



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**
Houston Research Center
11611 W. Little York Road
Houston, TX 77041
Ph: 713-466-8346

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

- 6:55 am **Departure from hotel to Houston Hobby Airport**
Flight to Jackson, MS on Southwest Airlines 255. Meet in hotel lobby
- 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 Mississippi businesses, private sector organizations, and NGOs.
- 1:00 pm **Welcome and introductions**
Opening remarks
- Patrick Sullivan, Policy Adviser to Governor Haley Barbour
 - Lieutenant Governor Phil Brant, State of Mississippi
- 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**
- Trudy Fisher, Exec. Dir, Mississippi Department of Environmental Quality
 - Lisa Ivshin, Exec. Dir, Mississippi Oil and Gas Board
- 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)
 - Bob Fairbank, Director of Government Relations, 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.**
- 6:00 pm **Delegation debrief**
Walnut room
- 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, MS, finding their own taxi transportation to the Jackson airport (JAN).

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