

Calcasieu Parish Local Emergency Planning Committee
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LEPC Officers	
Lindsay, Mason – Chairman	P
Tower, Ron – Vice Chairman	P
Maze, Jared – Secretary/Treasurer	P
Powell, Megan – Secretary	P

LEPC Members					
Conner, Mark – EMS	P	Wilrye, Chris – WLPD		Media	
Touchet, Shaun – LCPD	P	Satterfield, Gregg – LyondellBasell	P	National Guard	
Carter, Delton – LCFD		Naquin, John – Sulphur FD	P	Organized Labor	
Harmon, Liz – Hospitals	P	Duff, Johnathan – Westlake FD	P	CERT	P
Weatherford, Stuart – City of LC – DEQ	P	Vice, Chris – Vinton FD	P		
LaFleur, Sean – LSP	P	McLemore, Jonathan – USCG	P		
McGuire, Richard – Cal. 911	P	Novak, Ryan – Sasol			
Rock, Jim – LAIA	P	Bergeron, Jay – CPSB			
Istre, Ty - CPSO	P	Pullin, Gerald – At Large	E		
		Daughdril, Rob – At Large			

Meeting Agenda
September 17, 2024 - 10:00 AM

- 1) **Call to Order and Pledge:**
- 2) **Agenda Changes:**
- 3) **Procedure Comments:**
- 4) **Public Comment Period:**
- 5) **Accept minutes from August:**
- 6) **Treasury Report: \$165,518.66**
- 7) **Review Biolab:**
- 8) **Drills/Exercises/Training:**
- 9) **Tier II Reports:**
- 10) **Adjourn:**
- 11) **New Projects:**
Gulf Coast Industrial Group (GCIG) meeting of September 4.

The total value of projects from Corpus Christi to Mobile Alabama has now grown to \$580 billion. 111 project worth \$ 111 Billion is in SW Louisiana with projected manpower needs of over 125,000 construction workers. Anticipated start as early 2025.

Presentation. Presentation by Dr. Mark Zappi PE Chemic Engineer Director of the Entergy Institute of Louisiana. An expert in LNG. Discussed Lafayette support of the center for LNG excellence coming to Lake Charles versus efforts to locate it in Houston or New Orleans.

FERC meeting Monday, September 10, 2024, from 4:30 to 6:30 PM
at the Ward 7 Recreation Center, 1615 Horridge Street, Vinton, Louisiana

FERC meeting September 9th , 4:30 to 6:30 PM at the Harvest Event Center 9775 N Hwy 146 Liberty, Texas

LNG

Honeywell Purchased the LNG process technology from air products. There are currently only six technologies which all LNG plants are utilizing

Argent LNG \$10 million dollar project to be built in Port Fourchon area. It will be built utilizing chart industries technology. Anticipated Operational by 2030 it will be a Worley project built by Kiewit. tanks have been awarded to GTT technology.

Black Bayou LNG support. A project to store natural gas at the Sulphur salt dome and deliver it to LNG projects via a 27-mile pipeline to Black Bayou.

Galveston LNG Is a new project to be built in Galveston Texas to fuel crew ships.

Port Arthur LNG Phase 1. Is not impacted by the permit pause.

Port Arthur LNG Phase 2 Sempra has sold 25% should not permitted and impacted by the slow down. The two projects are now budgeted at \$12 Billion with 100 permanent, 8,000 construction workers.

Bechtel is the GC. Including Port Arthur LNG, Bechtel has \$40 Billion worth of work in SE Texas and SW Louisiana.

Port Arthur LNG Phase II 25% of this project has been sold to Aramco. The project has mobilized 40 work trailers have been mobilized on site in anticipation of 5000 workers.

Grand Isle LNG On pause looking to secure additional investors.

Golden Pass LNG Expansion has Bechtel GC projected at \$10 Billion with 8,000 Construction and 350 permanent jobs. Golden Pass phase II has begun mobilizing work trailers and break areas on site. Production is anticipated in 2025.

Driftwood LNG. DeLorean was purchased by Woodside LNG. It is a \$20 Billion project located in Carlyss on Cameron port property. This project is not impacted by the FERC permit slow down. It is already permitted. This Is a Bechtel project and is now projected to need close to 12,000 construction and 400 permanent jobs. Bechtel is in discussions with Woodside LNG to determine how quickly site construction can produce deliverable product post FID. This Is a Bechtel project and is now projected to need close to 12,000 construction and 400 permanent jobs. Bechtel is in discussions with Woodside LNG to determine how quickly site construction can produce deliverable product post FID.

Lake Charles LNG \$10 billion 8000 Construction. Energy Transfer requested that DOE expedite their LNG export permit. A PO has been issues to Performance. anticipate construction to start in January 2025.

Energy Transfer requested a second construction permit extension. FERC denied the request. Energy Transfer has begun, with the support of LAIA, the process of applying for a new permit. This application will be impacted by the permitting process slow down.

Commonwealth LNG is permitted to initiate construction. The second permit normally issued shortly after FID has not been issued. This project is now projected at \$13 Billion up from \$10 Billion. Kilbridge has purchased 90% of this project. Anticipated FID in Q1 2025 which will mean 3000 Construction jobs. Technip Energy GC for modular construction. Performance Contractor to do on site assembly of components and start up. Bay Limited will construct tanks in Corpus Christi and ship to site to be set by rail. Cajun contractors have been consulted to discuss civil work. Kiewit Construction will build production modules off site.

Cameron LNG Train #4 this project Is not permitted. It is a \$6 Billion Project and Performance and Bechtel are bidding for the job. Carbon Capture on site at Cameron LNG is an additional \$1.5 Billion Fluor project.

Sempra Announced a five-year spending plan of \$48 billion between Cameron LNG in Port author LNG.

Delphin LNG is permitted, and FID was secured and obtained in Q3 2023 for \$5 billion. Signed Design and Engineering contract with Wison (Korean) to development floating LNG vessels and expand the floating capacity. Black & Veatch are the GC for a 120,000 HP compressor, and station upgrade in Cameron, to push gas offshore which can support 4 liquefaction ships simultaneously.

New Fortress LNG. Has three “FAST” LNG units been constructed on refurbished jack up rigs. “FAST” LNG technology produces LNG in 30 months from time of beginning construction.

1. Grand Isle LNG \$3 Billion - \$4 Billion LNG project 13 miles off Grand Isle.
2. Corpus Christi LNG
3. Fourchon Louisiana

Venture LNG CP2 project Is not permitted and will be impacted by the permit slow down. McDermott Has been selected as GC.

Venture LNG Distribution Former the SCG&E site on Monkey Island is now the location for Vesture LNG distribution location. Worley to be EPC and are sending out bid packages.

Chenier LNG The FERC permit pause will impact the additional two production lines. These two additional lines will produce the same volume as 3 originally requested for expansion. The expansion will be a Bechtel project.

One OK LNG Purchased 40 acres past Port Arthur LNG to build a \$4 Billion facility.

Texas LNG This project is in Brownsville and is permitted. It will be a Bechtel project.

Caliche Company Purchased the Golden Triangle Salt Dome to add 2 new chambers to store 14 billion cubic feet of natural gas to sell to the LNG projects.

Road Construction

I-10 Calcasieu River Bridge P3 partnership of private/government has been approved by the state's legislators. During the seven-year construction, State and local legislators have committed to continue working to secure funding to minimize or eliminate tolls.

Municipal

City of Lake Charles. Anticipates \$170 Million for upgrades and improvements.

Port of Lake Charles Cajun Contractor to demo and rebuild berths 4,5 and 6 to increase weight capacity.

Omega, a Houston company, has retained Nance to evacuate and refurbish carbon black bag houses at the port.

Port of Port Arthur. Has budgeted 12 projects to build a bridge over the railroad tracks and to construct additional park and ride and lay down yards.

Port of Beaumont and Jefferson Chemical JV to build a new international port just South of the existing Port of Beaumont.

Pipelines

Three pipeline projects have been announced. Total project cost is \$10 billion.

Moss Lake project \$5 Billion 42" pipeline from Midland/ Odessa to Lake Charles area.

Black Bayou energy hub \$2 Billion pipeline and gas storage in Hackberry.

Black Fin Pipeline \$3 Billion Pipeline to be built from Columbus Texas to Evadale Texas.

Chemical

*LACC Project. This is a joint venture between Lotte Chemical and Westlake Chem.

They will build an ethylene Cracker at the Sulphur location by I-10.

Engineering is ongoing now.

Investa. 10 facilities were purchased by Dow who plans on restarting five of them.

Lake Charles Methanol Is a \$3.2 Billion project, announced a fuel stock switch to blue natural gas. Anticipate issuing big packages Q4 2024.

They have switched their feed stock on the project to Blue Natgas.

Technip has been chosen for the EPC.

Feed study will be finished by August.

Conoco/Phillips \$11 billion capital work in last half of 2024 & 2025.

CITGO Will spend more in next 36 months than ever spent before.

Methanol Pro Man and Mitsubishi \$2.5 Billion methanol plant on Tank Farm Road at the old G2 Methanol site.

INEOS Group Purchased Eastman Texas City and is planning a \$1 Billion acid unit that will take 19 months to build.

Indorama Purchased Huntsman Chemical.

Air Products \$14 Billion at 4 locations SE Texas and SW Louisiana Q3 2023

Lindy Beaumont is a \$1.8 Billion Clean Hydrogen project.

Shintech Is a \$18M Expansion to the PVC unit.

Chevron Geismer LA \$100M Expansion in the renewable diesel unit.

CF Industries Donaldsonville LA \$75M investment in the nitric acid and (DEF) diesel exhaust unit.

\$4 Billion biofuel plant using sugar cane to produce jet fuel.

Chevron Orange is a \$13 billion project, proposing 250 permanent positions and 8000 construction jobs.

Six EPC Contractors on site. Zachary, Burns & Mac, Bechtel, S&B and Kiewit. A contract has been released for 22 tanks to be constructed on site. Also Released are bids for \$40 Million for control room construction.

Exxon Baytown \$2B Expansion within the largest chemical complex in North America.

Exxon Mobil Beaumont \$6 billion project projects 1000 permanent jobs and 2000 Construction jobs.

OCI Methanol Beaumont \$5 billion project proposed 100 permanent jobs and 3000 construction jobs.

Valero Port Arthur \$3 Billion project with 400 permanent jobs 2500 construction jobs.

Entergy Bridge City \$5 Billion project with 200 permanent jobs 2000 construction jobs.

Entergy Louisiana is proposing a floating \$13 billion natural gas-powered electric plant off the coast of Louisiana.

Enterprise Vidor TX \$6 Billion project to construct an Ethylene project on 1100 acres which has been purchased.

Formosa Chemical in Saint James Parish Has challenged EPA ruling and had the ruling overturned. They are planning a \$10 Billion petrochemical expansion to build 12 plastic units.

Oxy Chemical Battleground TX \$1.5 Billion Alkie Plant

Oxy Deer Park \$1.1 Billion plant expansion

LG Chemicals Port Arthur purchased 200 acres for industrial construction.

Motiva Hargrove engineering is working on 30 projects that were put on hold due to Covid. Prior to being placed on hold there was a \$14 billion budget.

Energy

Entergy Legend power plant \$1.5 billion project. 754 MW

To be built in Port Arthur. expected to be in service by 2028.

Entergy Lone Star Power plant \$753 million to be built in Cleveland 453 megawatt. expected to be in service by 2028.

Topsy Louisiana Jeff Davis Parish, Louisiana Cajun Crossroads Energy Center will build a 500-million-dollar solar farm on 2400 acres that will cover some in Jeff Davis Parish and Calcasieu parish. In the approval stages now. plans for a \$500 million solar project.

Wind energy windmills anticipating \$45 billion federal investment off Cameron Parish

Enbridge solar announces plans to build a \$50 million solar farm project.

Lotte & Copenhagen (German Company) plan to construct a \$3 Billion Blue Ammonia plant in Lake Charles.

Project Cypress \$2-\$3-billion-dollar carbon capture to be built near Lake Charles.

Apollo Energy plans to build a facility to produce marine hydrogen by a clean hydrogen process at the Sulphur Mine location.

Sun Gas Renewable Company \$2 Billion Green methanol plant in Pineville Louisiana on the closed IP paper mill site.

Monarch Energy \$500 Million Green Hydrogen project in Gonzales.

CF Industries Exxon Beaumont \$1.5 Billion Carbon Capture

OCI Beaumont \$1.5 Billion Clean Hydrogen plant Bo Mac GC

State of Texas Biofuel Bon Weir jet fuel to LAX, waiting for permit approvals.

Arbor Biofuel Beaumont \$3 billion project projecting 200 permanent jobs and 1500 construction jobs.

Air Products Port Arthur \$4.5 Billion Carbon Capture

Talos Energy Beaumont \$3.5 Billion Carbon Capture on 10,000 acres

Opdenenergy in Allen Parish \$150 Million solar farm on 1000 acres near Elizabeth.

Aurora Solar \$325 Million 500 construction jobs Leased 3400 acres from Sweet Lake Land & Oil Southeast of Lake Charles.

Johnson Matte & BP Biofuel Plant to be built in Columbia LA.

Wood & Pulp

West Rock in Hodge LA \$98 Million mill and wood yard expansion

Bon Weir TX Greenfield sawmill construction planned.

Weyerhaeuser in Dodson LA. \$96.2 million modernization and decarbonation.

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