

# Memorandum

**To** Anna Nguyen, Greg Nichols (NOLA)  
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**Subject** Task 3.1 Review Existing City Plans, City of NOLA

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For successful implementation, heat adaptation strategies should align with planning efforts across the City. The City’s Heat Action/Mitigation Plan will help to build cohesion across City plans and reinforce existing heat adaptation efforts, in addition to outlining efforts that will address gaps in existing plans.

Arup reviewed existing City plans to identify existing heat response and mitigation efforts by the City and to provide a more complete view of the City’s heat mitigation planning context. This step is essential to creating the foundation of organizational accountability towards the identified heat resilience outcomes.

Arup reviewed the following City plans to identify their heat response or heat mitigation components:

1. Climate Action Plan – “Net Zero by 2050: A Priority List for Climate Action in New Orleans” (2022)
2. Community Health Improvement Plan (2022-2025)
3. Comprehensive Emergency Operations Plan (2025)
4. Comprehensive Recovery Framework (2022)
5. C40 Cool Cities Network Annual Updates (2024)
6. NOLA Ready’s Extreme Heat Communication Plan (2023)
7. Extreme Heat Weather Cooling Tents (2023)
8. Hazard Mitigation Plan (Extreme Heat) (2025)
9. Housing Ecosystem Plan (2024)
10. NOLA Ready (platform) (2025)
11. Parks Master Plan “Big Green Easy” (2024)
12. Plan for the 21st Century (“the Master Plan”) (2010-2030)
13. Reforestation Plan (2022)
14. Resilient New Orleans (2015)
15. Summer 2023 Extreme Heat After Action Report/Improvement Plan (2023)
16. Taking Steps Together on Equity & Climate Change: A Report by and For New Orleanians (2019)
17. Youth Master Plan (2020-2030)

Below is a summary of each Plan’s activities related to heat and any information available on the activities, leadership, costs/funding mechanism, and associated metrics. These plan components will inform the strategies that will later appear in the Heat Action/Mitigation Plan.

Each plan review is organized as follows:

Document Title (Year)

Plan’s leading department

Other involved departments

Related RACI Items

- City-identified “RACI” chart items relevant to the plan

Activities

1. **Short description**
  - a. Heat Reduction or Heat Response
  - b. Planning stage or implementation stage
  - c. Funding source, if known
  - d. Metrics, if available
  - e. Leading department, participating departments

**1. Climate Action Plan - “Net Zero by 2050: A Priority List for Climate Action in New Orleans” (2022)**

Climate Action Plan - “Net Zero by 2050: A Priority List for Climate Action in New Orleans”

**Office of Resilience and Sustainability (ORS); City Mayor (LaToya Cantrell)**

Related RACI Items

- Share educational resources on home weatherization and energy assistance programs
- Institute a limited closure or remote work policy for public offices to conserve energy and encourage remote work for non-essential workers during times of severe electrical grid stress
- Improve tree canopy and heat-mitigating vegetation

Activities

1. **Make climate action data available for analysis and action**
  - a. Heat Response
  - b. Planning/implementation stage unknown
  - c. Funding: General fund
  - d. No metrics; Goal to action climate action data dashboard by 2023
  - e. Departments: Office of Resilience and Sustainability (ORS), Office of Information Technology and Innovation (ITI)
2. Clean our grid
  - a. Heat Reduction
  - b. Implementation stage
  - c. Funding: Ratepayers and federal funding source

- d. *Metrics: 100% clean electricity by 2035 (national); local commitment by 2040*
- e. Departments: **City Council**, Federal Government, Entergy
- 3. Generate more clean energy locally
  - a. **Heat Reduction**
  - b. Implementation stage
  - c. **Funding: Ratepayers and federal funding source**
  - d. *Metrics: 255 MW by 2035*
  - e. Departments (listed by specific actions)
    - i. Increase local solar and regional wind development (Mayor’s Office, ORS)
    - ii. Launch community solar (City Council, Entergy, ORS)
    - iii. “Solar for All” installations (OSR; external partners - Posigen, Solar Alternatives)<sup>1</sup>
    - iv. Install solar on City Property (Depts: ORS, Capital Projects, Property Management)
    - v. (Indirect heat response): Help residents to reduce the cost of electric bills by generating their own electricity (Mayor, City Council)
- 4. Use less energy in our buildings
  - a. **Heat Reduction**
  - b. Planning stage (TBC)
  - c. **Funding: ratepayers, federal grants, bonds**
  - d. *Metrics: Increase energy savings to reach 2 or 3% annually; reduce energy use in City Buildings by additional 17% by 2030*
  - e. Departments (listed by specific actions)
    - i. Benchmarking and building performance standards ordinance for multi-family/commercial (ordinance by 2024) (City Council, ORS, Entergy)
    - ii. Increase energy savings annually (City Council, Entergy)
    - iii. Reduce energy use in City Buildings (Property Management)
- 5. Diversify travel choices to increase non-auto trips
  - a. **Heat Reduction**
  - b. Planning stage (TBC)
  - c. **Funding: federal grants, fares, existing**
  - d. *Metrics: 6 miles of transit-only infrastructure; increase non auto commuting to 50% by 2030*
  - e. Departments (listed by specific actions)
    - i. Implement Complete Streets policy (transit design for all users) (Department of Public Works, City Council, Office of Resilience and Sustainability)

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<sup>1</sup> In 2020, the City launched Solar for All NOLA with local installers Posigen and Solar Alternatives to encourage homeowners and businesses to get solar assessments and add more solar rooftops to our region. The program has facilitated 75 new solar installations since 2020, with a cumulative capacity of approximately 610 kW, with current customers saving hundreds of dollars on their energy costs annually.

- ii. Develop Transit Oriented Communities (ORS, City Planning Commission, Regional Transit Authority)
  - iii. Invest in 6 miles of transit-only infrastructure by 2027 (Regional Transit Authority, Department of Public Works, ORS, City Council, City Planning Commission)
  - iv. Transit ridership (Regional Transit Authority, ORS)
  - v. Expanded bike share system and investments in bike infrastructure (ORS, Department of Public Works, external partner – Bluekrewe)
  - vi. Improve public transit in underserved communities (Regional Transit Authority, ORS)
- 6. Increase share of zero-emissions vehicles on our roads
  - a. Heat Reduction
  - b. Implementation stage
  - c. Funding: Existing grants
  - d. Metrics: 40% of passenger and light-duty vehicles being electric, 75% of City fleet being low or no emission by 2035
  - e. Regional Transit Authority, Orleans Parish School Board, Energy New Orleans, City Council
- 7. Increase green infrastructure and trees throughout city over time
  - a. Heat Reduction and Heat Response
  - b. Implementation stage (TBC)
  - c. Funding: existing grants
  - d. Metrics: *conduct 15 green infrastructure projects to divert 80M gallons from stormwater system; Plant 40,000 trees by 2050; 10% canopy coverage in all neighborhoods*
  - e. Departments: Parks and Parkaways (for stormwater: Department of Public Works, SWB, ORS)
- 8. Increase resilience of our energy and water infrastructure (through energy resilience studies and microgrid pilots)
  - a. Heat Response
  - b. Planning stage (TBC)
  - c. Funding: existing grants and bonds
  - d. Metrics: *None included*
  - e. Departments: City Council, ORS

## 2. Community Health Improvement Plan (2022-2025)

Community Health Improvement Plan - The New Orleans Health Department's Community Health Improvements Plan identifies activities related to coordinated care for effective disease management and prevention. While there are no specific activities for heat response or mitigation in the plan, the Public Health Threats working group developed the following strategies during the three-year implementation period.

**New Orleans Health Department (NOHD)**

## Related RACI Items

- Develop overall governance strategy for heat action
- Share educational resources on extreme heat, including how to spot signs of heat-related illness and steps to prevent it
- Expanding programs to reduce homelessness and inadequate housing
- Release periodic media and emergency advisories
- Making information and tools relevant to extreme heat more widely available, actionable, and accessible at the local level
- Track heat-related morbidity and mortality
- Coordinate use of public buses or other mobile cooling strategies to provide free air-conditioned shelter at key locations
- Communication with outdoor workers and special event organizers about heat-related policies and recommended procedures

## Activities

1. Create safer environments for refuge and shelter during extreme weather events
  - a. **Heat Response**
  - b. Planning/implementation: Creation of the Office of Homeless Services & Strategy to further develop barriers to shelter/cooling centers report for unsheltered population (initiated by NOHD, completed by OHSS)
  - c. **Funding: OHSS**
  - d. *No metrics*
  - e. Departments: Office of Homeless Services & Strategy
2. Development of standard operating procedure for data collection (weather, healthcare, syndromic surveillance, 311/911, field outreach, coroner, etc) during extreme heat events
  - a. **Heat Response**
  - b. Planning/implementation: NOHD completed
  - c. **Funding: NOHD (Climate & Health position)**
  - d. *Metrics: Annual creation of Heat & Health Report starting in 2024*
  - e. Departments: **NOHD, NOEMS, OPCO**
3. Hosting heat and health-related trainings to increase public health worker, clinical provider, and outdoor worker awareness of health risks from exposure to extreme heat
  - a. **Heat Response**
  - b. Planning/implementation stage: in progress
  - c. **Funding: n/a**
  - d. *Metrics: number of trainings offered*
  - e. Departments: **NOHD, LDH**
4. Develop citywide heat mitigation plan
  - a. **Heat Response**
  - b. Planning/implementation stage: in progress
  - c. **Funding: ORS (\$300,000)**

- d. *Metrics: defined in contract for consultant – CHIP was interested in development of RFP, securing firm, engaging partners in planning, plan dissemination*
  - e. Departments: ORS, NOHD, NOHSEP
5. Develop an ordinance to increase health and safety protections for City workers
- a. **Heat Response**
  - b. Planning/implementation: completed (one is specific to Sanitation allowances for start times; one is specific to temperature thresholds for all workers) - currently figuring out how to implement the second
  - c. **Funding: n/a**
  - d. *Metrics: ordinance passed*
  - e. Departments: Sanitation, City Council
6. Develop City of New Orleans Illness and Injury Prevention Plan to address extreme heat and health protocols.
- a. **Heat Response**
  - b. Planning/implementation stage: in progress; stalled until next administration
  - c. **Funding: unknown**
  - d. *No metrics*
- Departments: CAO, Risk Management, NOHD

### 3. **Comprehensive Emergency Operations Plan (2025)**

#### Comprehensive Emergency Operations Plan

##### **New Orleans Office of Homeland Security & Emergency Preparedness (NOHSEP)**

###### Related RACI Items

- Develop overall governance strategy for heat action
- Share educational resources on extreme heat, including how to spot signs of heat-related illness and steps to prevent it
- Update of emergency websites with relevant information for peak heat season
- Send out emergency alerts advising community members to conserve water and/or electricity during peak heat periods
- Release periodic media and emergency advisories
- Making information and tools relevant to extreme heat more widely available, actionable, and accessible at the local level

###### Activities

7. Each department will budget for adequate training on such topics as necessary to ensure that they and their personnel are prepared to carry out their stated responsibilities and tasks.
- a. **Heat Response/ Heat Reduction**
  - b. Planning/implementation stage unknown
  - c. **Funding: By department**
  - d. *No metrics*
  - e. Departments: By department

8. Formalizing and maintenance of applicable emergency plans and standard operating procedures as well as various supportive documents applicable to diverse City agencies and departments.
  - a. **Heat Response**
  - b. Planning/implementation stage unknown
  - c. **Funding: NOHSEP**
  - d. *Metrics: Biannual revision of the Comprehensive Emergency Operations Plan*
  - e. Departments: **NOHSEP**, Agencies that have emergency support functions will provide NOHSEP with their operation procedures and applicable revisions
9. Annual emergency operations training for relevant agencies
  - a. **Heat Response**
  - b. Planning/implementation stage unknown
  - c. **Funding: NOHSEP**
  - d. *No metrics*
  - e. Departments: **NOHSEP**, relevant agencies
10. Ongoing community emergency preparedness activities (i.e. system testing, resource development, planning, education)
  - a. **Heat Response**
  - b. Planning/implementation stage unknown
  - c. **Funding: Unknown**
  - d. *No metrics*
  - e. Departments: Coordinated by NOHSEP across various departments
11. Public outreach projects such as presentations to community groups, mail outs, cable TV presentations, etc.
  - a. **Heat Response**
  - b. Planning/implementation stage unknown
  - c. **Funding: NOHSEP**
  - d. *No metrics*
  - e. Departments: **NOHSEP**

#### 4. **Comprehensive Recovery Framework (2022)**

##### Comprehensive Recovery Framework

City of New Orleans Mayor's Office, Office of Homeland Security and Emergency Preparedness & CAO

Related RACI Items

- Surge capacity to provide emergency and 911 services
- Surge capacity to distribute water, fans, cooling towels, ice packs, and other resources
- Send out emergency alerts advising community members to conserve water and/or electricity during peak heat periods
- Ensure compliance with "no shut-off" policies during and immediately after heat waves

## Activities

1. Access to recovery resources pre- and post-disaster is equitable and prioritizes communities in need
  - a. **Heat Response**
  - b. *Metrics: Communication materials will be distributed in multiple languages at higher %*
  - c. *Outreach and distribution events will be targeted to vulnerable neighborhoods*
  - d. *Other metrics include number of emergency resource centers open, number of utilities with feed or shutoffs suspended, and length of time for permitting process in rebuilding of hard hit neighborhoods*
2. Recovery practices consider sustainability and resilience and the long-term impact of development
  - a. **Heat Response**
  - b. *Metrics: Increase number of permanent housing units rebuilt or repaired to a higher standard of risk reduction and energy efficiency*
  - c. *Recovery infrastructure projects incorporating improvements to sustainability, energy efficiency, and/or climate resilience*
3. Return to normal or “bluesky” operations (short-term recovery).
  - a. **Heat Response**
  - b. *Metrics: Measure number of residents who have consistent access to resources that meet all basic needs (e.g., food, water, shelter, etc.) and number of Response and Recovery workforce members at each stage of recovery, from short-term to long-term*
4. Establish honest communication and transparent, data-driven decision making (short- and long-term recovery)
  - a. **Heat Response**
  - b. *Metrics: Number of outreach communications before, during, and after an event and number of individuals who have interacted with an outreach resource*

Funding: recovery funding is focused on HUD, FEMA, and the U.S. Department of Health and Human Services (HHS), or other local governments across New Orleans.

## 5. **Cool Cities Network Annual Updates New Orleans (2024)**

### Cool Cities Network Annual Updates New Orleans (2024)

No single department, compiled in document facilitated by New Orleans Health Department

#### Related RACI Items

- Identify air-conditioned sites that could act as stationary or mobile cooling centers

- Solicit and collect donations of items to be distributed at cooling centers
- Check-in with managers of nursing homes and independent living facilities to check-in with residents during extended heat events
- Communication with outdoor workers and special event organizers about heat-related policies and recommended procedures
- Develop and oversee implementation of citywide injury and illness prevention plan
- Track heat-related morbidity and mortality
- Ensure compliance with "no shut-off" policies during and immediately after heat waves
- Develop overall governance strategy for heat action
- Share educational resources on extreme heat, including how to spot signs of heat-related illness and steps to prevent it
- Share educational resources on home weatherization and energy assistance programs
- Update of emergency websites with relevant information for peak heat season

Activities

1. **Opened daytime cooling centers and distributed water to unhoused individuals in response to peak summer heat via multi-departmental collaboration**
  - a. Heat Response
  - b. Implementation stage: ongoing
  - c. Funding: NORDC
  - d. *No metrics identified within plan*
  - e. n/a
2. **Conducted joint heat safety trainings with local transit advocacy group RIDE and for older adults residing at independent living facilities**
  - a. Heat Response
  - b. Implementation stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. n/a
3. **Conducted heat safety trainings for city departments with outdoor workers**
  - a. Heat Response
  - b. Implementation stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. n/a
4. **Finalized the first annual Heat and Health Report for the 2023 year**
  - a. Heat Response
  - b. Implementation stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. n/a

5. **Supported the work of the Louisiana Department of Health in conducting an analysis of heat-related emergency department visits**
  - a. Heat Response
  - b. Implementation stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. n/a
6. **‘Beat the Heat’ public messaging with posters and brochures**
  - a. Heat Response
  - b. Implementation stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. n/a
7. **Work to register all rental properties with the new Healthy Homes Ordinance, which enforces cooling standards for all rental properties**
  - a. Heat Response
  - b. Implementation stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. n/a
8. **Creation of citywide Heat Mitigation Plan**
  - a. Heat Reduction
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. n/a
9. **Publishing 2024 Heat and Health Report**
  - a. Heat Response
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. n/a

## 6. **NOLA Ready’s Extreme Heat Communication Plan (2023)**

### NOLA Ready’s Extreme Heat Communication Plan (2023)

#### **New Orleans Office of Homeland Security & Emergency Preparedness**

##### Related RACI Items

- Communication with outdoor workers and special event organizers about heat-related policies and recommended procedures
- Send out emergency alerts advising community members to conserve water and/or electricity during peak heat periods
- Release periodic media and emergency advisories

##### Activities

1. **Guidance for public communications before, during, and after future extreme heat events**

- a. Heat Response
  - b. Planning stage
  - c. Unknown
  - d. 5-level system for emergency declarations
  - e. NOHSEP
2. **Heat relief map + general heat preparedness info, readily visible on NOLA gov website**
    - a. Heat Response
    - b. Planning stage
    - c. Unknown
    - d. No metrics identified within plan
    - e. NOHSEP, ITI
  3. **Sourcing community partners and volunteers for cooling center/cooling center operations**
    - a. Heat Response
    - b. Planning stage
    - c. Unknown
    - d. Heat relief map with cooling center locations
    - e. NOHSEP
  4. **Collecting volunteers for hydration stations**
    - a. Heat Response
    - b. Planning stage
    - c. Unknown
    - d. No metrics identified within plan
    - e. NOHSEP
  5. **Physical information on preparing for extreme heat should be distributed to community partners during the spring and summer**
    - a. Heat Response
    - b. Planning stage
    - c. Unknown
    - d. No metrics identified within plan
    - e. NOHD, NOHSEP, OHSS

## 7. Extreme Heat Weather Cooling Tents (2023)

### City of New Orleans Extreme Heat Weather Cooling Tents (2023)

#### New Orleans Office of Homeland Security & Emergency Preparedness

##### RACI Items

- Surge capacity to provide emergency and 911 services
- Surge capacity to provide cooling center staffing
- Surge capacity to distribute water, fans, cooling towels, ice packs, and other resources
- Identify air-conditioned sites that could act as stationery or mobile cooling centers

Activities

- Develop staffing plan for cooling centers
  - Procure and pre-stage items to be available at cooling centers
1. Public safety operation to keep residents out of extreme life-threatening heat conditions staffed by essential employees, NGO, faith-based, and Voluntary Organizations Active in Disaster (VOAD)
    - a. Heat Response Action
    - b. Implementation stage
    - c. Unknown
    - d. Metrics: # of visits to the tent, # of pets, count of remaining water, protein bars, ensure bottles, count of trash bags left

## 8. Hazard Mitigation Plan – Extreme Heat (2025)

### Hazard Mitigation Plan - Extreme Heat (2025) (work in progress)

#### City of New Orleans Homeland Security

Related RACI Items

- Develop and review heat action thresholds, identify “heat islands” and neighborhoods which may need extra help
- Share educational resources on extreme heat, including how to spot signs of heat-related illness and steps to prevent it
- Share educational resources on home weatherization and energy assistance programs
- Improve tree canopy and heat-mitigating vegetation
- Installing new cooling infrastructure
- Update and enforcement of policies, programs, and laws to account for extreme heat, such as home energy efficiency programs, home weatherization programs, energy codes, cooling cost subsidies, no shut-off programs, and maximum safe indoor temperature standards
- Providing long-term support for Resilience Hubs, including installation of air conditioning and back-up solar/battery systems, ensuring access to water, and coordinating community programming at safe indoor spaces during heat events

Activities

1. Provide training for healthcare professionals and patients on extreme heat impacts.
  - a. Heat Response
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: FEMA HMA Grants

- d. Department: New Orleans Health Department (NOHD), Supporting: 504Health Net
2. Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages. Include links to weather alerts and departmental phone listings with contact personnel for residents.
  - a. Heat Response
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: FEMA HMA Grants
  - d. Department: NOHSEP
3. Acquire and install generators with hard wired quick connections at all critical facilities.
  - a. Heat Response
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: FEMA HMA Grants
  - d. Department: Property Management, Supporting: NOHSEP, NOMTRCB, NOFD, 504HealthNet
4. Develop plans for a microgrid system to improve power resiliency at critical 504 HealthNet buildings by utilizing existing engineering studies.
  - a. Heat Response
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Local Budget; State Grants: LWI; Federal Grants: FEMA HMA Grants; CDBG; USDA
  - d. Department: Hazard Mitigation Office, Supporting: 504 HealthNet
5. Healthy Homes Project: Develop enforcement mechanisms and financial tools to support implementation of the healthy homes ordinance.
  - a. Heat Response
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: CDBG; HUD
  - d. Department: Health Department, Supporting: Code Enforcement
6. Heat Mitigation Plan: Incorporate actions and recommendations from the Heat Mitigation Plan into local policy.
  - a. Heat Response
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: FEMA HMA Grants
  - d. Department: Health Department, Supporting: Office of Resiliency and Sustainability (ORS), Hazard Mitigation Office

7. Develop a pre-event reporting and response procedure for Orleans Parish rental properties during emergent natural hazards (i.e., heat, rain, heavy wind) that occur during non-declared emergency periods, including assignments for responding agencies and a list of equipment needed for response.
  - a. Heat Response
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: EDA; SBA
  - d. Department: Health Department, Supporting: NOHSEP
8. Identify funding source to support construction and retrofits of residential properties to meet fortified roof standards.
  - a. Heat Reduction
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; State Grants: DOTD; KLB; LDNR; Federal Grants: FEMA HMA Grants; EDA; EPA; USFS
  - d. Department: Office of Resiliency and Sustainability (ORS), Supporting: Hazard Mitigation Office
9. Develop a Heat Pumps Window Unit Pilot Program to support residents with no A/C or insufficient A/C.
  - a. Heat Reduction
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: CDBG; HUD
  - d. Department: Office of Resiliency and Sustainability (ORS)
10. Develop a strategy to enhance funding and technical assistance for small business resilience/Continuity of Operations Planning to improve natural hazard resiliency.
  - a. Heat Response
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: EDA; SBA
  - d. Department: Office of Resiliency and Sustainability (ORS) Supporting: Office of Economic Development (OED)
11. Expand reforestation efforts and tree canopy protection throughout the City.
  - a. Heat Reduction
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: FEMA HMA Grants; CDBG; NRCS; USFS
  - d. Department: Parks and Parkways, Supporting: Office of Resiliency and Sustainability (ORS)
12. Design and build splashpads with other cooling features and shaded structures in Districts A, B, C, D and E.
  - a. Heat Reduction
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: CDBG; HUD
  - d. Department: Office of Community Assets & Investment (OCAI), Supporting: Parks and Parkways

13. Implement a process to reduce urban heat island effects by identifying locations for passive cooling architecture (cool roofs/green roofs/green buildings).Cool Pavements: Identify locations where cool pavement can be installed.
  - a. Heat Reduction
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; State Grants: DOTD; KLB; LDNR; Federal Grants: FEMA HMA Grants; EDA; EPA; USFS
  - d. Department: Office of Resiliency and Sustainability (ORS), Supporting: Hazard Mitigation Office
14. Conduct Tree Canopy Inventory Update.
  - a. Heat Reduction
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; State Grants: LCF; LDAF; LTP; Federal Grants: FEMA HMA Grants; NFWF; USFS
  - d. Department: Parks and Parkway Department (PPW)
15. Conduct update of existing reforestation plan and implement recommended projects.
  - a. Heat Reduction
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; State Grants: LCF; LDAF; LTP; Federal Grants: FEMA HMA Grants; NFWF; USFS
  - d. Department: Parks and Parkway Department (PPW)
16. Better Bus Stops Project: Assess current bus stops and implement mitigation projects to promote shade at bus stops in targeted areas.
  - a. Heat Reduction
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: FEMA HMA Grants; CDBG; EPA; USDOT;
  - d. Department: Regional Transit Authority (RTA), Supporting: Office of Resiliency and Sustainability (ORS)
17. Reverse Osmosis Water System Project: Implement a reverse osmosis water treatment system at the Louis Armstrong Airport to ensure consistent access to potable water during hazard events.
  - a. Heat Response
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: FEMA HMA Grants; CDBG; FAA; EPA; USBR
  - d. Department: Louis Armstrong Airport and New Orleans Aviation
18. Domestic Water Storage Capacity Project: Implement a domestic water storage project to provide a backup source of potable water for the Louis Armstrong Airport
  - a. Heat Response
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: FEMA HMA Grants; CDBG; FAA; EPA; USBR
  - d. Department: Louis Armstrong Airport and New Orleans Aviation

19. Make-Up Water Well Project: Implement a water well project at the Louis Armstrong Airport to improve resiliency and provide a backup source of water that serves the central utility plant and HVAC system.
  - a. Heat Response
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: FEMA HMA Grants; CDBG; FAA; EPA; USBR
  - d. Department: Louis Armstrong Airport and New Orleans Aviation
20. Looped Water System Project: Implement a looped water system to the existing infrastructure at the Louis Armstrong Airport to improve resiliency for existing water services.
  - a. Heat Response
  - b. Planning and implementation stage (TBC)
  - c. Local Budget; Federal Grants: FEMA HMA Grants; CDBG; FAA; EPA; USBR
  - d. Department: Louis Armstrong Airport and New Orleans Aviation
  - e.

## 9. Housing Ecosystem Plan (2024)

### Housing Ecosystem Plan (2024)

City of New Orleans Office of the Mayor (LaToya Cantrell), Office of Community Development, Office of Community Assets and Investment

RACI Items

- Expanding programs to reduce homelessness and inadequate housing

Activities

1. Reform land use
  - a. Heat Response
  - b. Implementation stage
  - c. Local funding
  - d. *Number of accessory dwelling units (ADUs), parking maximum and shared parking spaces, number of duplexes/triplexes/townhouses*
2. Invest in affordability
  - a. Heat Response
  - b. Implementation stage
  - c. Federal entitlements, Housing Trust Fund, and Housing bond issue
  - d. *Home ownership for families of 4 below or around average medium income*
3. Strengthen housing ecosystem
  - a. Heat Response
  - b. Implementation stage
  - c. Unknown

## 10. NOLA Ready Platform (2025)

### NOLA Ready (Platform)

#### City of New Orleans Homeland Security and Emergency Preparedness

##### Related RACI Items

- Share educational resources on extreme heat, including how to spot signs of heat-related illness and steps to prevent it
- Update of emergency websites with relevant information for peak heat season
- Release periodic media and emergency advisories

##### Activities

1. Plan for Seniors- Education and outreach for people over 65 for heat best practices and outreach for assisting people with dementia or Alzheimer's during extreme heat
  - a. Heat Response
  - b. Unknown
2. Plan for Children- Education and outreach for those caring for infants and small children during extreme heat events
  - a. Heat Response
  - b. Unknown
3. Plan for Pets- Education and outreach on protecting pets from overheating, the risks of heat related illness, and symptoms of heatstroke
  - a. Heat Response
  - b. Unknown
4. Education around Medication- Education and outreach on medications that can cause heat intolerance, medications that cause dehydration and medications that cause skin sensitivity.
  - a. Heat Response
  - b. Unknown

## 11. Plan for the 21st Century (“the Master Plan”) (2010-2030)

### Plan for the 21st Century (“the Master Plan”)

#### New Orleans Plan and Comprehensive Zoning Ordinance

##### Related RACI Items

- Improve tree canopy and heat-mitigating vegetation, and identify "heat islands" and neighborhoods which may need extra help
  1. Remove zoning and regulatory barriers to community gardens
    - a. Heat Reduction
    - b. Department: City Planning Commission (CPC)

2. Perform an inventory of possible gardening sites and determine their suitability for gardening (e.g. perform soil contamination tests).
  - a. Heat Reduction
  - b. Department: Office of Resilience and Sustainability (ORS); Parks and Parkways; NORA
3. Explore community orchards as an interim use for vacant land
  - a. Heat Reduction
  - b. Department: ORS; S&WB; NORA
4. Provide incentives such as city assistance in debris removal or reduced water fees to encourage reuse of vacant properties for urban agriculture.
  - a. Heat Reduction
  - b. Department: ORS; S&WB; NORA
5. Establish schoolyard greening programs.
  - a. Heat Reduction
  - b. Department: ORS; Park and Parkways; New Orleans Schools
6. Establish native plantings in public road, rail, drainage and utility corridors that are not suitable for pedestrian and recreation access.
  - a. Heat Reduction
  - b. Department: Parks & Parkways
7. Raise public awareness of tree canopy as habitat in the city's urban forestry program through publications and education programs
  - a. Heat Reduction
  - b. Department: Parks & Parkways
8. Ensure that homes, commercial buildings, and public facilities are "weatherized" and energy-efficient. Done through energy smart program funding, energy efficiency surveys of buildings, and energy management fund for capital improvements to public facilities
  - a. Heat Response
  - b. Departments: CAO, City Council, Entergy New Orleans
9. Expanding the use of renewable energy sources by public utilities. Done through Entergy's Geaux Green program, renewable energy standards for all city facilities as part of the Climate Action Plan, and advocacy for renewables in the state.
  - a. Heat Response
  - b. Departments: ORS, CAO, Property Management Department
10. Establishing voluntary green building standards and requiring municipal facilities to adopt sustainable building practices. Including a city ordinance that mandates facilities to meet sustainable standards
  - a. Heat Response

- b. Departments: City Council, ORS, Green Building Task Force

Funding: Funding sources include philanthropic funding, the Energy Management Fund, Federal funding and grants, staff time, and private and non-profit partners

## 12. Reforestation Plan (2022)

### New Orleans Reforestation Plan (2022)

City of New Orleans Office of Resilience & Sustainability, City of New Orleans Department of Parks and Parkways, New Orleans City Planning Commission, Sewerage & Water Board of New Orleans

Related RACI Items

- Improve tree canopy and heat-mitigating vegetation

Activities

1. **Increase canopy coverage of New Orleans**
  - a. Heat Reduction
  - b. Implementation stage
  - c. Plan to seek funding from City of New Orleans
  - d. *Increase canopy coverage of NOLA to 10% within 10 years across 5 neighborhoods over 5 years*
  - e. New Orleans Redevelopment Authority (NORA), Housing Authority of New Orleans (HANO)

## 13. Resilient New Orleans (2015)

### Resilient New Orleans (2015)

City of New Orleans Office of the Mayor (Mitchell Landrieu)

Related RACI Items

- Identification of trusted community partners in heat-affected communities
- Develop overall governance strategy for heat action
- Share educational resources on extreme heat, including how to spot signs of heat-related illness and steps to prevent it
- Share educational resources on home weatherization and energy assistance programs
- Update of emergency websites with relevant information for peak heat season
- Update and enforcement of policies, programs, and laws to account for extreme heat, such as home energy efficiency programs, home weatherization programs, energy codes, cooling cost subsidies, no shut-off programs, and maximum safe indoor temperature standards
- Providing long-term support for Resilience Hubs, including installation of air conditioning and back-up solar/battery systems,

ensuring access to water, and coordinating community programming at safe indoor spaces during heat events

- Making information and tools relevant to extreme heat more widely available, actionable, and accessible at the local level
- Improve tree canopy and heat-mitigating vegetation
- Share educational resources on extreme heat, including how to spot signs of heat-related illness and steps to prevent it, Share educational resources on home weatherization and energy assistance programs
- Develop overall governance strategy for heat action

## Activities

### 1. Implement urban water plan projects

- a. Heat Reduction
- b. Implementation stage
- c. Secured funding from HMGP, NDRC, BP Settlement, SWBNO
- d. *No metrics identified within plan*
- e. Lead: City of New Orleans, Sewerage and Water Board of New Orleans (SWBNO)
  - i. Partner: New Orleans Redevelopment Authority (NORA), external partners,

### 2. Establish resilience center

- a. Heat Reduction and Heat Response
- b. Implementation stage
- c. Plan to seek funding from philanthropy, private investment
- d. *No metrics identified within plan*
- e. Leading department: City of New Orleans

### 3. Design and implement climate action plan

- a. Heat Reduction
- b. Implementation stage
- c. Plan to seek funding from City of New Orleans (CNO), philanthropy
- d. *Aggressive greenhouse gas reduction target for 2050*
- e. Leading department: City of New Orleans

### 4. Redesign regional transportation systems

- a. Heat Reduction
- b. Planning stage
- c. Unknown
- d. *No metrics identified within plan*
- e. Lead: City of New Orleans, Regional Transit Authority (RTA)

### 5. Establish Mayor's Office Resilience and Sustainability

- a. Heat Reduction/Heat Response
- b. Planning stage
- c. Plan to seek funding from City of New Orleans (CNO), philanthropy, private
- d. *No metrics identified within plan*
- e. Lead: City of New Orleans

- i. New Orleans Redevelopment Authority (NORA), Office of Performance and Accountability (OPA)

**6. Launch neighborhood resilience program**

- a. Heat Response
- b. Planning stage
- c. Unknown
- d. *No metrics identified within plan*
- e. New Orleans Redevelopment Authority (NORA)

**14. Summer 2023 Extreme Heat After Action Report/Improvement Plan (2023)**

Summer 2023 Extreme Heat After Action Report/Improvement Plan (2023)

**New Orleans Office of Homeland Security and Emergency Preparedness (NOHSEP)**

New Orleans Recreation Development Commission (NORDC), New Orleans Office of Homeless Services and Strategy (OHSS), New Orleans Health Department (NOHD), New Orleans Fire Department (NOFD), New Orleans Emergency Medical Services (NOEMS), Orleans Parish Communications District (OPCD), Mayor’s Office of Communications, New Orleans Public Library (NOPL), Property Management, Regional Transit Authority (NORTA), Office of Community Development (OCD)

Related RACI Items

- Develop overall governance strategy for heat action
- Develop and review of heat action thresholds
- Create a transportation plan to allow for access of cooling centers
- Identify air-conditioned sites that could act as stationary or mobile cooling centers
- Making information and tools relevant to extreme heat more widely available, actionable, and accessible at the local level
- Surge capacity to distribute water, fans, cooling towels, ice packs, and other resources
- Surge capacity to provide cooling center staffing
- Release periodic media and emergency advisories
- Communication with outdoor workers and special event organizers about heat-related policies and recommended procedures
- Update of emergency websites with relevant information for peak heat season
- Track heat-related morbidity and mortality

Activities

- 1. Develop dedicated plan for extreme heat**
  - a. Heat Response
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. NOHSEP
- 2. Develop policies and safety guidance for city employees who work outdoors during extreme heat events.**
  - a. Heat Response
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*

- e. City leadership indicated an interest, NOHD, CAO
- 3. Work with transportation providers to establish a standing process for coordination of transportation requests.**
  - a. Heat Response
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. OHSS, OPCD, RTA, UNITY, NOPD, NOEMS
- 4. Revise thresholds and include in new Extreme Temperature Relief Plan**
  - a. Heat Response
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. NOHSEP, NOHD
- 5. Use terms such as “cooling center” or “heat relief location,” avoid ERC or shelter terms with other connotations.**
  - a. Heat Response
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. NOHSEP
- 6. Evaluate potential portable/deployable cooling/heating systems and determine if future rental or procurement is appropriate**
  - a. Heat Response
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. Property Management, CAO - Infrastructure
- 7. Determine if standing contract for cooling services is appropriate**
  - a. Heat Response
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. NOHSEP, OHSS
- 8. Coordinate with ways to improve data-sharing and reporting processes related to heat-related illness/death**
  - a. Heat Response
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. NOHD, NOEMS
- 9. Investigate more sustainable methods for distribution of water during heat events**
  - a. Heat Response
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*

- e. NOHSEP
- 10. Investigate ways to improve local capability for air quality monitoring**
- a. Heat Response
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. NOHSEP, NOHD

**15. Taking Steps Together on Equity and Climate Change: A Report By and For New Orleanians (2019)**

Taking Steps Together on Equity and Climate Change: A Report By and For New Orleanians (2019)

City of New Orleans Office of the Mayor (LaToya Cantrell), Greater New Orleans Foundation, Deep South Center for Environmental Justice

RACI Items

- Update and enforcement of policies, programs, and laws to account for extreme heat, such as home energy efficiency programs, home weatherization programs, energy codes, cooling cost subsidies, no shut-off programs, and maximum safe indoor temperature standards
- Create a transportation plan to allow for access of cooling centers
- Identification of trusted community partners in heat-affected communities

Activities

1. **Invest in low income neighborhood with community solar programs, which are now enabled by a recent City Council resolution (R-25-352)**
  - a. Heat Reduction
  - b. Planning stage
  - c. Plan to seek funding from federal departments/agencies that provide community solar grants and other funding, financing institutions
  - d. *No metrics identified within plan*
  - e. Potential partners: Mayor, City Council, Neighborhood Associations, Office of Neighborhood Engagement, Office of Resilience and Sustainability, local renewable energy companies, Greater New Orleans Foundation, Federal departments/agencies that provide community solar grants and other funding, financing institutions
2. **Help residents to reduce the cost of electric bills by generating their own**
  - a. Heat Reduction
  - b. Planning stage
  - c. Plan to seek funding through utility rates, or state/federal grant programs focusing on reducing energy burdens and improving climate resilience
  - d. *No metrics identified within plan*

- e. Potential partners: Mayor, city council, local renewable energy companies, Federal departments/agencies that provide community solar grants and other funding, financing institutions
3. **Fund public transit improvements in Algiers, Hollygrove, Lower 9th Ward, New Orleans East, and other under-served communities**
    - a. Heat Reduction
    - b. Planning stage
    - c. Plan to seek funding from the Regional Transit Authority (RTA) and the Regional Planning Commission (RPC). The RTA manages local buses and street cars. The RPC approves funding for transportation in the New Orleans Metropolitan Region
    - d. *No metrics identified within plan*
    - e. Potential Partners: Regional Transit Authority, Regional Planning Commission, Mayor, City Council, Ride New Orleans, Worker organizations, Parental organizations, Office of Neighborhood Engagement, Office of Transportation
  4. **Increase access to innovative and affordable transportation options by placing car share and bike share locations in underserved neighborhoods**
    - a. Heat Reduction
    - b. Planning stage
    - c. Unknown
    - d. *No metrics identified within plan*
    - e. Potential partners: Bike Easy, enterprise car rentals, Zip Car, Mayor, City Council, Neighborhood groups and community-based organizations
  5. **Create safe livable wage jobs in recycling, composting, and waste collection by setting quality standards with city contractors**
    - a. Heat Reduction
    - b. Planning stage
    - c. Unknown
    - d. *No metrics identified within plan*
    - e. Potential partners: Department of Sanitation, trash disposal companies contracted with the City of New Orleans
  6. **Establish a city ordinance requiring apartments of 10 or more rental units to provide recycling service**
    - a. Heat Reduction
    - b. Planning stage
    - c. Unknown
    - d. *No metrics identified within plan*
    - e. Potential partners: Mayor, city council, department of sanitation, property management companies, private waste collection companies, Housing NOLA
  7. **Expand hours/locations of drop off centers and waste transfer centers**

- a. Heat Reduction
  - b. Planning stage
  - c. Unknown
  - d. *No metrics identified within plan*
  - e. Potential partners: Mayor, City Council, Department of Sanitation
- 8. Engage culture bearers in conversations to raise awareness of need for climate action**
- a. Heat Response
  - b. Planning stage
  - c. Federal departments/agencies that provide community solar grants and other funding, financing institutions
  - d. *No metrics identified within plan*
  - e. Potential partners: Externa partners, Greater New Orleans Foundations, African American Social Aid and Pleasure Clubs, Asian and Hispanic culture and heritage organizations, museums, cultural centers

## 16. Youth Master Plan (2020-2030)

### Youth Master Plan

#### **Children & Youth Planning Board (CYPB), the Mayor’s Office of Youth and Families (OYF), and the New Orleans Youth Alliance (NOYA)**

##### Related RACI Items

- Coordinate use of public buses or other mobile cooling strategies to provide free air-conditioned shelter at key locations
- Installing new cooling infrastructure
- Improve tree canopy and heat-mitigating vegetation

##### Activities

1. SP4: Invest in social infrastructure—libraries, community centers and other gathering spaces—that are easily accessed from every neighborhood, equipped with programs and on-site youth services that are staffed by trained people who are paid a living wage
  - a. Heat Response
  - b. Department: New Orleans Office of Transportation
2. SP1: Improve and maintain safe and active mobility options in all neighborhoods, as determined by the residents, to ensure connectivity to essential services (food, healthcare) and social infrastructure (parks, playgrounds, libraries).
  - a. Heat Response
  - b. Department: New Orleans Office of Transportation
3. SP3: Ensure the public transit system encompasses the entire New Orleans metro area, and is safe, and lower-cost or free to youth.
  - a. Heat Response

- b. Department: New Orleans Regional Transit Authority (RTA)

Funding: The Youth Master Plan items will be funded in partnership with the Children's Funding Project, and a citywide fiscal map will be published in 2020 to monitor City-level investments.