

1 [Hydrogen Alternative Fuel Vehicle Feasibility Study]

2

3 Resolution urging the Department of Administrative Services to conduct a feasibility study on
4 the use of hydrogen engine alternative fuel vehicles in the City vehicle fleet.

5

6 WHEREAS, it has long been the policy of the City and County of San Francisco to
7 investigate and, if warranted, endorse and promote public policy and practices to improve the
8 environment; and,

9 WHEREAS, the Department of Administrative Services / Central Shops Division
10 operates the vehicle fleet for the City, including the light duty fleet of which 24% currently
11 operates on alternative fuels; and,

12 WHEREAS, the City has investigated and started utilizing several alternative vehicle
13 technologies, including electric vehicles, hybrid vehicles, and vehicles that use compressed
14 natural gas (CNG) and biodiesel fuel, and

15 WHEREAS, hydrogen alternative fuel-technology vehicles demonstrate many
16 environmental advantages over conventional combustion-engine vehicles, including a
17 decreased reliance on fossil fuels to operate the vehicle and cleaner emissions including no
18 creation of greenhouse gases when produced using clean, renewable sources of energy to
19 improve the environment and public health; and,

20 WHEREAS, initial prototypes of hydrogen engine vehicles have been demonstrated to
21 provide transportation without compromising have demonstrated high reliability and strong
22 performance of the vehicles; and,

23 WHEREAS, the State of California has launched the hydrogen fueling infrastructure is
24 growing, the State of California having launched a "Hydrogen Highway" initiative that will
25

1 ultimately result in a is planned to develop a network of fueling stations along major highways
2 and increase public funding for hydrogen-related infrastructure; and,

3 WHEREAS, analyzing the possibility of purchasing hydrogen alternative fuel vehicles is
4 consistent with the Department of Administrative Service's ongoing efforts to explore the use
5 of non-fossil alternative fuel burning vehicles in the City's fleet, ~~environmental~~ ~~converting~~
6 ~~existing fleet vehicle could provide an affordable, low-risk method to evaluate alternative fuel~~
7 ~~technology and to begin incorporating vehicles into the fleet;~~ therefore be it

8 WHEREAS, ~~a feasibility study could result not only in improvements to the environment~~
9 ~~of San Francisco but also could have a positive financial impact for the City; now, therefore,~~
10 ~~be it~~

11 RESOLVED, ~~That the Board of Supervisors hereby urges the Department of~~
12 ~~Administrative Services to conduct a feasibility study on the use of analyzing the possibility of~~
13 ~~hydrogen engine vehicles in the City vehicle fleet, and~~

14 FURTHER RESOLVED, that the Board of Supervisors urges the Department of
15 Administrative Services to complete a comprehensive review of in conjunction with the Bay Air
16 Quality Management District to assess and compare all available alternative technologies to
17 traditional fossil-fuel burning combustion vehicles, including electric, hybrid, CNG, LNG and
18 hydrogen vehicles, to determine to the extent possible which vehicle technologies or
19 combination of technologies provide the greatest environmental benefits while meeting the
20 city's cost and reliability requirements for its vehicle fleet.



City and County of San Francisco

City Hall
1 Dr. Carlton B. Goodlett Place
San Francisco, CA 94102-4689

Tails Resolution

File Number: 050838

Date Passed:

Resolution urging the Department of Administrative Services to conduct a feasibility study on the use of alternative fuel vehicles in the City vehicle fleet.

May 17, 2005 Board of Supervisors — REFERRED: Government Audit and Oversight Committee

June 21, 2005 Board of Supervisors — ADOPTED

Ayes: 10 - Alioto-Pier, Ammiano, Daly, Dufty, Elsbernd, Ma, McGoldrick, Mirkarimi, Peskin, Sandoval

Excused: 1 - Maxwell

File No. 050838

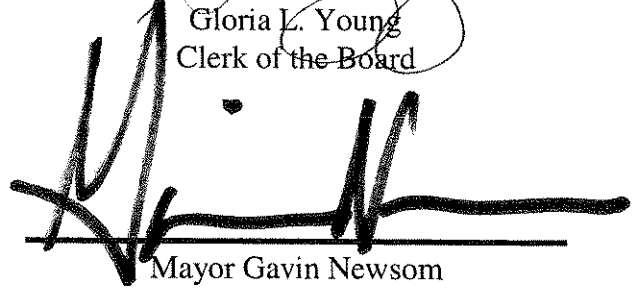
I hereby certify that the foregoing Resolution was ADOPTED on June 21, 2005 by the Board of Supervisors of the City and County of San Francisco.

JUN 23 2005

Date Approved



Gloria L. Young
Clerk of the Board



Mayor Gavin Newsom