



# PowerUpLA &

**more**

**Thursday, November 9, 2023**

**CAP Implementation Updates**



**CENTER** *for*  
**PLANNING**  
**EXCELLENCE**

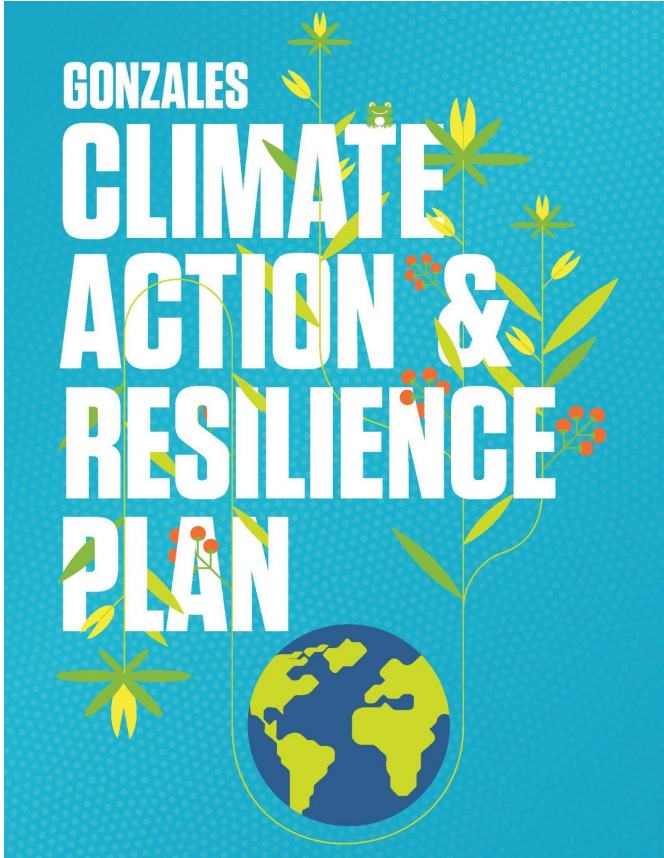
## Renewable Electricity Generation



*Increasing Louisiana's  
renewable electricity to  
meet current and future  
demand*

- **Gonzales Climate Action Plan**
- **Weatherization events**
- **Comprehensive Wind Road Map**
- **Model Solar Ordinance - regional workshops**
- **Louisiana Clean Energy Fund**
- **PowerUP - show video**

# Gonzales Climate Action and Resilience Plan



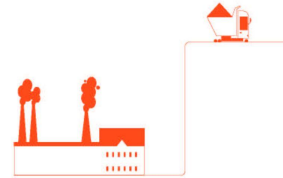
### What is a Carbon Footprint?

A Carbon Footprint is the amount of carbon dioxide (CO<sub>2</sub>) and other human-caused greenhouse gas (GHG) emissions produced by a community or organization's activities. GHGs in the atmosphere act like the glass of a greenhouse, trapping heat close to the surface of the Earth and causing warmer land and oceans, which in turn cause a variety of climate changes. While a certain amount of GHGs exist naturally in the atmosphere, human activities, mostly the burning of fossil fuels, have greatly increased the concentration of these gases.

### What is Gonzales' Carbon Footprint?

Gonzales' 2019 emissions were estimated at 101,892 Metric Tons Carbon Dioxide Equivalent (MT CO<sub>2</sub>e). Based on growth rates and emissions intensity factors, 2030 emissions are projected to be 127,543 MT CO<sub>2</sub>e unless measures to reduce emissions are taken.

There are two sectors that are responsible for nearly 85% of Gonzales' carbon footprint: transportation and electricity use. The largest emitters are gasoline and diesel vehicles, contributing to 56% of Gonzales' GHG emissions. Residential and commercial electricity is the second largest emitter of GHG in Gonzales, contributing 28.4% of GHG emissions. To help decrease emissions from these sources, the city and residents should consider strategies that result in less driving required for day to day tasks, less energy consumption (increased efficiency), and the availability of cleaner energies.

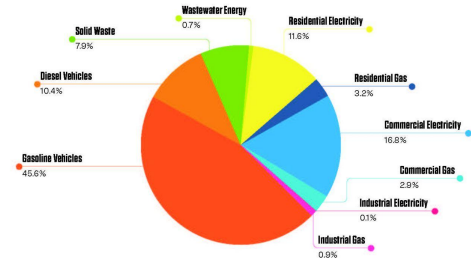


### By the numbers

To reduce Gonzales' Carbon Footprint by 50% by 2030, emission reductions must occur in the transportation and energy use sectors. This can be accomplished by:

- Reducing the number of vehicle miles traveled by 15% per capita
- Electrifying 50% of on-road gasoline vehicles and 15% of on-road diesel
- Draw 80% of Gonzales' electricity use in residential, institutional, and commercial buildings from carbon-free and renewable sources.

### 2019 Greenhouse Gas Inventory



## GOAL 6: ADDRESS EQUITY AND HEALTH

### STRATEGY: Adopt Complete Streets Ordinance

ACTION: Expand urban tree canopy and green spaces in Gonzales

### STRATEGY: Hazard early warning system and evacuation plans

ACTION: Elevate Homes

### STRATEGY: Decrease impervious surfaces

ACTION: Green streets program

### STRATEGY: Green Infrastructure

ACTION: Incorporate vegetation and design systems that can alleviate stormwater runoff that will reduce the amount of flooding in Gonzales

ACTION: Partner with Water Wise Gulf South to work with and train for green infrastructure development, especially in low-income communities

### STRATEGY: Multi-benefit development to provide recreational opportunities and water management services

ACTION: Identify the correct audience

## GOAL 7: TALK ABOUT IT ALL

### STRATEGY: Increase climate knowledge

ACTION: Host topical workshops and trainings

ACTION: Develop a Climate Ambassadors Program

ACTION: Conduct an industry roundtable

### STRATEGY: Develop a communication strategy (social media, etc)

ACTION: Create a webpage tracking progress on CAP

ACTION: Highlight property owners utilizing solar/green infrastructure/other interventions

### STRATEGY: EV education

ACTION: Host events with local dealerships and other potential partners where residents can test-drive EVs

ACTION: Provide information about tax credit incentives

### STRATEGY: Stakeholder outreach

ACTION: Identify the correct audience

# Weatherization Events

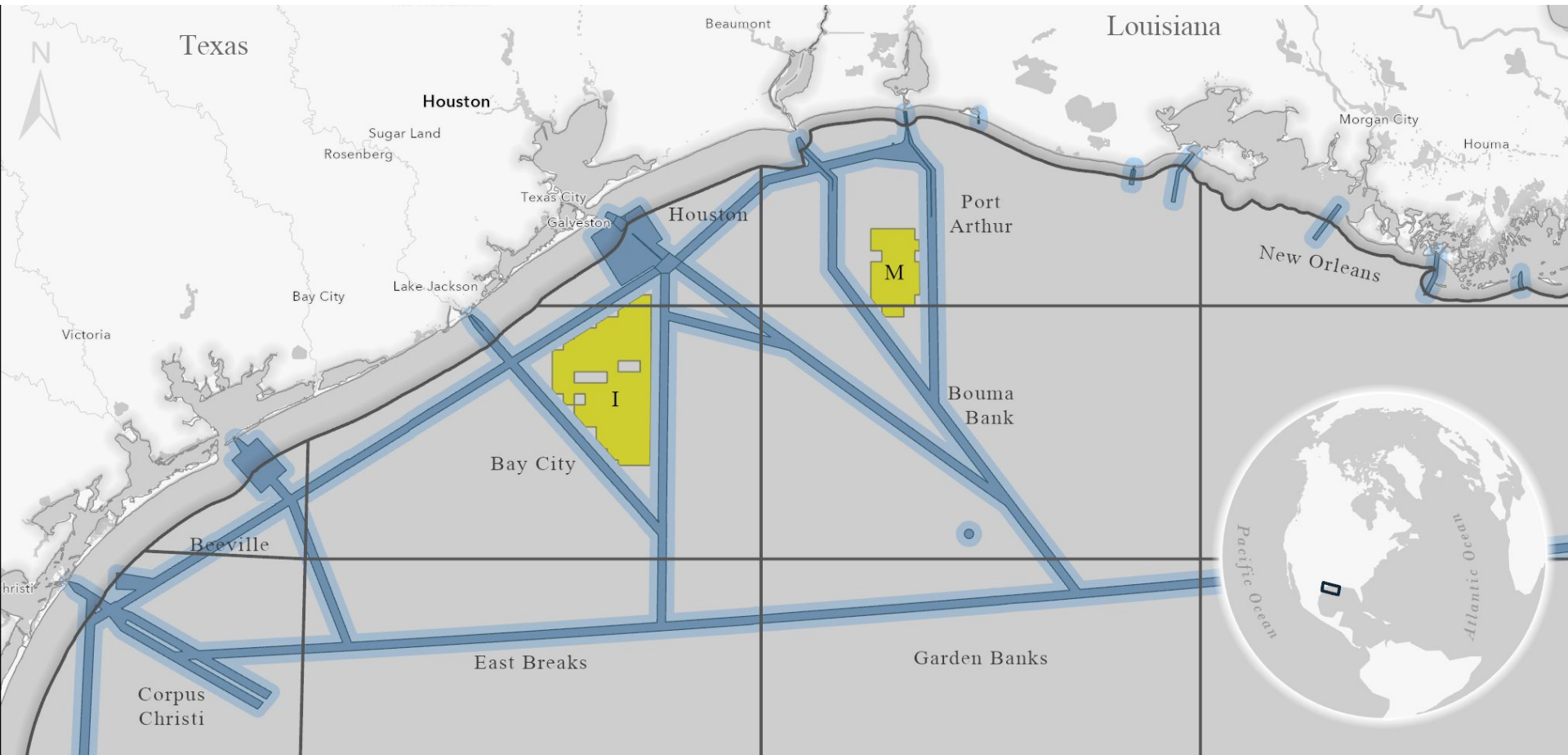


**Scotlandville  
St. Gabriel  
Alexandria**

...



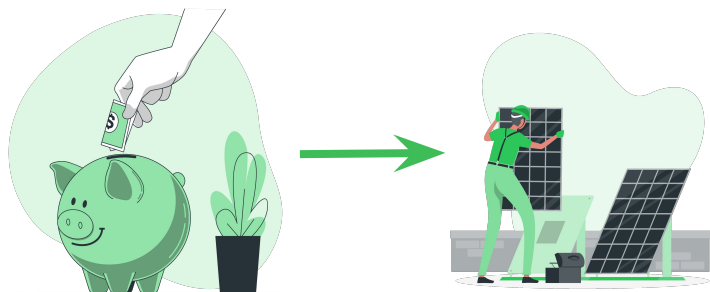
# Comprehensive Wind Road Map





## Roundtable to

- **Tailor the toolkit recommendations to local conditions for integration in the community**
- **Learn how to apply the regulations from the toolkit at the local level**



Green banks are institutions that attract investment and leverage funds towards clean energy projects through innovative financing methods.

## Inflation Reduction Act

**\$7** Billion

for Competitive State, Local and Tribal

**\$20** Billion

for Regional Non-Profit Green Banks

# POWERUP LOUISIANA

ENERGIZED BY THE CENTER FOR PLANNING EXCELLENCE

- Peer-to-Peer Learning Facilitation
- Wind and Solar Tours
- Educational Webinars
- Policy Papers
- Advocacy Strategy



# Peer to Peer Learning Facilitation



