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MAYOR

EXECUTIVE DIRECTIVE NO. 25

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Subject: L.A.'s Green New Deal: Leading By Example

Today marks the end of one era and the beginning of another. No longer will we allow fear, obfuscation, and misinformation to deter us from our generational battle against climate change. At this moment, we are faced with a moral imperative and an economic opportunity, and the City of Los Angeles will take a leading role in the fight for our future. In the face of the climate emergency, Los Angeles will transform how we plan, build, and maintain our City to achieve a low-carbon, green-energy future with ample opportunity and full access for all.

On April 8, 2015, I introduced L.A.'s first Sustainable City pLAN (pLAN) and issued Executive Directive No. 7 — putting us on a path to protect our environment, grow our economy, and ensure that Los Angeles remains a city of opportunity for all people.

Angelenos are already seeing the results: in the last four years, L.A. has been recognized as the number-one solar city in America, pioneered new transportation technologies, reduced our greenhouse gas (GHG) emissions by 11 percent in a single year, and created more than 35,000 green jobs. We brought \$235 million dollars in funding for clean energy and transportation, trees, and transit-oriented affordable housing to our most disadvantaged communities, demonstrating how we can cut carbon and improve people's lives in concert.

Despite our progress, L.A. has seen the escalating effects of a warming planet in our communities. Climate change — from dangerous heat to drought and wildfires — is reaching emergency proportions and the 2020's must become the historic decade of climate action to maintain a world where we all can thrive.

L.A.'s Green New Deal, released on April 29, 2019 as the first four-year update to the pLAN, provides a global model for becoming a carbon-neutral city and upholding the Paris Climate Agreement. It is guided by the key principle that we must marry ecological preservation with environmental justice and economic opportunity and focuses on the "Five Zeros" of climate and clean air action- a zero carbon grid, zero carbon ground transportation, zero carbon buildings, zero waste, and zero wasted water. Furthermore, L.A.'s Green New Deal prioritizes equity and

ensures that the most impacted communities experience the benefits of our work to make our city healthy, prosperous and resilient.

As L.A. embarks on this decade of action with ambitious policies to cut carbon and health-harming emissions and develop an inclusive, green economy, we have to make certain that City government is leading the way. City Hall must be bold in investing our resources, building our infrastructure, and committing our workforce to sustain our environment for future generations of Angelenos.

Accordingly, I hereby order the following:

Zero Carbon Grid

- Provide Equitable Access to Clean Energy Programs: The Board of Water and Power Commissioners shall ensure that the General Manager of DWP accelerates development of programs to increase access to clean energy for multi-family buildings, low-income residents, and affordable housing by July 2020. These programs should be informed by stakeholder input and the department's Equity Metrics Data Initiative and prioritize areas of the City with historically low participation in LADWP rebate and renewable energy programs.
- Build Zero Carbon Microgrids for Resilience at City Facilities: The General Managers, Heads of Departments/Offices, and Commissions of DWP, GSD, Fire, Police, Emergency Management, Library, Sanitation, Recreation and Parks and LAWA shall develop criteria to identify and prioritize micro-grid projects at critical City-owned infrastructure by July 2020.
- Deploy Smart Meters City-wide: The Board of Water and Power Commissioners shall ensure that the General Manager of DWP implement programs to expedite the replacement of all electric meters in the City to be smart meters to ensure the efficient and effective rollout of distributed energy resources, local solar and storage, and demand response programs. The Board shall ensure that starting this year all new and replacement meters will be smart meters, with 50% of the City having smart meters by 2024 and 100% by 2025. By 2022, at least 250,000 smart meters should be deployed.

Zero Carbon Buildings

- Clean and Healthy Municipal Buildings: The City Engineer and the General Manager of the General Services Department (GSD) shall ensure that all new municipally-owned buildings or major renovations be designed to reach carbon neutrality by 2030, including by maximizing deployment of energy efficiency, smart design, on-site renewable generation, and electrification. The Board of Airport Commissioners, the Board of Harbor Commissioners, and the Board of Water and Power Commissioners shall ensure that the General Managers of Los Angeles World Airports (LAWA), Port of Los Angeles (Port), and Los Angeles Department of Water and Power (DWP) provide capital construction work plans by July 1, 2020 detailing their plans to achieve carbon neutral facilities to the Mayor, and report quarterly on their progress.

- Reduce Carbon in Construction Materials: The City Engineer shall cause the Bureau of Engineering (BOE) to adopt the Buy Clean California Act guidelines to reduce greenhouse gas emissions from building materials. The City Engineer shall instruct BOE to require Environmental Product Disclosures for all steel, flat glass, and mineral wool insulation by January 1, 2021, align procurement decisions for steel, flat glass, and mineral wool using State of California- adopted Global Warming Potential limits by July 1, 2021, and examine additional carbon intensive building materials to include in the future. In addition, the City Engineer shall instruct BOE to study the use of building materials that sequester carbon and report back to the Mayor's Office with its findings and recommendation by June 1, 2020.

Zero Carbon Transportation

Expanding Zero Emission Vehicles

- Accelerate Zero Emission Bus Deployment: The General Managers, Heads of Departments/Offices, and Commissions of the Department of Transportation (DOT), the Department of General Services, and DWP, and of the Bureaus of the Department of Public Works shall accelerate zero emission bus purchase and deployment to ensure that the City's bus fleet is entirely zero emission in time for hosting the Olympic and Paralympic Games in 2028. The General Manager of DOT shall prioritize zero emission bus deployment based on the Plan for a Healthy Los Angeles' Community Equity and Health Index. The General Manager of DOT shall ensure that DOT does not purchase any further transit buses powered by fossil fuels.
- Procure Zero Emission Vehicles: By 2021, all municipal fleets shall follow a zero-emission first procurement policy, ensuring that if a zero emission option exists and meets operational requirements, that option will be chosen. By 2021, 100% of all new sedan procurement shall be zero emission.
- Streamline EV Charger Installation: Within 60 days of the execution of this Executive Directive, the General Managers, Heads of Departments/Offices, and Commissions of DWP, Building and Safety, DOT, City Planning, the Port, and of the Bureaus of Engineering, Contract Administration, Street Lighting and StreetsLA shall work through the Mayor's EV Task Force to review internal departmental processes, and develop and present a plan to the Mayor's Office to streamline processes related to EV supply equipment to the maximum extent possible to ensure an accelerated path for transportation electrification, e.g. charging infrastructure in the public right of way, home and workplace chargers, to enable electric drayage, and zero emission transit bus deployment in Los Angeles.

Expanding Sustainable Transportation Options

- Deliver More and Better Bus Transit: In conjunction with the Los Angeles County Metropolitan Transportation Authority (Metro) NextGen Bus Plan, the General Manager of the DOT shall by July 1, 2020 propose a network of bus infrastructure improvements and priority infrastructure, including but not limited to bus-only lanes,

queue jumpers, and signal priority, that improve travel speeds on transit corridors by 30% consistent with the Metro Vision 2028 Strategic Plan. DOT shall begin implementation of these improvements by October 1, 2020. The General Manager of DOT shall prioritize bus infrastructure improvements for bus routes based on the Plan for a Healthy Los Angeles' Community Equity and Health Index and the High Injury Network.

- Deliver More and Better Rail Transit: All General Managers, Heads of Departments/Offices, and Commissions of City Government shall continue to partner with Metro for the efficient delivery of new major transit projects and investments within the City. By July 1, 2020, the General Manager of DOT, in conjunction with Metro, shall develop a rail transit priority program, including but not limited to traffic signal preemption program for existing and future light rail transit lines to improve travel time and reliability. The General Manager of DOT shall begin implementing these improvements by January 1, 2021.
- Activate Streets: To encourage zero emissions trips Citywide and within neighborhoods, beginning July 1, 2020 the General Manager of DOT shall complete at least one major regional active transportation project and neighborhood-oriented active transportation network per year. By July 1, 2020, the General Manager of DOT, in consultation with the Bureaus of the Department of Public Works, shall submit to the Mayor an implementation plan for a comprehensive Citywide network of active transportation corridors for walking, bicycling, and micro-mobility, including but not limited to Class IV protected bike lanes where possible, Class I paths along regional waterways, and Class III low-stress neighborhood bike improvements. The General Manager of DOT shall prioritize active transportation infrastructure based on the Plan for a Healthy Los Angeles' Community Equity and Health Index and the High Injury Network. By January 1, 2021, the General Manager of DOT shall ensure the department increases the frequency of open streets events (e.g., CicLAvia, Play Streets) to monthly and also submit to the Mayor's Office of City Services a phasing plan to deliver weekly open streets events by July 1, 2022.
- Use New Tools to Reduce Congestion: The General Manager of DOT shall designate, by March 1, 2020, a team to support the development of a congestion pricing pilot program to improve mobility and air quality and reduce greenhouse gas emissions. This team shall coordinate with Metro's Congestion Pricing Feasibility Study and shall submit a joint proposal to the Mayor by January 1, 2021 for a congestion pricing pilot.
- Prioritize Land Use and the Right-of-Way: The General Managers, Heads of Departments/Offices, and Commissions of DOT, City Planning, and Bureaus of the Department of Public Works shall, in consultation with the Mayor's Office, submit to the Mayor by July 1, 2020 a set of protocols to ensure all departmental decisions regarding the use and design of the public right-of-way support the reduction of VMT and transportation-related greenhouse gas emissions consistent with the commitments in L.A.'s Green New Deal. These protocols shall prioritize safety and VMT reduction in planning, design, construction, and operations and maintenance of the public right-of-way by encouraging the use of fast and reliable transit, walking, bicycling, and micro-mobility options. In updating the General Plan and Community

Plans, the Director of Planning and General Manager of DOT shall coordinate to ensure that land use planning proposals and supportive strategies can effectively achieve applicable VMT reduction targets.

Zero Waste

- Achieve a Zero Waste City Hall: The General Managers of Sanitation and GSD shall develop and submit to the Mayor's Office a plan by December 31st, 2020 to achieve a zero waste City Hall by 2025. The plan shall emphasize waste reduction, include strategies for employee and stakeholder outreach, and include the development of a zero waste policy for City-sponsored and permitted events.
- Achieve Zero Waste Departments: All General Managers, Heads of Departments/Offices, and Commissions of City Government shall submit plans by December 31st, 2020 for their departments to achieve the City's zero waste 2025 target, with an emphasis on waste reduction, including plans for employee and visitor engagement, where applicable. The General Manager of Sanitation shall support this with the formation of a "Road to Zero Waste" reference guide by September 1, 2020. In addition, attached to each annual General Manager review, General Managers shall include a status report and waste review, including tonnage by type (recycling, landfill, green waste) at each of their City-owned facilities starting in 2021.

Zero Wasted Water

- Advance Safe, Clean Water: By no later than April 2020, the General Managers, Heads of Departments/Offices, and Commissions of Sanitation, DWP, StreetsLA, Bureau of Engineering, and RAP shall present to the Mayor's Water Cabinet final prioritization criteria for advancing projects under the County's Safe, Clean Water Program that meet the water quality, local water and equity goals set forth in LA's Green New Deal.
- Accelerate Technologies to Reduce Water Use: The Board of Water and Power Commissioners shall ensure that the General Manager of DWP implements programs to expedite the replacement of all water meters in the City to be smart meters directly following the deployment of electric smart meters. In the interim, DWP will develop a rebate program by June 2020 to incentivize customer-side products that help track and manage their water use.

Resilient and Cool City

- Grow An Equitable Tree Canopy: Due to drought and increased incidence of pests, the city is losing trees and therefore needed shade and other benefits. The City Forest Officer, working in coordination with the General Managers, Heads of Departments/Offices, and Commissions of RAP, StreetsLA, Sanitation, DWP, and City Planning, shall develop an implementation strategy by April 2020 of LA's Green

New Deal goal to plant and maintain at least 90,000 trees citywide by 2021 and increase tree canopy in areas of greatest need by at least 50% by 2028.

- Build Climate Resilient Streets: The General Managers, Heads of Departments/Offices, and Commissions of the Bureaus of the Department of Public Works, DOT, and City Planning shall develop and submit to the Mayor's Office of Sustainability by July 1, 2020, guiding principles that ensure public right-of-way projects utilize climate resilience strategies and support a multi-modal transportation network by including tree canopy health, green infrastructure, shade amenities, and heat-reducing materials.
- Cool Our Neighborhoods: The General Manager of StreetsLA shall develop and submit to the Mayor an implementation strategy by March 2020 that ensures every high-volume transit stop has access to cooling features by 2021 and identifies ten cool neighborhood pilot locations, the cooling methods for each, and the timeline to complete six neighborhood pilots by 2021 and four more by 2025. The strategy will further the goal to install an estimated 250 lane miles of cool pavement by 2028, prioritizing the neighborhoods with the most severe impacts from increasing temperatures.
- Cool Roofs and Surfaces: The General Manager of Building and Safety, in consultation with the City Attorney, shall propose amendments to the Los Angeles Green Building Code updating the existing (i) cool roof requirements to cover all new roofs and renovations above an appropriate threshold and increasing roof reflectivity requirements by June 1, 2020 and (ii) hardscape requirements for private property (such as walkways and parking) to increase the cool surface requirement to 50% of total surfaces on the property.

Clean and Healthy City

- Smart, Data-Driven Improvements in Air Quality: The General Managers of DOT and Bureau of Street Lighting (BSL) shall develop, in coordination with the Mayor's Office and the Information Technology Agency, an air quality monitoring plan by July 1, 2020 to track baseline air quality, and where possible, air quality improvements resulting from implementing transportation-related projects in Los Angeles. The General Managers of DOT and BSL shall engage partners (e.g. academic, other public sector, etc.) to assess public health outcomes associated with air quality changes due to implementation of projects.

Invest in a Low-Carbon Future

- Green Finance: The City Administrative Officer (CAO) shall research and report back on financing instruments and mechanisms, including executed deals, currently available and occurring in the municipal market which have a positive climate and environmental impact by December 2020.

- Pensions: Request the Boards of the city's retirement systems to evaluate the risk factors associated with fossil fuel investments, the opportunities associated with low and zero carbon-based and renewable energy investments, and, consistent with its fiduciary duties to its members, incorporate findings into the system's investment policies.

Executed this 10th day of February, 2020.

ERIC GARCETTI

Mayor