



State of Louisiana

JEFF LANDRY
GOVERNOR

March 27, 2024

State of Louisiana
The Department of Energy and Natural Resources
Mr. Edward O'Brien, Senior Economist
617 N. 3rd Street
Baton Rouge, Louisiana 70802

RE: LETTER OF COMMITMENT - LOUISIANA CLIMATE POLLUTION REDUCTION GRANT

Dear Mr. O'Brien:

On behalf of the Coastal Protection and Restoration Authority (CPRA), I am pleased to offer this Letter of Commitment for the **State of Louisiana's Climate Pollution Reduction Grant (CPRG)** application to the U.S. Environmental Protection Agency. The State of Louisiana will launch a transformative **Comprehensive Actions to Reduce Emissions (CARE) Initiative** to accelerate greenhouse gas (GHG) reductions across top ranking U.S. carbon-intense sectors with the strategic deployment of a suite of novel and viable GHG reduction measures as top regional priorities from the Louisiana Priority Climate Action Plan (PCAP).

The Louisiana CARE Initiative is focused on advancing electrification and decarbonization implementation programs in the hard to abate sectors as replicable models to be scaled up across Louisiana and the U.S. as pathways to commercial viability in order to achieve net zero emissions by 2050. Embedded in each of the Louisiana GHG reduction measures are efficient strategies to deliver immediate and long-lasting benefits to the 2.28 million low-income and disadvantaged population most vulnerable to climate threats and at-risk from GHG emissions from heavy industrial clusters.

CPRA is the single state entity with authority to articulate a clear statement of priorities and to focus development and implementation efforts to achieve comprehensive coastal protection for Louisiana. The Coastal Protection and Restoration Authority's mandate is to develop, implement, and enforce a comprehensive coastal protection and restoration master plan to guide the state to prioritize restoration and risk reduction efforts. The master plan was developed using a systems-based approach to risk reduction and restoration. The scientific foundation that the master plan is built on acknowledges coastal adaptation to reduce impacts from hurricanes and sea level rise and the reduction in GHG's will play a vital role in obtaining the necessary outcomes to protect the people of Louisiana, their property and their livelihoods.

GHG reduction measures compliment the State's coastal program, as long-term carbon sequestration from coastal land building is an inherent outcome of CPRA's work. The rebuilding and conservation of the State's coastal wetlands is a component of an overall strategy to lower green house gasses. CPRA is an active member of the State's Climate Initiative Task Force that

Executive Division

was established in 2020. Through this endeavor, the agency can collaborate with and support the state and the CPRG objectives by achieving the goal of net zero emissions by 2050.

The CPRA wholeheartedly supports The Louisiana Department of Energy and Natural Resources Climate Pollution Reduction Grant application.

With Regards,

A handwritten signature in blue ink, appearing to read 'Maury Chatellier', with a stylized flourish at the end.

Maury O. Chatellier, P.E.
CPRA Executive Engineer



March 24, 2024

State of Louisiana
The Department of Energy and Natural Resources
Mr. Edward O'Brien, Senior Economist
617 N. 3rd Street
Baton Rouge, Louisiana 70802

RE: LETTER OF COMMITMENT - LOUISIANA CLIMATE POLLUTION REDUCTION GRANT

Dear Mr. O'Brien:

On behalf of Central Louisiana Regional Port, I am pleased to offer this Letter of Commitment for the **State of Louisiana's Climate Pollution Reduction Grant** application to the U.S. Environmental Protection Agency. The State of Louisiana will launch a transformative **Comprehensive Actions to Reduce Emissions (CARE) Initiative** to accelerate greenhouse gas (GHG) reductions across top ranking U.S. carbon-intense sectors with the strategic deployment of a suite of novel and viable GHG reduction measures as top regional priorities from the Louisiana Priority Climate Action Plan (PCAP).

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Central Louisiana Regional Port (CLRP) embodies a commitment to sustainable growth and environmental stewardship, extending its influence well beyond the confines of a conventional port to become a pivotal figure in Louisiana's GHG reduction strategies. Leveraging its advantageous position, flanked by the Red River, two class 1 rail systems, I-49, the proposed I-14, multiple highways, and near a power plant ready for up to 40% hydrogen use, CLRP is driving the hydrogen economy forward. This strategic placement, coupled with partnerships with the University of Louisiana and Global Gas Corporation for a RAISE grant to set up a hydrogen electrolysis unit, highlights our innovation and efforts to overcome renewable energy challenges through advanced technologies. Our collaboration with a leading electrical substation manufacturer accelerates offshore wind and solar projects, enhancing the grid for electric vehicles. Our initiative to build a resilient microgrid, transitioning to hydrogen fuel cells, and establishing environmental buffer zones, underscores our holistic approach to port development. This multifaceted strategy not only aims for high-reliability electricity and economic growth but also fosters green hydrogen production and environmental sustainability, marking CLRP's profound commitment to the prosperity and advancement of Central Louisiana.

The Central Louisiana Regional Port (CLRP) is spearheading innovative ventures that showcase our steadfast commitment to environmental innovation and stewardship, aligning closely with Louisiana's climate action

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COMMISSIONERS

President

*Daniel Lonsberry
Rapides Parish Police Jury*

*Dr. Haywood Joiner
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Vice-President

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*Basil Smith
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*Michael Grant
Rapides Parish Police Jury*

*Rev. Larry Turner
City of Alexandria*

aims. Our engagement in the Hydrogen Production initiative and the Hedgerow, Trees, and Wetland Mitigation Bank project exemplifies a holistic strategy towards mitigating climate change, bolstering regional economic growth, and enhancing ecological resilience. The Hydrogen Production project positions CLRP as a leader in renewable energy, utilizing various technologies to produce a mix of advanced hydrogen types and championing the shift towards a sustainable, low-carbon economy. Meanwhile, our investment in the development of hedgerows, trees, and a wetland mitigation bank across up to 300 acres signals our commitment to environmental preservation, GHG emissions reduction, and biodiversity, thereby supporting community wellbeing and economic uplift in underprivileged areas. Our proactive involvement ensures that these projects not only fulfill but surpass their intended environmental and community impact goals, demonstrating CLRP's integral role in driving forward the sustainable development and climate action agenda for Central Louisiana through strategic collaborations and innovative, sustainable solutions.

Partnering with Central Louisiana Regional Port (CLRP) will empower the State of Louisiana to significantly enhance the execution and outcomes of projects under the CPRG program, aligning with the objectives of achieving ambitious greenhouse gas (GHG) reduction, delivering substantial community benefits, leveraging complementary funding sources, and pioneering scalable, innovative programs. CLRP's advanced ventures in hydrogen production and environmental restoration uniquely position us to drive substantial cumulative GHG reductions, utilizing our expertise in renewable energy, carbon capture, and biodiversity enhancement. Our dedicated initiatives not only address climate change but also prioritize the well-being of low-income and disadvantaged communities through improved air quality and ecological health. By aligning our projects with other funding sources, CLRP amplifies the impact of GHG reduction measures and community benefits, ensuring efficient resource utilization. Furthermore, our commitment to innovation and sustainability sets a replicable model for ambitious environmental programs that can be adapted and scaled across multiple jurisdictions, thereby contributing to a broader, greener future. In collaboration with CLRP, Louisiana will accelerate towards its CPRG program goals, making significant strides in environmental stewardship and community resilience.

Sincerely,



Ben Russo
Executive Director

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COMMISSIONERS

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Rapides Parish Police Jury

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Rapides Parish Police Jury

Rev. Larry Turner
City of Alexandria

March 22, 2024

State of Louisiana
The Department of Energy and Natural Resources
Mr. Edward O'Brien, Senior Economist
617 N. 3rd Street
Baton Rouge, Louisiana 70802

RE: LETTER OF COMMITMENT - LOUISIANA CLIMATE POLLUTION REDUCTION GRANT

Dear Mr. O'Brien:

On behalf of the Greater Lafourche Port Commission, I am pleased to offer this Letter of Commitment for the **State of Louisiana's Climate Pollution Reduction Grant** application to the U.S. Environmental Protection Agency. The State of Louisiana will launch a transformative **Comprehensive Actions to Reduce Emissions (CARE) Initiative** to accelerate greenhouse gas (GHG) reductions across top ranking U.S. carbon-intense sectors with the strategic deployment of a suite of novel and viable GHG reduction measures as top regional priorities from the Louisiana Priority Climate Action Plan (PCAP).

The Louisiana CARE Initiative is focused on advancing electrification and decarbonization implementation programs in the hard to abate sectors as replicable models to be scaled up across Louisiana and the U.S. as pathways to commercial viability in order to achieve net zero emissions by 2050. Embedded in each of the Louisiana GHG reduction measures are efficient strategies to deliver immediate and long-lasting benefits to the 2.28 million low-income and disadvantaged population most vulnerable to climate threats and at-risk from GHG emissions from heavy industrial clusters.

The GLPC has a long history of environmental stewardship that can best be demonstrated through our many efforts in the realm of mitigation and using sediments to build up the land and marsh surrounding us. We are committed to the state's GHG reduction measures, specifically through our intent to install new shore power systems strategically throughout our port.

Furthermore, the GLPC is looking to be a forerunner in demonstrating how progressive an agency can and should be in an ever-changing landscape where emissions reduction measures are and should be calculated into any growth plans at a port.

The GLPC feels our support is critical, especially as our port, Port Fourchon, embarks on a project with Gulf Wind Technology to place the first wind turbine in state history at our Coastal Wetlands Park. We are fully aware of the needs to work toward emissions reductions in our local region, which speaks directly to why we

**Port Fourchon
Operations Center**

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**Greater Lafourche Port Commission
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Cut Off, LA 70345

Phone: (985) 632-6701
Fax: (985) 632-6703
Email: glpc@portfourchon.com

www.portfourchon.com

**GAO - South Lafourche
Leonard Miller, Jr. Airport**

149 King Air Drive
Galliano, LA 70354

Phone: (985) 475-6701

began proactively tracking our own emissions nearly two years ago with the use of 10 monitoring stations located throughout our port.

Data derived from these monitors is now forming a baseline for us to formalize an approach through projects such as shore power to reduce said emissions.

With meaningful projects like ours and others that align with the Louisiana CARE Initiative we can all collectively make a difference in advancing our respective goals as a state of achieving net zero emissions by 2050.

Sincerely,

A handwritten signature in blue ink, consisting of a stylized 'C' followed by a dot.

Chett Chiasson, MPA
Greater Lafourche Port Commission
Executive Director

Greater Lafourche Port Commission

Port Fourchon ♦ South Lafourche Leonard Miller, Jr. Airport

Ready Today. Ready for Tomorrow.



**PORT OF
COLUMBIA**

**Columbia Port
Commissioners**

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State of Louisiana
The Department of Energy and Natural Resources
Mr. Edward O'Brien, Senior Economist
617 N. 3rd Street
Baton Rouge, Louisiana 70802

March 22, 2024

RE: LETTER OF COMMITMENT - LOUISIANA CLIMATE POLLUTION REDUCTION GRANT

Dear Mr. O'Brien:

On behalf of Columbia Port Commission, I am pleased to offer this Letter of Commitment for the **State of Louisiana's Climate Pollution Reduction Grant** application to the U.S. Environmental Protection Agency. The State of Louisiana will launch a transformative **Comprehensive Actions to Reduce Emissions (CARE) Initiative** to accelerate greenhouse gas (GHG) reductions across top ranking U.S. carbon-intense sectors with the strategic deployment of a suite of novel and viable GHG reduction measures as top regional priorities from the Louisiana Priority Climate Action Plan (PCAP).

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The Columbia Port Commission is embarking on a significant investment of \$40 million in infrastructure upgrades to prepare our site for Louisiana Green Fuel's Biofuel Facility. This project integrates cutting-edge technologies such as biofuel gasification, carbon sequestration wells, and a biomass power plant, aimed at producing aviation fuel with the lowest carbon index nationwide. By aligning our operations with our tenant's commitment to decarbonization, we are collectively striving towards our shared vision of zero emissions.

Louisiana Green Fuels' ambitious development plans, including an 87 MW biomass power plant and the forthcoming permitting of a Title VI Carbon Sequestration well, position the Port of Columbia as a leader in economic opportunities for industries seeking sustainable, decarbonized facilities. Our port's steadfast dedication to decarbonization, electrification, and resilience is evident in our recent track record of state and federal grant applications. We value the leadership provided by Louisiana's Climate Pollution Reduction Grant and pledge our unwavering support for the Comprehensive Action to Reduce Emission Initiative.



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Columbia, LA 71418

Addressing core challenges outlined in the Priority Climate Action Plan (PCAP), the Port of Columbia has identified a range of essential GHG reduction measures. These include initiatives to: install a Railspur, reduce truck emissions, establish a Solar Farm for renewable energy generation, implement Energy Storage Systems, enhance electrification with access panels, adopt Shore power, create Green Space/buffer zones, expand Truck Parking facilities, develop an Emergency Staging area, and upgrade electrification for train tugs and material handlers. These measures represent a holistic approach towards sustainability that the Port of Columbia is committed to implementing, propelling us towards a greener and more resilient future.

The Columbia Port Commission will continue to champion the collaboration among all ports to collectively address decarbonization. We will assign our Port Director to assist in incorporating individual Port needs and goals into a strategic plan aligned with the Comprehensive Actions to Reduce Emissions Initiative. Through effective communication, incorporation, participation and implementation of a statewide plan, we believe we can ensure the success of the CARE program.

The collective commitment of the State of Louisiana to execute the Priority Climate Action Plan injects significant momentum into our port's endeavors. While advocating for decarbonization and zero emissions proves challenging, particularly in rural America, our port has already embarked on this journey. However, navigating through obstacles to achieve our goals independently is daunting. Demonstrating solidarity in decarbonization efforts across Louisiana is not just about perception; it's about making tangible strides towards a greener future. By fostering a sense of unity and shared purpose, we can translate the rhetoric of decarbonization into concrete actions, shaping the reality of a sustainable and resilient future for generations to come.

Our rural disadvantaged community in North Louisiana faces significant challenges, but our pursuit of grants serves as a beacon of hope. These grants not only bolster the infrastructure of our port but are intricately designed to uplift the well-being of our citizens. Illustrating this commitment are two notable grants we've secured: the RAISE Truck Parking Facility equipped with 12 EV charging stations, aimed at promoting the adoption of electric vehicles and mitigating the adverse effects of truck emissions in our locality, and the EDA Emergency Staging Area. This critical center serves as a lifeline during natural disasters, enhancing the resilience of our community in North Central Louisiana. These initiatives underscore our unwavering dedication to the betterment of our community, ensuring a safer, more sustainable future for all.

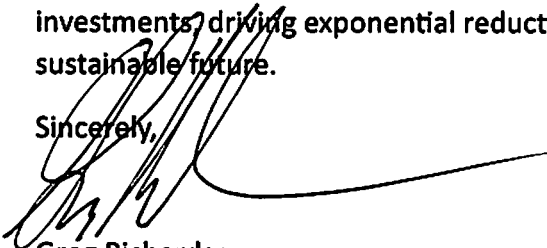
Despite our efforts, the Port has faced setbacks in securing federal assistance for electrification initiatives, including proposals for a 5MW solar farm, electrical equipment upgrades, energy storage solutions, an electrical infrastructure microgrid, and other electrification projects. Regrettably, none of these applications have met with success thus far. Reflecting on our experiences, it is our belief that our rural port lacks a comprehensive strategic plan to effectively demonstrate the necessity of these infrastructure developments and to ensure the successful

achievement of stated outcomes. We recognize the importance of having a clear roadmap that not only outlines the need for such initiatives but also delineates the steps necessary for their successful implementation. In light of this, we advocate for the development and implementation of a statewide program that would level the playing field and provide equal opportunities for rural, disadvantaged small ports like ours to actively participate in decarbonization initiatives. Such a program would not only facilitate access to resources and funding but also offer guidance and support in navigating the complex landscape of electrification projects. By fostering collaboration and providing the necessary framework, we believe that a statewide program holds the key to unlocking the potential for meaningful progress in our collective efforts towards decarbonization.

The Port of Columbia has achieved remarkable success in securing both state and federal funds, boasting a total of 9 grants amounting to \$38 million to date. Notably, our Truck Parking Facility and Emergency Staging areas are poised to serve as pilots for emulation by other port facilities. However, despite these achievements, certain restrictions placed on these grants have hindered our ability to integrate renewable energy and electrification initiatives. Recognizing the untapped potential, we envision leveraging the existing funding to propel our port towards decarbonization, positioning ourselves as the first decarbonized port in the state, thanks in part to our partnership with Louisiana Green Fuel. Our vision extends beyond mere sustainability; we aspire to transform the Port of Columbia into a Sustainable Energy Secure Hub, capable of meeting its energy needs through innovative solutions such as a microgrid powered by solar energy stored in batteries. This not only enhances our operational resilience but also serves as a beacon of sustainability for our community. Furthermore, our strategic location and ample land availability enable us to explore the development of green spaces, which can play a pivotal role in supporting statewide decarbonization efforts. Additionally, we are committed to addressing truck parking emissions through initiatives such as the deployment of algae bioreactors at our Truck Parking Facility. This pilot initiative not only showcases our commitment to reducing carbon emissions in concentrated areas but also serves as a buffer zone, mitigating the impact on our neighboring communities.

In closing, we emphasize the value of collaboration among the State of Louisiana and public ports. By pooling our resources and expertise, we can maximize the impact of federal investments, driving exponential reductions in carbon emissions and paving the way for a more sustainable future.

Sincerely,

A handwritten signature in black ink, appearing to read 'Greg Richardson', with a long horizontal flourish extending to the right.

Greg Richardson ,

Port Director

Columbia Port Commissioner



FUSIONONE
TURNING THE TIDE ON PLASTIC™

LDENR Grant Letter of Commitment

March 22, 2024

State of Louisiana
The Department of Energy and Natural Resources
Mr. Edward O'Brien, Senior Economist
617 N. 3rd Street
Baton Rouge, Louisiana 70802

RE: LETTER OF COMMITMENT - LOUISIANA CLIMATE POLLUTION REDUCTION
GRANT

Dear Mr. O'Brien:

On behalf of the Port of New Iberia and FusionOne Energy Corp, I am pleased to offer this Letter of Commitment for the State of Louisiana's Climate Pollution Reduction Grant application to the U.S. Environmental Protection Agency. The State of Louisiana will launch a transformative Comprehensive Actions to Reduce Emissions (CARE) Initiative to accelerate greenhouse gas (GHG) reductions across top ranking U.S. carbon-intense sectors with the strategic deployment of a suite of novel and viable GHG reduction measures as top regional priorities from the Louisiana Priority Climate Action Plan (PCAP).

The Louisiana CARE Initiative is focused on advancing electrification and decarbonization implementation programs in the hard to abate sectors as replicable models to be scaled up across Louisiana and the U.S. as pathways to commercial viability in order to achieve net zero emissions by 2050. Embedded in each of the Louisiana GHG reduction measures are efficient strategies to deliver immediate and long-lasting benefits to the 2.28 million low-income and disadvantaged population most vulnerable to climate threats and at-risk from GHG emissions from heavy industrial clusters.

The Port of New Iberia and FusionOne are collaborating to deploy a zero-emission infrastructure strategy at the Port to enable the onsite production, storage, and subsequent fueling of Hydrogen fuel vehicles. The infrastructure will be co-located with FusionOne's own Plastic to Hydrogen facility and aligns with its goals of achieving a zero-emission operation, including its material handling and logistics



fleet. Access to the fueling infrastructure will be Port-wide, with the exploration of marine vehicle fueling as the ultimate goal. Furthermore, to ensure green hydrogen is produced, solar and wind generation technology will be deployed alongside battery storage for the charging of Battery Electric Vehicles (BEV). This flexibility in zero-emission fueling infrastructure allows the Port of New Iberia and the surrounding businesses to adopt a multifaceted strategy for emission reduction, giving them freedom of choice over the vehicles deployed based on the duty cycle and use case of the individual entity. Additionally, with the deep water dredging currently underway for the Port channel and the increasing trend for e-methanol powered deep water vehicles being purchased, this site will offer further flexibility for onsite production. The expertise in handling hydrogen and zero-emission technologies, currently a niche employment area, will be built up and become essential to any local e-methanol production.

FusionOne and the Port are committed to deploying these technologies and will be actively involved in planning, tracking, implementing, and maintaining the project as part of our dedication to a zero-emission logistics and supply chain at our operations. This commitment extends to advocating these technologies to local businesses, which will include the training and demonstration of the equipment as well as future testing and trials for new marine craft, such as hydrogen or BEV powered tugs, barges, or vehicles supporting Gulf of Mexico offshore wind installations. Our long-term involvement underscores our dedication not only to the success of this project but also to the broader goals of the State of Louisiana in reducing GHG emissions, advancing industrial electrification, and promoting resilient clean ports among others. By integrating these efforts, we aim to significantly contribute to the State's GHG reduction measures, including hydrogen economy enhancement and sustainable agriculture, among others.

The outputs from this project are expected to serve as a blueprint for replication across Ports and other sites in Louisiana, bringing numerous additional benefits, both economic and environmental. A significant amount of GHG emissions will be avoided and reduced through the deployment of these high-duty-cycle vehicles, especially at high throughput Ports where adoption is generally slower due to the need for proven, reliable technology. These Ports are often located in areas with a high density of warehousing, which results in high PM2.5 emissions, in addition to the usual GHG emissions. These warehouses invariably border low-income areas of higher-than-average minority populations, resulting in health issues. The reduction in these particulates and GHGs will have significant benefits for these communities. Furthermore, the introduction of new technologies will require new skills and training, fostering a buildup of knowledge that currently exists in limited geographic locations, mostly in California. Our partnership with the State of Louisiana will enable a more effective implementation of the CARE Initiative, achieving ambitious GHG reduction targets and substantial community benefits, particularly in low-income and disadvantaged communities. Through our support, the project will not only complement other funding sources to maximize GHG reduction measures and community benefits but also pursue innovative, replicable programs that can be scaled across multiple jurisdictions.



In summary, FusionOne's unwavering commitment to the Port of New Iberia project embodies a comprehensive approach to sustainable development and GHG reduction. By leveraging our expertise and resources, we are poised to make a substantial impact in the fight against climate change while fostering economic growth and community health. We look forward to collaborating closely with the State of Louisiana and the EPA to bring this visionary project to fruition.

Sincerely,

Elliott Talbott
CEO, FusionOne Energy Corp.

March 22, 2024

State of Louisiana
The Department of Energy and Natural Resources
Mr. Edward O'Brien, Senior Economist
617 N. 3rd Street
Baton Rouge, Louisiana 70802



**Lake Charles
Harbor
& Terminal
District**

Post Office Box 3753
Lake Charles, LA 70602
Phone 337-439-3661
Facsimile 337-493-3523

RE: LETTER OF COMMITMENT - LOUISIANA CLIMATE POLLUTION
REDUCTION GRANT

Dear Mr. O'Brien:

On behalf of the Lake Charles Harbor & Terminal District (District), I am pleased to offer this Letter of Commitment for the State of Louisiana's Climate Pollution Reduction Grant (CPRG) application to the U.S. Environmental Protection Agency. The State of Louisiana will launch a transformative Comprehensive Actions to Reduce Emissions (CARE) Initiative to accelerate greenhouse gas (GHG) reductions across top ranking U.S. carbon-intense sectors. This initiative will utilize the strategic deployment of a suite of novel and viable GHG reduction measures as top regional priorities from the Louisiana Priority Climate Action Plan (PCAP).

The Louisiana CARE Initiative is focused on advancing electrification and decarbonization implementation programs in the hard-to-abate sectors. The initiative will develop the program as replicable models to be scaled up across Louisiana and the U.S. as pathways to commercial viability, in order to achieve net zero emissions by 2050. Embedded in each of the Louisiana GHG reduction measures are efficient strategies to deliver immediate and long-lasting benefits to the 2.28 million low-income and disadvantaged population; the most vulnerable to climate threats and at-risk from GHG emissions from heavy industrial clusters.

The District is actively working to develop numerous climate pollution reduction projects that support the State of Louisiana's eight GHG reduction measures: hydrogen economy, industrial electrification, N₂O abatement, resilient clean ports, port buffer zones, sustainable agriculture, offshore wind acceleration, and methane detection. Specifically, the District is working with various partners to develop ammonia and hydrogen projects on District owned property, as well as liquid loading terminals to export the products. Additionally, the District is permitting and designing the first phase of an OSW Marshalling Port at the Industrial Canal facility.



The site has a long history of offshore fabrication and construction and will soon be repurposed to support the offshore wind development in the Gulf of Mexico. Furthering our push for a resilient clean port, the District is also planning more shore power locations to add to our existing shore power project to promote the reduction of greenhouse gases from vessels running their engines while at berth.

The District is the active participant working on planning, funding the local match, and managing both the design and construction of all previously mentioned projects. Thus, having a vested interest in seeing these projects through to a successful completion.

The inclusion of the District as a project partner will allow the State of Louisiana to more effectively perform the project and achieve the CPRG program objectives by bringing an active, experienced partner that has a long history of pursuing large scale projects to completion. With experience in implementing previous shore power projects and other large-scale green and blue projects the District can contribute significantly to GHG reductions by 2030 and beyond.

Sincerely,

Richert L. Self
Executive Director

RLS/kmb

State of Louisiana
The Department of Energy and Natural Resources
Mr. Edward O'Brien, Senior Economist
617 N. 3rd Street
Baton Rouge, Louisiana 70802

March 23, 2024

RE: LETTER OF COMMITMENT - LOUISIANA CLIMATE POLLUTION REDUCTION GRANT

Dear Mr. O'Brien:

On behalf of Vidalia Port Commission, Lake Providence Port Commission and the Tensas Parish Port we are pleased to offer this Letter of Commitment for the **State of Louisiana's Climate Pollution Reduction Grant** application to the U.S. Environmental Protection Agency. The State of Louisiana will launch a transformative **Comprehensive Actions to Reduce Emissions (CARE) Initiative** to accelerate greenhouse gas (GHG) reductions across top ranking U.S. carbon-intense sectors with the strategic deployment of a suite of novel and viable GHG reduction measures as top regional priorities from the Louisiana Priority Climate Action Plan (PCAP).

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Representing some of the most economically challenged districts not only in Louisiana but in the nation, the Port Commissions we represent are committed to leveraging the potential of our public ports to uplift the communities we serve. Our ports, though operating at different capacities, share a common struggle in securing adequate funding to support their growth and development.

Currently, our focus lies on expanding our infrastructure, notably through the extension of rail service from Madison Parish Port to Vidalia, a project that holds promise for bolstering regional connectivity and economic vitality. Our endeavors underscore the synergy achievable when communities and ports collaborate effectively.

In alignment with the Priority Climate Action Plan (PCAP), we have identified a suite of imperative measures aimed at reducing greenhouse gas emissions (GHGs) and fostering sustainability. These initiatives encompass the development of our proposed rail line, mitigation

of truck emissions, establishment of a microgrid utilizing solar with batteries, and creation of green spaces.

Moreover, our commitment extends to supporting the Louisiana Priority Climate Action Plan and actively contributing to the successful realization of the CARE program. However, despite our relentless pursuit of grants, we often find ourselves constrained by limited resources and capacity, necessitating difficult choices between immediate needs and long-term decarbonization objectives.

While federal funds have been set aside for rural disadvantaged communities, the criteria outlined in the IIJA emphasize climate change, decarbonization, environmental justice, and specific site plans. This emphasis often places a burden on small ports, resulting in failed applications. We envision the development and implementation of a statewide program aimed at leveling the playing field and providing equal opportunities for rural, disadvantaged small ports like ours to actively engage in decarbonization initiatives. Such a program would not only streamline access to resources and funding but also offer valuable guidance and support in navigating the complexities of electrification projects. Through fostering collaboration and establishing a necessary framework, we firmly believe that a statewide program holds the key to unlocking the potential for meaningful progress in our collective efforts towards decarbonization.

In conclusion, collaboration between the State of Louisiana and public ports. Consolidating our efforts, maximize federal investments, reduce carbon emissions and secure a more sustainable future.

Sincerely,



Bryant Killen

Deputy Director

Vidalia Port Commission / Tensas Parish Port / Lake Providence Port Commission

TERREBONNE PORT COMMISSION

Paul "Bill" Purvis
President
Steve Crispino
Vice-President
Greg Landry
Secretary
David Rabalais
Executive Director



Joe Caldwell
Member
John DeBlieux
Member
Dan Davis
Member
Jacob Brown
Member

March 22, 2024

State of Louisiana
The Department of Energy and Natural Resources
Mr. Edward O'Brien, Senior Economist
617 N. 3rd Street
Baton Rouge, Louisiana 70802

RE: LETTER OF COMMITMENT - LOUISIANA CLIMATE POLLUTION
REDUCTION GRANT

Dear Mr. O'Brien:

On behalf of Terrebonne Port Commission (TPC), I am pleased to offer this Letter of Commitment for the **State of Louisiana's Climate Pollution Reduction Grant** application to the U.S. Environmental Protection Agency. The State of Louisiana will launch a transformative **Comprehensive Actions to Reduce Emissions (CARE) Initiative** to accelerate greenhouse gas (GHG) reductions across top ranking U.S. carbon-intense sectors with the strategic deployment of a suite of novel and viable GHG reduction measures as top regional priorities from the Louisiana Priority Climate Action Plan (PCAP).

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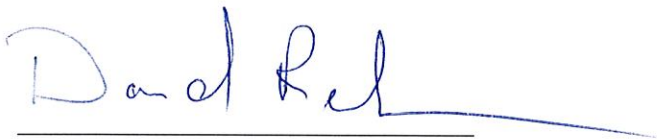
TPC is located in a heavy industrial zone on the east side of Houma, Terrebonne Parish. One half mile to the east of the port's property is a charity hospital, Chabert Memorial Hospital. TPC would like to dedicate some property adjacent to the hospital to serve as a buffer zone. The vision is to build a wetland sanctuary surrounded by cypress trees with a series of walkways and rest areas with picnic tables. This would not only block the view of industry from the hospital but also serve as a natural tranquil scenic area for the hospital residents and family to enjoy and relax the stresses associated with a hospital stay.

The wetland sanctuary would be created by utilizing natural vegetation that provides wildlife habitats, noise and air pollution reduction and serve as a retention area for storm water runoff. TPC is committed to a cleaner environment and will maintain this sanctuary after it is created.

TPC will have the sanctuary designed and participate in the construction oversight. Once completed, TPC will ensure that the upkeep and maintenance is handled efficiently and on a regular basis. The benefits to the community are substantial in many ways. It will buffer the noise, enhance the air quality and serve as a storm water runoff retention area to prevent the hospital from flooding issues. The hospital is also adjacent to a low-income subdivision. The sanctuary can also serve as an educational benefit by holding field trips for school children that teaches them about nature and the environment.

Sincerely,

TERREBONNE PORT COMMISSION

A handwritten signature in blue ink, appearing to read "David Rabalais", with a long horizontal line extending to the right.

David Rabalais
Executive Director

HOWARD ROMERO
PRESIDENT
THOMAS COX
VICE PRESIDENT
SHEILA MILLER
SECRETARY
DWIGHT SAVOIE
TREASURER



ALFRED DEVALI II
NATHAN GRIFFITH
TREMAYNE PICOU
BRENT MORALES
KEVIN VINCENT
VINCE THERIOT
JOSEPH DEVALI SR.

P.O. Box 1271
180 Henry Street
Cameron, LA 70631
337-775-5206
www.cameronparishport.com

March 22, 2024

State of Louisiana
The Department of Energy and Natural Resources
Mr. Edward O'Brien, Senior Economist
617 N. 3rd Street
Baton Rouge, Louisiana 70802

**RE: LETTER OF COMMITMENT - LOUISIANA CLIMATE POLLUTION
REDUCTION GRANT**

Dear Mr. O'Brien:

On behalf of The Cameron Parish Port, Harbor and Terminal District, I am pleased to offer this Letter of Commitment for the State of Louisiana's Climate Pollution Reduction Grant application to the U.S. Environmental Protection Agency. The State of Louisiana will launch a transformative Comprehensive Actions to Reduce Emissions (CARE) Initiative to accelerate greenhouse gas (GHG) reductions across top ranking U.S. carbon-intense sectors with the strategic deployment of a suite of novel and viable GHG reduction measures as top regional priorities from the Louisiana Priority Climate Action Plan (PCAP).

The Louisiana CARE Initiative is focused on advancing electrification and decarbonization implementation programs in the hard to abate sectors as replicable models to be scaled up across


Louisiana and the U.S. as pathways to commercial viability in order to achieve net zero emissions by 2050. Embedded in each of the Louisiana GHG reduction measures are efficient strategies to deliver immediate and long-lasting benefits to the 2.28 million low-income and disadvantaged population most vulnerable to climate threats and at-risk from GHG emissions from heavy industrial clusters.

The Cameron Parish Port, Harbor and Terminal District (Cameron Parish Port) exemplifies a steadfast dedication to the Comprehensive Actions to Reduce Emissions Initiative through its robust, long-term commitment. Embracing sustainability as a cornerstone of its planning initiative the Cameron Parish Port is committed to the State of Louisiana's eight greenhouse gas reduction measures: hydrogen economy, industrial electrification, N₂O abatement, resilient clean ports, port buffer zones, sustainable agriculture, offshore wind acceleration, and methane detection. With approximately 20 miles of The Calcasieu Ship Channel, running directly through the middle of the Cameron Parish Port, becoming busier by the day and plans in motion to deepen the channel in the near future, The Cameron Parish Port is poised to become the perfect location for port buffer zones. With the BOEM federal wind lease situated 40 miles off the coast of Cameron, and the Louisiana State Wind lease merely less than 3 miles from its shores, the Cameron Parish Port emerges as the prime contender for offshore wind development. Being in close proximity to both leases, positions the Cameron Parish Port as an ideal hub for logistical support, construction, and maintenance activities essential for the burgeoning offshore wind sector. This confluence of factors not only enhances the port's economic prospects, but also underscores its pivotal role in driving sustainable energy initiatives along the Louisiana coast. Additionally, Cameron Parish has evolved into a hotspot for carbon capture and sequestration (CCS) activities. With its strategic location, ideal geological characteristics, abundant natural resources, and growing liquified natural gas (LNG) infrastructure, the parish is increasingly recognized as a vital hub for addressing carbon emissions. CCS initiatives in Cameron Parish offer a promising pathway to mitigate greenhouse gas emissions thereby contributing to the global efforts to combat climate change. The convergence of offshore wind development and CCS activities further solidifies the Cameron Parish Port's position as a key player in the transition towards a more sustainable and environmentally responsible energy landscape.

If awarded the \$5,000,000 ask from the State of Louisiana's Climate Pollution Reduction Grant (CPRG), The Cameron Parish Port will purchase key property in which we are currently in negotiations to purchase, and work closely with Worley on planning and designing this additional property to meet as many of the eight State of Louisiana's greenhouse gas reduction measures as possible.

Having the Cameron Parish Port as a partner and supporting organization would significantly bolster the effectiveness of initiatives aimed at achieving the objectives outlined in the CPRG initiatives. By leveraging the Cameron Parish Port's logistical infrastructure at the mouth of the Calcasieu Ship Channel which services the Port of Lake Charles, the 14th largest port in the nation, and the fact that the Cameron Parish Port is in its early planning and design stage, projects focused on implementing ambitious measures to reduce greenhouse gas (GHG) emissions by 2030 and beyond could be planned and designed according to best practices, enabling smoother implementation and operation. Additionally, the Cameron Parish Port's involvement would enhance the potential of achieving substantial community benefits, such as reducing hazardous air pollutants, especially in our disadvantaged community, aligning with the CPRG program's goal of fostering environmental equity. Furthermore, by complementing the other funding sources already committed to CCS and offshore wind development, the partnership with the Cameron Parish Port would maximize the impact of GHG reduction measures and community benefits, ensuring that resources are utilized efficiently. Lastly, the Cameron Parish Port's collaboration would facilitate the pursuit of innovative programs that are replicable and scalable across multiple jurisdictions, amplifying the reach and impact of sustainable initiatives. Overall, integrating the Cameron Parish Port into these efforts would accelerate progress towards achieving the CPRG program's objectives while fostering resilience and sustainability in the region.

Sincerely,

 3/22/2024

Kim Montie, Executive Director

CAMERON PARISH PORT HARBOR & TERMINAL DISTRICT



March 22, 2024

State of Louisiana
The Department of Energy and Natural Resources
Mr. Edward O'Brien, Senior Economist
617 N. 3rd Street
Baton Rouge, Louisiana 70802

RE: LETTER OF COMMITMENT - LOUISIANA CLIMATE POLLUTION REDUCTION GRANT

Dear Mr. O'Brien:

On behalf of the University of Louisiana at Lafayette (UL), I am pleased to offer this Letter of Commitment for the State of Louisiana's Climate Pollution Reduction Grant application to the U.S. Environmental Protection Agency. The State of Louisiana will launch a transformative Comprehensive Actions to Reduce Emissions (CARE) Initiative to accelerate greenhouse gas (GHG) reductions across top ranking U.S. carbon-intense sectors with the strategic deployment of a suite of novel and viable GHG reduction measures as top regional priorities from the Louisiana Priority Climate Action Plan (PCAP).

The Louisiana CARE Initiative is focused on advancing electrification and decarbonization implementation programs in the hard to abate sectors as replicable models to be scaled up across Louisiana and the U.S. as pathways to commercial viability in order to achieve net zero emissions by 2050. Embedded in each of the Louisiana GHG reduction measures are efficient strategies to deliver immediate and long-lasting benefits to the 2.28 million low-income and disadvantaged population most vulnerable to climate threats and at-risk from GHG emissions from heavy industrial clusters.

The University of Louisiana at Lafayette has a 125 year-long track record of successful collaborations among government, industry, non-profits, and communities across the State of Louisiana which will support of all eight of the state's Priority Climate Action Plan GHG reduction measures: hydrogen economy, industrial electrification, N₂O abatement, resilient clean ports, port buffer zones, sustainable agriculture, offshore wind acceleration, and methane detection. In fact, the University is rated third in the nation among R1 research universities by the National Science Foundation for our extensive collaborations with industry. The trust we have built through these efforts, with both industry and the communities in which they are located across the state, will be essential to the success of this project.

For this project, the University will: 1) conduct techno-economic studies of the various proposed GHG reducing technologies, 2) provide technical assistance to industry and public bodies, 3) perform

outreach and education, 4) provide workforce training, 5) provide small and minority-owned business support, and 6) lead the state-wide effort to ensure that the benefits of the Priority Climate Action Plan will actually accrue to Louisiana communities through high-quality job creation, significant reductions of toxic air pollutants, community resilience measures, and enhanced quality of livelihoods.

The University has over forty faculty members working in research areas such as green hydrogen, environmental stewardship, and renewable energy that will directly support the State's efforts to: 1) implement ambitious measures to achieve significant cumulative GHG reductions by 2030 and beyond, 2) achieve substantial community benefits (such as reduction in hazardous air pollutants, particularly in low-income and disadvantage communities, 3) complement other funding sources to maximize GHG reduction measures and community benefits, and 4) pursue innovative programs that are replicable and can be scaled up across multiple jurisdictions. We enthusiastically support this application.

Please feel free to contact me at 337-482-6541 should you need further clarifications.

Sincerely,



Ramesh Kolluru

Vice President for Research, Innovation, and Economic Development
University of Louisiana at Lafayette - A Carnegie R1 Research University
PO Box 42570, Lafayette, LA 70504
Cell: 337-739-1579
Email: Ramesh.Kolluru@louisiana.edu



March 26, 2024

State of Louisiana
The Department of Energy and Natural Resources
Mr. Edward O'Brien, Senior Economist
617 N. 3rd Street
Baton Rouge, Louisiana 70802

RE: LETTER OF COMMITMENT - LOUISIANA CLIMATE POLLUTION REDUCTION GRANT

Dear Mr. O'Brien,

On behalf of Xavier University of Louisiana (XULA), I am pleased to offer this Letter of Commitment in strong support of the State of Louisiana's Climate Pollution Reduction Grant (CPRG) application to the U.S. Environmental Protection Agency (EPA).

XULA is a leading Historically Black College and University (HBCU) with a long-standing commitment to environmental justice and sustainability. We are particularly enthusiastic about the Louisiana Comprehensive Actions to Reduce Emissions (CARE) Initiative, and believe it aligns perfectly with our mission to address critical issues facing our communities.

XULA's Strong, Long-Term Involvement

XULA is committed to the success of the CARE Initiative throughout its lifecycle. We will leverage our expertise in the following areas to support all eight proposed GHG reduction measures:

- **Hydrogen Economy & Sustainable Agriculture:** Our Chemistry and Environmental Science departments will contribute research and development on clean hydrogen production and sustainable agricultural practices, respectively.
- **Industrial Electrification & N2O Abatement:** Our College of Engineering will collaborate with industry partners to develop and pilot electrification and N2O abatement technologies.
- **Resilient Clean Ports & Port Buffer Zones:** Our Urban Affairs Center will contribute expertise in urban planning and green infrastructure to design resilient and sustainable port facilities.
- **Offshore Wind Acceleration & Methane Detection:** Our Center for Environmental & Geophysical Services will provide technical assistance in wind farm development and methane emission monitoring.

Direct Participation and Project Design

XULA faculty and students will actively participate in the design and performance of the CARE Initiative. We will:

- Embed CARE Initiative goals into relevant academic programs, research opportunities focused on GHG reduction strategies.

- Organize workshops and training sessions to educate stakeholders on the benefits of the CARE Initiative and empower communities to participate.
- Partner with industry and government agencies to develop and test pilot projects within each GHG reduction measure.

Benefits of XULA's Partnership

XULA's involvement as a project partner will significantly enhance the State of Louisiana's CPRG application and its ability to achieve program objectives:

1. **Ambitious GHG Reductions:** XULA's research and technical expertise will directly contribute to the development and implementation of innovative GHG reduction technologies.
2. **Community Benefits:** Our focus on environmental justice ensures the CARE Initiative prioritizes the needs of low-income and disadvantaged communities, maximizing health benefits and creating green jobs.
3. **Complementary Funding:** XULA can leverage existing grants and partnerships to secure additional resources and amplify the impact of the CARE Initiative.
4. **Scalable and Replicable Programs:** Through our educational programs and community engagement efforts, XULA will ensure the CARE Initiative's solutions are replicable and transferable to other regions.

We at XULA are confident that our long-term commitment, expertise, and community focus will make a significant contribution to the success of the Louisiana CARE Initiative. We look forward to partnering with the State of Louisiana in achieving a more sustainable future.

Sincerely,



Anderson Sunda-Meya, Ph.D.
Dean, College of Arts & Sciences
Xavier University/State of Louisiana Endowed Chair in Science
Professor, Department of Physics and Computer Science

March 28, 2024

State of Louisiana
The Department of Energy and Natural Resources
Mr. Edward O'Brien, Senior Economist
617 N. 3rd Street
Baton Rouge, Louisiana 70802

RE: LETTER OF COMMITMENT - LOUISIANA CLIMATE POLLUTION REDUCTION GRANT

Dear Mr. O'Brien:

On behalf of Together Louisiana, I am pleased to offer this Letter of Commitment for the **State of Louisiana's Climate Pollution Reduction Grant** application to the U.S. Environmental Protection Agency. The State of Louisiana will launch a transformative **Comprehensive Actions to Reduce Emissions (CARE) Initiative** to accelerate greenhouse gas (GHG) reductions across top ranking U.S. carbon-intense sectors with the strategic deployment of a suite of novel and viable GHG reduction measures as top regional priorities from the Louisiana Priority Climate Action Plan (PCAP).

The Louisiana CARE Initiative is focused on advancing electrification and decarbonization implementation programs in the hard to abate sectors as replicable models to be scaled up across Louisiana and the U.S. as pathways to commercial viability in order to achieve net zero emissions by 2050. Embedded in each of the Louisiana GHG reduction measures are efficient strategies to deliver immediate and long-lasting benefits to the 2.28 million low-income and disadvantaged population most vulnerable to climate threats and at-risk from GHG emissions from heavy industrial clusters.

Together Louisiana supports the Louisiana CARE Initiative to build upon Louisiana's Climate Action Plan to reduce the climate impact of hard to abate sectors of our state's economy. Since 2022, Together Louisiana has played a leading role in implementing low carbon technologies to address community resilience and strengthen community ownership of renewable energy resources through our nationally recognized Community Lighthouse project.

We represent a coalition made up of 200 community institutions predominantly located in disadvantaged communities throughout the state. Our member institutions support efforts like the Louisiana CARE Initiative to reduce the environmental and public health impact of Louisiana industry, including efforts to reduce GHG emissions and meet Louisiana's climate action goals.

Ensuring that disadvantaged communities have a seat at the table throughout the implementation of Louisiana CARE initiative is critical for project benefits to flow to the most heavily impacted communities. TLA is committed to continued engagement with the project team and DENR throughout the performance period to ensure that the project proceeds in a manner that is informed by and responsive to the needs of our constituents.

Sincerely,



Broderick Bagert, Lead Organizer, Together Louisiana