



STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
2800 BERLIN TURNPIKE, P.O. BOX 317546
NEWINGTON, CONNECTICUT 06131-7546



**Office of the
Commissioner**

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March 25, 2024

Commissioner Katie S. Dykes
Department of Energy & Environmental Protection
79 Elm Street
Hartford, CT 06106

Dear Commissioner Dykes,

On behalf of the Connecticut Department of Transportation (CTDOT), I submit this letter of commitment for the Connecticut Department of Energy and Environmental Protection's (CT DEEP) *individual* application requesting federal funding from the EPA Climate Pollution Reduction Grant (CPRG) Phase II Implementation Grant (EPA-R-OAR-CPRGI-23-07). The Department of Transportation commits to partner with the CT DEEP through an interagency Memorandum of Agreement (MOA), the mechanism by which the EPA funding will be sub awarded to CTDOT for the implementation of the greenhouse gas reduction measure of replacing diesel-powered idling truck mounted attenuators (TMAs) used in CTDOT's transportation construction work with solar and battery-powered ZeroRPM® TMA systems.

The mission of CTDOT is to provide a safe and efficient intermodal transportation network that improves the quality of life and promotes economic vitality for the State and the region. As the Commissioner of CTDOT, I am a member of the Governor's Council on Climate Change, which provided the policy and program recommendations that informed the development of the CPRG Connecticut State Priority Climate Action Plan. CTDOT has a strong commitment to reducing greenhouse gas emissions across the agency, demonstrated through the implementation of Connecticut's National Electric Vehicle Infrastructure Program (NEVI), Transit Climate Action Plan, and the Carbon Reduction Program. Additionally, CTDOT's Fiscal Years 2022 – 2026 Capital Plan focuses on transportation projects reducing greenhouse gas emissions, protecting natural and community resources, and improving the health and safety of residents.

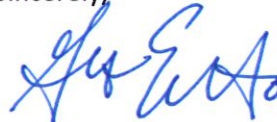
Partnering with CTDOT will allow the CT DEEP to more effectively perform this project because the TMAs are owned and operated by CTDOT. Making a subaward to CTDOT will allow CTDOT to directly purchase the new TMAs, allowing the funding to be spent effectively and efficiently. CTDOT will administer all aspects of the implementation of the solar- and battery-powered ZeroRPM® TMA systems as included in the application workplan of program management, purchasing the truck mounted attenuator trucks, providing training and implementation, and education and technical reporting.

CTDOT has a fleet of 144 trucks that protect highway crews and drivers during road construction and repair. The trucks have built-in crash protection called "mounted attenuators." Because construction takes place over long periods, these trucks must idle all day to provide power for warning lights, signage,

and other truck-mounted equipment. Each truck idles for 262 days and more than 2,000 hours per year. As part of this measure, Connecticut would purchase truck mounted attenuators that have a ZeroRPM® battery storage system, which includes solar power. The system would provide power for lights and signage; therefore, eliminating the need to idle 144 trucks, reducing greenhouse gas emissions and air pollutants. This provides a direct positive health benefit for the workers performing maintenance tasks in the area over the course of an 8-hour shift and the communities through which our state highways and roads pass.

I am confident that CTDEEP's plan and implementation strategy for all of the actions in the implementation grant, including the TMAs measure, will achieve the grant program's goals of "achieving significant cumulative GHG reductions by 2030 and beyond", "achieving substantial community benefits, including the reduction of criteria air pollutants and hazardous air pollutants," "complementing other funding sources to maximize greenhouse gas emissions and community benefits" and "pursuing innovative policies and programs that are replicable and can be "scaled up" across multiple jurisdictions." If you have any questions about CTDOT's strong commitment to this effort, please contact me at garrett.eucalitto@ct.gov or (860) 594-3001.

Sincerely,



Garrett Eucalitto
Commissioner