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**TCEQ Public Meeting Form
August 1, 2022**

**Entergy Texas, Inc.
Proposed Air Quality Permit
Proposed Permit Nos. 166032, PSDTX1598, and
GHGPSDTX210**

RECEIVED

JUL 26 2022

PLEASE PRINT

Name: Ariana Akbari AT PUBLIC MEETING

Mailing Address: 108 1st Ave. Nederland TX 77627

Physical Address (if different): _____

City/State: _____ Zip: _____

****This information is subject to public disclosure under the Texas Public Information Act****

Email: arianadakbariant@gmail.com

Phone Number: ~~(972) 234-1234~~

• Are you here today representing a municipality, legislator, agency, or group? Yes No
If yes, which one? _____

Please add me to the mailing list.

I wish to provide formal **ORAL COMMENTS** at tonight's public meeting.

I wish to provide formal **WRITTEN COMMENTS** at tonight's public meeting.

kindly, I would like to have more of a commitment + emphasis from you all on hiring locally, with diversity considerations for women + people of color. Thank you for your time.

(Written comments may be submitted at any time during the meeting)

Please give this form to the person at the information table. Thank you. 😊

① My ^{region} name is Ariana Alebari and I'm ^{no one were tonight} ^{is actually from Orange} ^{which speaks to} ^{post outbreak} ^{processes} ^{Although} ^{in Jefferson} ^{County} ^{apparently} ^{spend} ^{almost} ^{every} ^{Thanksgiving} ^{here} ⁱⁿ ^{Bridge} ^{City} ⁱⁿ ^{Orange} ^{with} ^{my} ^{family} ^{where} ^{is} ^a ^{bunch} ^{of} ^{my} ^{uncles,} ^{uncles,} ^{cousins,} ^{second} ^{cousins,} ^{third} ^{and} ^{second} ^{cousins,} ^{third} ^{and} ^{second} ^{cousins} ^{and} ^a ^{bunch} ^{of} ^{people} ^{who} ^{maybe} ^{aren't} ^{related} ^{by} ^{blood} ^{but} ^{we} ^{call} ^{family} ^{line.} ^I ^{am} ^{always} ^{here} ^{for} ^{Star} ^{Foundation} ^{things} ^{and} ^{many} ^{of} ^{my} ^{relatives} ^{live} ⁱⁿ ^{Orange} ^{with} ^a ^{broken} ^{system}

Firstly, people in this community have a deep culture of loving hunting & fishing & gardening. ~~Also~~ Also, being a rural community, I find that children ~~do~~ do not have as much access to ^{additional} educational opportunities. I would like to see a greater, more caring, and more community invested conservation plan and commitment locally.

Secondly, while I do appreciate what you're doing across your portfolio with decarbonization and I'm certainly glad that you're bringing a good amount of permanent jobs to my region (you said 27, I believe), but I also would like to see you have a more confident commitment to cleaner & more efficient hydrogen burning (not just resting on "capability" and then running all or more than 70-80% on

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Name: MARY Bernard AT PUBLIC MEETING

Mailing Address: mary@btbiosphere.reserve.org

Physical Address (if different): 6725 Wedgewood Drive

City/State: Lumberton Zip: 77657

****This information is subject to public disclosure under the Texas Public Information Act****

Email: as above

Phone Number: _____

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Entergy Comments – Mary Bernard

The permit limits currently set by TCEQ for the proposed Orange County Advanced Power Station will emit significant air pollution with increased emissions inventory of CO₂, VOCs, particulates, and NO_x releases.

These emissions do not dissipate, they do not magically disappear, they travel throughout the adjacent counties leaving a wake of some of the dirtiest air in southeast Texas. Many of our families depend on Texas refineries, chemical plants, and power plants for employment. However, we should not have to choose between healthy lives or toxic livelihoods. Surrounding communities have long-suffered significant health issues related to the polluted air of coastal Texas. Reducing air quality further will only serve to make an already hazardous situation more poisonous.

We ask TCEQ to produce an emissions inventory of air pollution that will be caused by the proposed plant directly, indirectly, and cumulatively for the life of operations and to recommend mitigation measures that will reduce or eliminate air pollution.



**Southeast Texas Clean Air &
Water, Inc.**

A Non-Profit Citizens Environmental Organization

(Established 1966)

227 N 30th
Nederland, Texas 77627
409-729-0268

REVIEWED

AUG 02 2022

By Gaw

Date: July 29, 2022

To: Texas Commission on Environmental Quality
Office of the Chief Clerk
Mail Code MC-105
P. O. Box 13078
Austin, Texas 78711-3087
<https://www14.tceq.texas.gov/epic/eComment/>

TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY
2022 AUG -2 AM 10:33
CHIEF CLERKS OFFICE

Subject: **Entergy's proposed air quality permit (numbers: 166032, PSDTX1598, and GHGPSD210)**

Dear Staff,

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"The executive director has determined that the emissions of air contaminants from the proposed facility which are subject to PSD review will not violate any state or federal air quality regulations and will not have any significant adverse impact on soils, vegetation, or visibility."

Noticed the executive director's concern did not include human health. Plus, a sign of being a little short-sided for air transport of contaminants and migratory waterfowl issues.

In an article appearing in the Beaumont Enterprise titled "Entergy plans new, greener plant in Orange County" on July 29, 2021 (Thurs), Jacob Dick writes "The utility on Thursday morning announced that it would soon submit plans to regulators for a 1,215 megawatt plant that can use natural gas and hydrogen."

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Another concept noticed from Jacob Dick's article, is Entergy's involvement in their new plant in Montgomery County, Texas located in Willis. If this current permit request reflects major concerns, then what air quality values is that facility operating under. There needs to be a review of that facility's permit.

In review, Entergy knows global air quality is causing major climatic changes, it also knows there is a need to prepare for the future, since supposedly changing from coal\coke\oil fuel source to natural gas (methane), and now moving towards a dual fuel use (natural gas- methane and hydrogen). What is troubling is Entergy and TCEQ (only sharing limits for PM) have obviously not been up front with the public based on statements presented in the Public Notice concerning *air contaminants in a significant amount*.

Southeast Texas Clean Air & Water, Inc. **does not support** issuing this permit until these comments are addressed with more concern for not just future economic incentives, but for improving current\proposed air emissions not just for *significant adverse impact on soils, vegetation, or visibility*, but for human health and other biological life (aquatic, terrestrial, birds) as well.

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Name: Terry D. Stelly AT PUBLIC MEETING

Mailing Address: TerrySSmxd@aol.com

Physical Address (if different): 227 N 30th

City/State: Nederland, Texas Zip: 77627

This information is subject to public disclosure under the Texas Public Information Act

Email: Same as above

Phone Number: 409-729-0268

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<https://www14.tceq.texas.gov/epic/eComment/>

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From: [PUBCOMMENT-OCC](#)
To: [PUBCOMMENT-OCC2](#); [PUBCOMMENT-OPIC](#); [PUBCOMMENT-ELD](#); [PUBCOMMENT-APD](#)
Subject: FW: Public comment on Permit Number GHGPSDTX210
Date: Thursday, August 4, 2022 11:39:04 AM
Attachments: [CAW - Response Letter - Entergy proposed air quality permit numbers 166032, PSDTX1598, and GHGPSD210 - 7-30-22 - FINAL w letterhead2.pdf](#)

From: terryssmxd@aol.com <terryssmxd@aol.com>
Sent: Saturday, July 30, 2022 6:01 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number GHGPSDTX210

REGULATED ENTY NAME SABINE PLANT

RN NUMBER: RN102513041

PERMIT NUMBER: GHGPSDTX210

DOCKET NUMBER:

COUNTY: ORANGE

PRINCIPAL NAME: ENTERGY TEXAS INC

CN NUMBER: CN603282054

FROM

NAME: Terry D Stelly

EMAIL: terryssmxd@aol.com

COMPANY:

ADDRESS: 227 N 30TH ST
NEDERLAND TX 77627-7031

PHONE: 4097290268

FAX:

COMMENTS: See attached comments.



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227 N 30th
Nederland, Texas 77627
409-729-0268

Date: July 29, 2022

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To: [PUBCOMMENT-OCC2](#); [PUBCOMMENT-OPIC](#); [PUBCOMMENT-ELD](#); [PUBCOMMENT-APD](#)
Subject: FW: Public comment on Permit Number PSDTX1598
Date: Thursday, August 4, 2022 11:38:57 AM
Attachments: [CAW - Response Letter - Entergy proposed air quality permit numbers 166032, PSDTX1598, and GHGPS210 - 7-30-22 - FINAL w letterhead2.pdf](#)

From: terryssmxd@aol.com <terryssmxd@aol.com>
Sent: Saturday, July 30, 2022 5:57 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number PSDTX1598

REGULATED ENTY NAME SABINE PLANT

RN NUMBER: RN102513041

PERMIT NUMBER: PSDTX1598

DOCKET NUMBER:

COUNTY: ORANGE

PRINCIPAL NAME: ENTERGY TEXAS INC

CN NUMBER: CN603282054

FROM

NAME: Terry D Stelly

EMAIL: terryssmxd@aol.com

COMPANY:

ADDRESS: 227 N 30TH ST
NEDERLAND TX 77627-7031

PHONE: 4097290268

FAX:

COMMENTS: See attached comments.



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227 N 30th
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Subject: FW: Public comment on Permit Number 166032
Date: Thursday, August 4, 2022 11:38:29 AM
Attachments: [CAW - Response Letter - Entergy proposed air quality permit numbers 166032, PSDTX1598, and GHGPSD210 - 7-30-22 - FINAL w letterhead2.pdf](#)

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DOCKET NUMBER:

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"The proposed facility will emit the following air contaminants in a significant amount: carbon monoxide, organic compounds, particulate matter including particulate matter with diameters of 10 microns or less and 2.5 microns or less, sulfuric acid mist, and greenhouse gases. In addition, the facility will emit the following air contaminants: nitrogen oxides, hazardous air pollutants, sulfur dioxide, aqueous ammonia, and hydrogen."

Within the next paragraph the Executive Director of TCEQ states the following:

"The executive director has determined that the emissions of air contaminants from the proposed facility which are subject to PSD review will not violate any state or federal air quality regulations and will not have any significant adverse impact on soils, vegetation, or visibility."

Noticed the executive director's concern did not include human health. Plus, a sign of being a little short-sided for air transport of contaminants and migratory waterfowl issues.

In an article appearing in the Beaumont Enterprise titled "Entergy plans new, greener plant in Orange County" on July 29, 2021 (Thurs), Jacob Dick writes "The utility on Thursday morning announced that it would soon submit plans to regulators for a 1,215 megawatt plant that can use natural gas and hydrogen."

Many in Jefferson and Orange Counties believed Entergy was already using natural gas transitioning decades ago from coal\coke\oil. Based on the comments from the Public Noticed the *air contaminants in a significant amount* confirm this may not had been the case. For if natural gas is currently being used for generating electricity the emissions, according to the combustion of natural gas,
 $\text{CH}_4[\text{gas}] + 2 \text{O}_2[\text{gas}] \rightarrow \text{CO}_2[\text{gas}] + 2 \text{H}_2\text{O}[\text{gas as water vapor}\backslash\text{steam}] + \text{energy}$, would not be a problem. However, in using coal\coke\oil as a fuel source the combustion becomes more complex releasing a variety of potentially harmful air pollutants (SO₂, NO_x, PM, CO, VOC's, arsenic, cadmium, mercury). Which reflects closer to the constituents discussed in the permit requested.

Note the differences in the two fuel sources, one releasing only ONE greenhouse gas, while the other has many other constituents affecting air quality.

Using hydrogen as a fuel source is the big game changer as the combustion equation reflects, $2\text{H}_2(\text{gas}) + \text{O}_2(\text{gas}) \rightarrow 2\text{H}_2\text{O}(\text{gas as water vapor}\backslash\text{steam}) + \text{energy}$. Provided the source of the hydrogen comes from a source not affecting air quality indirectly, green versus "gray" hydrogen.

Another concept noticed from Jacob Dick's article, is Entergy's involvement in their new plant in Montgomery County, Texas located in Willis. If this current permit request reflects major concerns, then what air quality values is that facility operating under. There needs to be a review of that facility's permit.

In review, Entergy knows global air quality is causing major climatic changes, it also knows there is a need to prepare for the future, since supposedly changing from coal\coke\oil fuel source to natural gas (methane), and now moving towards a dual fuel use (natural gas- methane and hydrogen). What is troubling is Entergy and TCEQ (only sharing limits for PM) have obviously not been up front with the public based on statements presented in the Public Notice concerning *air contaminants in a significant amount*.

Southeast Texas Clean Air & Water, Inc. **does not support** issuing this permit until these comments are addressed with more concern for not just future economic incentives, but for improving current\proposed air emissions not just for *significant adverse impact on soils, vegetation, or visibility*, but for human health and other biological life (aquatic, terrestrial, birds) as well.

Sincerely,



Terry D. Stelly
Southeast Texas Clean Air & Water, Inc - President

CAW founded in 1966, consists of 20 directors elected from the general membership. Ten of the 20 directors are elected from the membership in rotating 2-year terms. CAW members meet once a month, on the fourth Monday of each month, except December and a reschedule in May as necessary. Monthly meetings include reviewing applications for new/renewal of air or water permits, as well as topics of local, regional, state, or national interest.