

1 [Clean Air Plan for Muni: Zero Emissions 2020]

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3 **Resolution supporting the Clean Air Plan for Muni entitled “Zero Emissions 2020”**
4 **released jointly by the San Francisco Department of the Environment and the Municipal**
5 **Transportation Agency detailing specific timing for the adoption of hybrid electric**
6 **buses, and requiring that 100% of the interim diesel fleet must be equipped with clean**
7 **air devices to minimize particulate matter (PM) and NOx (oxides of nitrogen) emissions.**

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9 WHEREAS, The Board of Supervisors seeks to encourage a Muni fleet management
10 plan that replaces conventional diesel buses with cleaner state-of-the-art bus technology; and,

11 WHEREAS, It should be San Francisco’s first and foremost priority to remove the
12 oldest and dirtiest diesel buses from service; and,

13 WHEREAS, Proposition I passed by the voters in 2003 also prioritizes the elimination
14 of the oldest and dirtiest diesel buses from the Muni fleet; and,

15 WHEREAS, Muni has completed an Alternative Fuel Pilot Program (AFPP) to
16 investigate and plan for emerging technologies including hybrid electric, compressed natural
17 gas (CNG), liquefied natural gas (LNG), battery, and eventually fuel cell technologies; and,

18 WHEREAS, The results of Muni’s pilot study have clearly established hybrid bus
19 technology as the most appropriate and promising technology for San Francisco; and,

20 WHEREAS, In the past two years hybrid bus technology has emerged as the national
21 industry standard with adoption in Seattle, Washington D.C., Orange County, Boston,
22 Toronto, New York and other major transportation agencies; and,

23 WHEREAS, The San Francisco Municipal Transportation Agency has emerged as a
24 leader in alternative bus technology, specifically hybrid bus procurement, with recognition by

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1 both the Federal Transit Administration (FTA) and the American Public Transportation
2 Association (APTA); and,

3 WHEREAS, The California Air Resources Board has recently changed the California
4 Transit Fleet Rule to allow for the purchase of hybrid buses; and,

5 WHEREAS, The San Francisco Department of the Environment has worked with Muni
6 to develop an aggressive plan for the adoption of hybrid buses as a key step toward achieving
7 an entirely electric drive zero emissions fleet by the year 2020; and,

8 WHEREAS, Muni's current active fleet of 375 diesel buses must be updated and
9 managed to minimize Particulate Matter (PM) and NOx (oxides of nitrogen) emissions using
10 emissions reduction devices; and,

11 WHEREAS, The current Muni reserve fleet of 45 buses are not compatible with state-
12 of-the art emissions reduction devices and must be immediately repowered or replaced to
13 accept emissions reduction devices like those on the rest of the Muni diesel fleet; and,

14 WHEREAS, Adopting alternative fuel technology is significantly more expensive but
15 has the benefits of being less polluting, and more efficient to operate; and,

16 WHEREAS, Muni service standards established by 1999 Proposition E are a top
17 priority and can be maintained under the fleet replacement schedule detailed in the Zero
18 Emission 2020 plan; now, therefore be it,

19 RESOLVED, That the Board of Supervisors supports the Clean Air Plan for Muni
20 entitled "Zero Emissions 2020" released jointly by the San Francisco Department of the
21 Environment and the Municipal Transportation Agency detailing specific timing for the
22 adoption of hybrid electric buses, and requiring that 100% of the interim diesel fleet must be
23 equipped with clean air devices to minimize Particulate Matter (PM) and NOx (oxides of
24 nitrogen) emissions.

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