Appendix B: Budget Narrative

The Louisiana CARE Initiative Budget for the CPRG five-year program period from October 1, 2024, through September 30, 2029 is summarized below by year and by GHG reduction measure applying an efficient operating model leveraging existing programs, gaining synergies from complimentary statewide initiatives, and consistent with the State of Louisiana's lean government approach. Refer to the attached CPRG budget calculations for the specifics to supplement Appendix B: Budget Narrative.

Budget Summary

Table 1.0 Louisiana CARE Initiative Budget Summary by Year

CATEGORY	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
TOTAL PERSONNEL	$241,500	$248,745	$256,207	$263,894	$271,810	$1,282,156
TOTAL FRINGE BENEFITS	$96,600	$99,498	$102,483	$105,557	$108,724	$512,863
TOTAL TRAVEL	$12,900	$12,900	$12,900	$12,900	$12,900	$64,500
TOTAL EQUIPMENT	$26,000	$0	$0	$0	$0	$26,000
TOTAL SUPPLIES	$17,400	$0	$0	$0	$0	$17,400
TOTAL CONTRACTUAL	$8,958,000	$75,970,500	$68,020,500	$68,020,500	$62,520,500	$283,490,000
TOTAL OTHER	$0	$0	$0	$0	$0	$0
TOTAL DIRECT	$9,352,400	$76,331,643	$68,392,090	$68,402,851	$62,913,935	$285,392,919
TOTAL INDIRECT	$935,240	$7,633,164	$6,839,209	$6,840,285	$6,299,182	$28,547,081
TOTAL FUNDING	**$10,287,640**	**$83,964,807**	**$75,231,299**	**$75,243,136**	**$69,213,117**	**$313,940,000**

Table 2.0 Louisiana CARE Initiative Budget by GHG Reduction Measure

GHG REDUCTION MEASURE	TOTAL	% of TOTAL
1. Hydrogen Economy	$113,437,440	36%
2. Industrial Decarbonization	$55,404,651	18%
3. N2O Abatement	$16,629,651	5%
4. Clean Resilient Ports	$81,969,651	26%
5. Port Buffer Zone	$21,029,651	7%
6. Sustainable Agriculture	$7,829,651	2%
7. Clean Energy Acceleration	$8,929,651	3%
8. Nature-Based Solutions	$8,709,651	3%
TOTAL FUNDING	**$313,940,000**	**100%**

The Louisianan CARE Initiative is allocating budget dollars to prioritized GHG reduction measures aligned with the interests of regional economic stakeholders and communities who share the commitment to transition Louisiana as a globally competitive energy region to carbon neutrality by 2050 by catalyzing public-private investments towards the clean hydrogen economy, industrial decarbonization, resilient clean ports, clean energy acceleration to enable offshore wind and large-scale solar power, and nature-based solutions across ports and wetlands as carbon sequestration assets and community green spaces.

Personnel and Indirect Costs

Personnel and Indirect Costs: The State of Louisiana will hire three full-time professionals with the relevant expertise to co-lead the CARE Initiative in collaboration with the State's accounting, legal, procurement, and other key functions. Staffing for the CARE Initiative applies the State of Louisiana's lean government operating model. Personnel costs are derived from labor benchmarks and in compliance with the State of Louisiana labor policies and procedures. To ensure a successful CPRG program on budget and on time delivering the significant GHG emissions reductions with transformative and long-lasting co-benefits, the State has applied a 10% indirect rate to the award program cost of $285 million, amounting to $30,450,000 of total personnel and indirect costs. The newly hired professions and the indirect costs will ensure an efficient and effective implementation of the program.

Table 3.0 CARE Initiative Budge: Personnel and Indirect Costs

PERSONNEL AND INDIRECT COSTS	BUDGET
Program Manager @ $92,500/yr, 1 FTE with salary increase 3%	$491,095
Program Staff @ $74,000 1 FTE each year with salary increase 3%	$392,876
Grant Contract Coorindator @ $75,000/yr, 1 FTE with salary increase 3%	$398,185
TOTAL PERSONNEL	$1,282,156
Full-time Employees @ 40% of salary	$512,863
TOTAL FRINGE BENEFITS	$512,863
Travel for conference and workshop presentations:	
Airfare - $500 roundtrip @ 8 roundtrip per year	$20,000
Hotel - $250 per day @ 3 days @ 8 trips per year	$30,000
Per Diem - $75 per day @ 3.5 days @ 8 trips per year	$10,500
Transportation Allowance - $100 @ 8 trips per year	$4,000
TOTAL TRAVEL	$64,500
Building Thermal Images ($6,500/each for 4)	$26,000
TOTAL EQUIPMENT	$26,000
Laptop Computer ($2,500/each for 3 newly hired program personnel)	$7,500
Home Office Printer ($1,000/each for 3 newly hired program personnel)	$3,000
Home Office Display Monitor ($1,000/each for 3 newly hired program personnel)	$3,000
Home Office Deck ($800/each for 3 newly hired program personnel)	$2,400
Home Office Chair ($500/each for 3 newly hired program personnel)	$1,500
TOTAL SUPPLIES	$17,400
TOTAL DIRECT	$1,902,919
State Labor Indirect Rate 10% of $285,392,919 Total Program Cost	$28,539,292
Rounding Adjustment	$7,789
TOTAL INDIRECT	$28,547,081
TOTAL PERSONNEL AND INDIRECT COSTS	**$30,450,000**

Fringe Benefits: Fringe benefits constitute 40 % of the base salaries for the three newly hired program personnel to cover health insurance, retirement, vacation, disability plans, medial leave, and various ordinary and prudent benefit plans consistent with State of Louisiana labor policies and practices.

Travel: The State of Louisiana has allocated DENR leadership members funds for professional development and stakeholder workshops relevant to the successful implementation of the CPRG Program, CARE Initiative, which consists of eight technical training and/or stakeholder workshops annually totaling forty out-of-state sessions over the CPRG five-year award period.

Equipment: The CPRG budget includes four building thermal image devices to support GHG reduction measures pertaining to industrial decarbonization by detecting energy efficiency opportunities at sites.

Supplies: In today's work environment post COVID-19, the State of Louisiana offers home office supplies as part of the standard hybrid work environment to employed and newly hired professionals. The CPRG budget allocates ordinary and necessary home office supplies to conduct work remotely.

Indirect: The State has applied a 10% indirect rate to the award program cost of $285 million, amounting to $30,450,000 of total personnel and indirect costs. The indirect rate is prudent and avoids the State of Louisiana from incurring operating losses towards CPRG implementation activities.

Contractual Costs

CATEGORY	TOTAL
Task 1.0 Clean Hydrogen Economy ($0.5M/study for 4; $3.75M/blueprint for 2; contract experts at $1.3M/yr)	$16,000,000
Task 1.1 Hydrogen Upstream Production ($16M/demonstration project for 4 projects)	$64,000,000
Task 1.2 Hydrogen Downstream Use ($1.25M/corridor for all major Louisiana 16 corridors)	$20,000,000
Task 2.1 Industrial Decarbonization ($3M/project for 7 projects)	$21,000,000
Task 2.2 Industrial CCS - ($3.75M/project for 7 projects)	$26,250,000
Task 3.1 N2O Abatement ($4M/site for 3 sites)	$12,000,000
Task 4.1 Port Shore Power ($1M/unit at all 32-Ports and $0.5M/study for 1 study)	$32,500,000
Task 4.2 Port Community Resilience Hubs ($1.2M/hub at all 32-Ports and $0.5M/study for 1 study)	$38,900,000
Task 5.1 Port Buffer Zone Program ($.5M/port at all 32-Ports)	$16,000,000
Task 6.1 Sustainable Agriculture Innovative Program ($4M to farmers on acreage burn reduction actions)	$4,000,000
Task 7.1 Clean Energy Acceleration ($5M on new grid capacity to enable coffshore wind and large scale solar)	$5,000,000
Task 8.0 Blue Carbon Research and Accreditation	$2,400,000
Task 8.1 Community Forestry and Greening	$2,400,000
Workforce Development and Apprenticeship Program (contract educational entities to develop 600 trainees) ALLOCATED	$13,500,000
Community Engagement and Education (64 Parishes + 4 Tribal Nations) 68 events twice/year @$3k/event ALLOCATED	$2,040,000
Technical Assistance (contract environmental and energy experts to supplement state personnel) ALLOCATED	$7,500,000
TOTAL CONTRACTUAL	**$283,490,000**
TOTAL PERSONNEL AND INDIRECT COSTS - ALLOCATED	$30,450,000
TOTAL FUNDING	**$313,940,000**

Approach: The Louisiana CARE Initiative is designed to launch a diverse and complimentary suite of eight GHG reduction measures embedded with workforce development, community education and education, and technical assistance offerings. To deliver on the CARE Initiative eight GHG reduction measures with co-benefits, the State of Louisiana has allocated $283,490,000 towards contractual costs that will be awards through a competitive solicitation process aimed to drive cost competitive prices for the best suited third-party trusted contracts who share the commitment of accelerating GHG reduction emissions and empowering LIDAC communities to be trained and employed in emerging fields.

Contractual: To supplement the dedicated State of Louisiana personnel focused on the successful implementation of the CARE Initiative eight GHG reduction measures, the State will initiative competitive solicitation process to contract engineering firms, energy and environmental experts, professional services, and project developers to help the State execute the GHG reduction measures and co-benefits in full compliance with EPA guidance, CRPG award program reporting requirements, and State of Louisiana policies, procedures, and reporting standards.

Workforce Development: The State of Louisiana is exposed to a high risk of labor displacement in traditional oil and gas industries to the rapidly growing global and U.S. emerging markets across offshore wind, solar power generation, clean hydrogen economic development, industrial decarbonization, and sustainable agriculture. The Louisiana CARE Initiative is designed in collaboration with major state industrial employers and high education institutions to create new apprenticeship programs and highly skilled certifications across the eight GHG reduction measures representing local and inclusive high-quality jobs across the array of emerging fields to transition economies to carbon neutrality by 2050. The workforce development goal is to train a minimum of 600 trainees over the CPRG five-year program period. Trainees will be well equipped to access and hold a stable high-quality job over the next three decades that is intended to break the cycle of generational poverty for Louisianans who represent nearly half the total population of the State of Louisiana.

Community Engagement and Education: In order to engage and educate communities across 64 parishes, 32 ports, and four Tribal nations, the State of Louisiana will conduct two events annually over the CPRG five-year award period to inform communities of the CARE Initiative, listen and tailor program implementation pilots and projects to best suite the localized community needs, and inspire the 2.88 LDIAC populations to purse newly offered apprenticeship programs to gain highly skilled certifications and access to high quality jobs in the emerging electrification, decarbonization and nature-based environmental markets across the urban and rural regions of Louisiana. As part of the PCAP process and leading up to the CPRG implementation grant process, industry stakeholders with net zero targets voiced a strong interest to partner with the State of Louisiana and higher education institutional partners to develop and rollout an all-inclusive energy transition workforce development plan to empower LIDAC populations in pursuing middle-income job opportunities in the rapidly growing clean energy, industrial decarbonization, sustainable agriculture, and other major emerging markets. The earmarked budget of $2,040,000 is intended to conduct 680 on-site inclusive community engagement and educational programs reaching sixty-four parish communities, including thirty-two port communities, and four Tribal Nation indigenous communities.

Technical Assistance: LDENR operates a lean State Energy Office and plans to contract energy, environmental, and other experts to supplement the Louisiana CPRG program personnel with necessary and prudent technical assistance over the five-year award program. Such experts may include clean energy experts, industrial decarbonization specialists, nature-based infrastructure scientists, and GHG inventory management experts. The State intends to solicit technical assistance through a competitive solicitation process compliant with EPA, CPRG, and State of Louisiana procurement policies.

Allocated Costs: The CARE Initiative budget allocation earmarks specific funds to be allocated across the eight GHG reduction measures. The earmarked funds total $53,490,000 consisting of:

- $30,450,000 - Personnel and Indirect Costs – three new hires and dedicated State capacity
- $13,500,000 - Workforce Development and Apprenticeship Program – at least 600 trainees
- $2,040,000 - Community Engagement and Education – 680 on-site community sessions
- $7,500,000 - Technical Assistance –experts to implement eight measures successfully

The $53,490,000 of allocated costs results in one-eight, $6,686,250, to each CARE eight GHG reduction measure. Refer to the attached budget computations for the details.

GHG Measures

In a statewide coordinated effort across government agencies, industry, research institutions, and community-led organizations, 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 eight novel and viable GHG reduction measures as top priorities based on the Louisiana Priority Climate Action Plan (PCAP). The Louisiana CARE Initiative is focused on advancing electrification and decarbonization solutions in the hard to abate sectors as replicable models to be scaled up across Louisiana and the U.S. as pathways to commercial viability necessary to accelerate carbon reductions over the next decade and 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 2.28 million low-income and disadvantaged populations most vulnerable to climate threats and at-risk from GHG emissions from heavy industrial clusters.

The Approach. The CARE Initiative is designed to be threaded across the Louisiana BIL, IRA , and state programs to gain synergies, maximize GHG emission reductions, and drive greater community benefits, primarily to low-income and disadvantaged communities (LIDAC) most vulnerable to climate threats and toxic air pollutants. Louisiana's approach will include in each GHG reduction measure the following:

- Public-private partnerships and cross-sector collaborations to achieve commercial viability.
- Just and equitable workforce development strategy for a robust pipeline of high-quality jobs.
- Transformative community benefits plan to enhance the quality of livelihoods.

Measure 1. Clean Hydrogen Economy						
Year	**1**	**2**	**3**	**4**	**5**	**Total**
Federal Funds	$4,152,830	$33,504,507	$25,255,944	25,257,423	$25,266,736	$113,437,440

Approach: The State will launch its portion of a new national hydrogen-centric coalition under development to spur a globally competitive U.S. hydrogen economy market. The State of Louisiana in collaboration with the private sector will deploy a suite of innovative hydrogen projects to accelerate low- and no-carbon hydrogen upstream production and downstream end-use as viable pathways to significantly reduce GHG emissions. The Clean Hydrogen Economy will launch innovative demonstration projects for clean hydrogen to eliminate 90% to 100% of GHG emissions at industrial sites, ports, and corridors that have high concentrations of GHG emissions impacting LIDAC populations.

Contractual:

Task 1.0 Launch a regional Clean Hydrogen and Fuels Network.

- $2,000,000 to perform four data-driven studies ($500,000/study) to accelerate a clean hydrogen economy. A study performed for: 1) hydrogen production, 2) midstream and storage, 2) hydrogen downstream use, and 2) hydrogen supply chain based on market demand, community needs, existing infrastructure, and GHG reduction scenarios.
- $3,750,000 million to develop a flexible and scalable blueprint for an investment-ready clean hydrogen and fuels network across production, midstream, downstream use, and supply chain.
- $3,750,000 to design a global export blueprint for the U.S. hydrogen and fuels network to international markets based on market demand, geopolitical landscape, and GHG reductions.
- $1,300,000 million per year to engage professional service providers and experts to:
    - Create the hydrogen export plan across the thirty-two ports as a global competitive advantage.

- Develop a viable hydrogen supply chain strategy to spur domestic manufacturing as a critical component to a national self-sustaining hydrogen economy and global hydrogen export market.
- Establish a specialized technical assistance function to remove market barriers with smart and seamless policy and regulatory measures, capture and share leading practices, facilitate public-private partnerships, and create linkage across regional hydrogen programs.
- Coordinate with the Louisiana electric utilities to reduce GHG emissions, improve energy reliability, and strengthen resilience with hydrogen production, end-use and storage projects.

Task 1.1 Deploy innovative **Hydrogen Upstream Production**[1] projects through a competitive solicitation process aligned with industry investment appetite and community as replicable and scalable solutions:

- $64,000,000 in grant awards to install four multi-faceted hydrogen production projects with carbon-free hydrogen boilers, electrolyzer units, on-site clean power generation to eliminate 90% - 100% of GHG emissions at natural gas processing plants, industrial facilities, or ports.
- Each grant award will have a minimum of a 20% cost share requirement from the private sector.

Task 1.2 Deploy **Hydrogen Downstream Use** pilots through a competitive solicitation process:

- $20,000,000 in grant awards to install sixteen Zero-Emission Medium and Heavy-Duty Vehicle fueling pilots at major freight corridors to spur the zero-emissions freight (ZEF) network.
- Each grant award will have a minimum of a 20% cost share requirement from the private sector.

Allocated Costs: The CARE Initiative budget allocation earmarks specific funds to be allocated across the eight GHG reduction measures. The earmarked funds total $53,490,000 consisting of:

- $30,450,000 - Personnel and Indirect Costs – three new hires and dedicated State capacity
- $13,500,000 - Workforce Development and Apprenticeship Program – at least 600 trainees
- $2,040,000 - Community Engagement and Education – 680 on-site community sessions
- $7,500,000 - Technical Assistance –experts to implement eight measures successfully

The $53,490,000 of allocated costs results in one-eight, $6,686,250, to each GHG reduction measure.

Measure 2. Industrial Decarbonization

Year	1	2	3	4	5	Total
Federal Funds	$522,830	$13,718,257	$13,719,694	$13,721,173	$13,722,697	$55,404,651

Approach: The State will launch a suite of industrial decarbonization innovative projects in coordination with federal and state incentives, through a new program to accelerate energy efficiency and innovative industrial decarbonization technologies in the hard-to-abate industrial sector.

Contractual:

Task 2.1 Industrial Decarbonization.

- $21,000,000 in grant awards towards the deployment of seven industrial decarbonization projects that install energy efficiency measures, hydrogen boilers, electrical boilers, or steam heat pumps in chemical, refining, and other industrial facilities.

[1] https://www.energy.gov/eere/fuelcells/bipartisan-infrastructure-law-clean-hydrogen-electrolysis-manufacturing-and0#:~:text=This%20announcement%20represents%20the%20first,and%20%24500%20million%20for%20research%2C

- Each grant award will have a minimum of a 20% cost share requirement from the private sector.

Task 2.2 Industrial CCS.

- $26,250,000 in grant awards to deploy seven carbon capture and storage (CCS) as close as possible to 90% capture rate or higher at natural gas facilities, petroleum refineries, chemical plants, and other industrial sites.
- Each grant award will have a minimum of a 20% cost share requirement from the private sector.

Allocated Costs: The CARE Initiative budget allocation earmarks specific funds to be allocated across the eight GHG reduction measures. The earmarked funds total $53,490,000 consisting of:

- $30,450,000 - Personnel and Indirect Costs – three new hires and dedicated State capacity
- $13,500,000 - Workforce Development and Apprenticeship Program – at least 600 trainees
- $2,040,000 - Community Engagement and Education – 680 on-site community sessions
- $7,500,000 - Technical Assistance –experts to implement eight measures successfully

The $53,490,000 of allocated costs results in one-eight, $6,686,250, to each GHG reduction measure.

Measure 3. N2O Abatement

Year	1	2	3	4	5	Total
Federal Funds	$522,830	$5,124,507	$5,125,944	$5,127,423	$728,947	$16,629,651

Approach: The State will launch first-of-a-kind N_2O abatement pilots and market mechanisms.

Contractual:

Task 3.1 N_2O Abatement Technologies.

- $12,000,000 in grant awards to deploy three N_2O abatement pilots to eliminate 70%-90% N_2O emissions at targeted facilities.
- Each grant award will have a minimum of a 20% cost share requirement from the private sector.
- Support market mechanisms to spur private investment towards N_2O abatement technologies.

Allocated Costs: The CARE Initiative budget allocation earmarks specific funds to be allocated across the eight GHG reduction measures. The earmarked funds total $53,490,000 consisting of:

- $30,450,000 - Personnel and Indirect Costs – three new hires and dedicated State capacity
- $13,500,000 - Workforce Development and Apprenticeship Program – at least 600 trainees
- $2,040,000 - Community Engagement and Education – 680 on-site community sessions
- $7,500,000 - Technical Assistance –experts to implement eight measures successfully

The $53,490,000 of allocated costs results in one-eight, $6,686,250, to each CARE eight GHG reduction measure. Refer to the attached budget computations for the details.

Measure 4. Resilient Clean Ports

Year	1	2	3	4	5	Total
Federal Funds	$1,622,830	$20,840,507	$20,085,944	$20,087,423	$20,088,947	$81,969,651

Approach: The State will launch a port initiative to accelerate more abundant clean energy across the thirty-two ports in Louisiana as a vital link in the global supply chain with on-site carbon-free 24/7 power with long duration energy storage technologies operating as a network of distributed energy resources.

Contractual:

Task 4.1 Port Shore Power Program.

- $500,000 to perform statewide study across all thirty-two parts on port power baseline and load growth assessment in coordination with utilities and conduct energy audits to inform shore power and community resilient hub needs.
- $32,000,000 in grant awards install shore power units at thirty-two ports across Louisiana to reduce emissions from idling engines with necessary electric upgrades and energy efficiency measures needed for shore power.

Task 4.2 Port Community Resilience Hubs.

- $500,000 to perform a statewide study for holistic and integrated investment-ready clean and resilient port investment strategy.
- $38,400,000 in grant awards to deploy thirty-two 5MW solar and long-duration energy storage systems as port community resilient hubs across the thirty-two ports as a network of distributed energy resources to strengthen energy security and operate at carbon-free 24/7power.
- Each grant award will have a minimum of a 20% cost share requirement from the private sector.
- Integrate and expand the Louisiana Hubs for Energy Resilient Operations (HERO) to the Louisiana ports to protect port communities during unplanned and extended power outages during extreme weather and natural disasters.

Allocated Costs: The CARE Initiative budget allocation earmarks specific funds to be allocated across the eight GHG reduction measures. The earmarked funds total $53,490,000 consisting of:

- $30,450,000 - Personnel and Indirect Costs – three new hires and dedicated State capacity
- $13,500,000 - Workforce Development and Apprenticeship Program – at least 600 trainees
- $2,040,000 - Community Engagement and Education – 680 on-site community sessions
- $7,500,000 - Technical Assistance –experts to implement eight measures successfully

The $53,490,000 of allocated costs results in one-eight, $6,686,250, to each GHG reduction measure.

Measure 5. Ports Buffer Zone Program						
Year	**1**	**2**	**3**	**4**	**5**	**Total**
Federal Funds	$522,830	$5,124,507	$5,125,944	$5,127,423	$5,128,947	$21,029,651

Approach: The State will create a new port buffer zone program to preserve, restore, and maintain natural habitats as flood risk mitigation measures that also enhance biodiversity and increase access to green spaces.

Contractual:

Task 5.1 Port Buffer Zone Program.

- $16,000,000 in grant awards to deploy, restore, and maintain natural vegetation as natural carbon sequestration utilizing buffer zone and algae bioreactors at the thirty-two ports as flood mitigation measures.

Allocated Costs: The CARE Initiative budget allocation earmarks specific funds to be allocated across the eight GHG reduction measures. The earmarked funds total $53,490,000 consisting of:

- $30,450,000 - Personnel and Indirect Costs – three new hires and dedicated State capacity
- $13,500,000 - Workforce Development and Apprenticeship Program – at least 600 trainees

- $2,040,000 - Community Engagement and Education – 680 on-site community sessions
- $7,500,000 - Technical Assistance –experts to implement eight measures successfully

The $53,490,000 of allocated costs results in one-eight, $6,686,250, to each GHG reduction measure.

Measure 6. Sustainable Agriculture Program						
Year	**1**	**2**	**3**	**4**	**5**	**Total**
Federal Funds	$522,830	$1,824,508	$1,825,944	$1,827,423	$1,828,947	$7,829.651

Approach: The State will stand up a new framework to implement sustainable agriculture practices and support farmers in the transition to reduce crop burns, enhance soil carbon management, and integrate natural biological cycles.

Contractual:

Task 6.1 Sustainable Agriculture Innovation Program.

- $4,000,000 in grant awards towards sustainable agriculture projects that significantly reduce prescribed burning of farming acreage, such as sugarcane crops.

Allocated Costs: The CARE Initiative budget allocation earmarks specific funds to be allocated across the eight GHG reduction measures. The earmarked funds total $53,490,000 consisting of:

- $30,450,000 - Personnel and Indirect Costs – three new hires and dedicated State capacity
- $13,500,000 - Workforce Development and Apprenticeship Program – at least 600 trainees
- $2,040,000 - Community Engagement and Education – 680 on-site community sessions
- $7,500,000 - Technical Assistance –experts to implement eight measures successfully

The $53,490,000 of allocated costs results in one-eight, $6,686,250, to each CARE eight GHG reduction measure. Refer to the attached budget computations for the details.

Measure 7. Clean Energy Acceleration						
Year	**1**	**2**	**3**	**4**	**5**	**Total**
Federal Funds	$1,072,830	$2,374,507	$2,375,944	$2,377,423	$728,947	$8,929,651

Approach: The State will launch a new viable new strategy to enable the adoption of offshore wind and large scale solar with long duration energy storage technologies in the Gulf Coast region as a responsible shift from fossil-based power generation mix to carbon-free reliable power generation. The strategy will focus on removing market barriers to the scaled deployment of clean power generation.

Contractual:

Task 7.1 Clean Energy Acceleration

- $5,000,000 to engage professional services and experts to:
  - Create a flexible and scalable blueprint to increase new transmission capacity by 30%.
  - Develop a Strategic Energy Plan based on changes in electric loads and new energy generation to enable 5MW offshore wind and 500MW large-scale solar.
  - Support active transmission infrastructure development projects to increase clean energy access and grid resiliency in LIDAC communities.

- Implement new technologies to streamline the pipeline of projects.
- Modernize permitting and siting for clean energy projects within the LDEQ and LDENR.
- Provide technical assistance to stakeholders for navigating the project pipeline.

Allocated Costs: The CARE Initiative budget allocation earmarks specific funds to be allocated across the eight GHG reduction measures. The earmarked funds total $53,490,000 consisting of:

- $30,450,000 - Personnel and Indirect Costs – three new hires and dedicated State capacity
- $13,500,000 - Workforce Development and Apprenticeship Program – at least 600 trainees
- $2,040,000 - Community Engagement and Education – 680 on-site community sessions
- $7,500,000 - Technical Assistance –experts to implement eight measures successfully

The $53,490,000 of allocated costs results in one-eight, $6,686,250, to each GHG reduction measure.

Measure 8. Nature-Based Solutions						
Year	**1**	**2**	**3**	**4**	**5**	**Total**
Federal Funds	$1,347,830	$2,209,507	$1,715,944	$1,717,423	$1,718,947	$8,709,651

Approach: The State will launch a new program to utilize innovative, nature-based solutions to sequester carbon, engage industry partners, and support climate-vulnerable LIDAC populations.

Contractual:

Task 8.1 Blue Carbon Research and Accreditation

- Augment Louisiana's current scientific research to quantify and further understand the potential for restored wetlands to sequester carbon.
- Seek accreditation of Louisiana-based public and private wetlands restoration projects in reputable and widely utilized carbon markets.
- Partner with Louisiana-based and global GHG emitters to promote Blue Carbon projects in Louisiana as a means of mitigating past and current GHG emissions and close the funding gap of Louisiana's Coastal Master Plan.

Task 8.2 Community Foresting and Greening

- Deploy modern satellite thermal technology and predictive modeling to identify urban LIDAC populations most vulnerable to impacts from extreme heat instances driven by climate change.
- In the identified vulnerable areas, support native and climate-resilient tree planting.

Allocated Costs: The CARE Initiative budget allocation earmarks specific funds to be allocated across the eight GHG reduction measures. The earmarked funds total $53,490,000 consisting of:

- $30,450,000 - Personnel and Indirect Costs – three new hires and dedicated State capacity
- $13,500,000 - Workforce Development and Apprenticeship Program – at least 600 trainees
- $2,040,000 - Community Engagement and Education – 680 on-site community sessions
- $7,500,000 - Technical Assistance –experts to implement eight measures successfully

The $53,490,000 of allocated costs results in one-eight, $6,686,250, to each GHG reduction measure.