Inn.

6:00 pm **Delegation debrief**

6:30 pm **Depart for dinner**

6:45 pm **Group dinner**

Nicks Restaurant
3000 Old Canton Road
Jackson, MS 39216-4200

Friday, September 30th

Participants who decline to take part in the Plant Barry tour will depart from Jackson.

Optional tour of the largest post-combustion carbon capture demonstration project in the world.

7:00 am **Depart by bus from Hilton Garden Inn** (must wear closed-toe shoes and have photo identification ready)

11:15 am **Arrival/Tour/Lunch at Plant Barry**

1:00 pm **Depart Plant Barry**

2:00 pm **Arrive at Mobile, AL Airport (MOB).** Participants can plan to take flights that depart Mobile after 3pm