

Second Reading

Subject: Resolution No. 176-27A1
In Support of Carbon Neutral Schools
- Commissioners Hydra Mendoza-McDonnell and Matt Haney

WHEREAS: The most significant environmental challenge of our time is that posed by anthropogenic climate change; and

WHEREAS: The State of California just experienced one of the worst droughts in its recorded history; and

WHEREAS: The State of California has legislated greenhouse gas reductions of 40% by 2030 (SB32) and an executive directive to reduce emissions 80% by 2050; and

WHEREAS: The City and County of San Francisco has a goal of reducing its greenhouse gas emissions 40% by 2025 and 80% by 2050; and

WHEREAS: The State of California is mandating that all new commercial buildings be Zero Net Energy (ZNE) and energy usage among existing buildings be halved by 2030; and

WHEREAS: The Mayor has required all City departments to reduce their water usage by 25%; and.

WHEREAS: The San Francisco Unified School District (SFUSD) recognizes its contribution to climate change via the natural gas it uses to heat its buildings and fuels it uses to power its vehicles; and

WHEREAS: The Division of the State Architect, which oversees school construction, is promoting the construction of Zero Net Energy (ZNE) school buildings because they are already cost effective; and

WHEREAS: The SFUSD Sustainability Office has developed a *Carbon Reduction Plan* for SFUSD buildings and vehicles, in consultation with the Bond, Buildings & Grounds, Facilities, and Transportation Departments; and

WHEREAS: SFUSD utility rates are expected to increase dramatically in the next few years; and

WHEREAS: The SFUSD is a member of the Department of Energy's (DOE) *Zero Energy Schools Accelerator* and working with PG&E to implement a ZNE modernization project at Garfield Elementary School; and

WHEREAS: The SFPUC provides SFUSD with near carbon-free electricity generated by its Retch Hetchy water system; and

WHEREAS: The SFPUC is committed to installing photovoltaic panels on SFUSD buildings to reduce emissions even further; and

WHEREAS: The City of San Francisco is saving money and reducing greenhouse gas emissions from its diesel fleet by over 60% by switching from petroleum to renewable diesel; and

WHEREAS: The State of California provides \$10,000 rebates toward the purchase of electric light-duty vehicles by public agencies; and

THEREFORE BE IT RESOLVED: That SFUSD will seek to achieve the following targets as it seeks to phase out fossil fuel use by 2040:

BUILDINGS

New buildings will be designed wherever possible with the goal of using no more energy than they could generate on site

New and modernized buildings will be plumbed for rainwater collection where feasible. SFUSD will strive to reduce gas usage 30% by 2020, 50% by 2030, and 100% by 2040. SFUSD will strive to reduce its water usage 30% by 2020 and 50% by 2030.

FLEET

All *new* SFUSD-owned vehicles shall be emissions-free.

SFUSD will strive to fuel all diesel-powered buses with renewable diesel by 2020.

All SFUSD-owned vehicles will be electric or powered by low-carbon fuels by 2030.

RENEWABLES

SFUSD will strive to generate all of its power on site by 2050.

SFUSD will strive to meet 50% of water demand via rainwater by 2050.

Please Note:

- Referred by order of the Chair to the Budget and Business Services and Buildings, Grounds, and Services Committees.
- Taken up by the Buildings, Grounds, and Services Committee on 8/28/17. Forwarded to the Board with a positive recommendation by general consent of the committee (Mendoza-McDonnell/Haney, Norton absent).
- Taken up by the Budget and Business Services Committee on 9/20/17. Forwarded to the Board with a positive recommendation by general consent of the Committee.

6/27/17

9/26/17