

1 [Urging the Department of Environment to develop plans for a renewable hydrogen fueling
2 station alongside other alternative fuels]

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4 **Resolution urging the Department of the Environment to develop plans for a renewable**
5 **hydrogen fueling station, alongside other possible fuels, for the implementation of a**
6 **complete alternative fueling station in San Francisco and to report back to the Board**
7 **within 6 months.**

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9 WHEREAS, On May 11th 2004, the City and County of San Francisco declared “energy
10 independence” and approved an initiative to build a citywide renewable energy network,
11 including the development of hydrogen infrastructure; and

12 WHEREAS, on March 23rd, 2004 San Francisco adopted Resolutions authorizing the
13 Department of the Environment to accept and expend grants in the amount of \$50,000 from
14 the Pacific Gas and Electric Company, and \$25,000 from the Richard and Rhoda Goldman
15 Fund, to support the development of a hydrogen fueling infrastructure in the City and County
16 of San Francisco; and

17 WHEREAS, on January 10th 2003, San Francisco’s Commission on the Environment
18 adopted a resolution declaring San Francisco to be a “Hydrogen City” that seeks to adopt new
19 hydrogen technologies for both transportation and stationary applications; and

20 WHEREAS, the Commission on the Environment established the Hydrogen and
21 Renewable Energy Subcommittee and directed it to “...research and produce a report
22 assessing the most promising alternatives for hydrogen technologies, their approximate costs
23 and benefits, and the estimated time and resources required to implement them including...
24 an accounting of City activities where hydrogen may replace fossil fuel use...”; and
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1 WHEREAS, California’s Governor has called for the development of “hydrogen
2 highways” in California, placing hydrogen fueling stations at 20-mile intervals on all California
3 Freeways; and

4 WHEREAS, San Francisco may share the cost of developing a renewable energy
5 infrastructure using grants from other state agencies and departments and working with
6 private companies; and

7 WHEREAS, San Francisco recently received two hydrogen fuel-cell powered vehicles;
8 now therefore be it

9 RESOLVED, that the Board of Supervisors urges the Department of the Environment
10 to develop a plan for the development of a permanent renewable hydrogen fueling station
11 located within the City of San Francisco for use in its fleet operations; and be it

12 FURTHER RESOLVED that the planning of this station should include other possible
13 alternative fueling options including, bio-diesel, CNG, hydrogen, and other fuels to create a
14 comprehensive alternative fueling station in San Francisco; and

15 FURTHER RESOLVED, That this station should be sited in such a way that it can be
16 made accessible to the public, barring problems of liability, so that in future days San
17 Francisco’s investment in such an infrastructure might benefit the public and generate funds
18 with which to recoup costs and further the development of a green economy; and be it

19 FURTHER RESOLVED, That the Board of Supervisors urges the Department of the
20 Environment to set a timeline for the completion of the Hydrogen and Renewable Energy
21 Subcommittee report that should contain a full assessment of all renewable hydrogen-related
22 options including: long term plans for infrastructure and development, commercial availability
23 and cost.

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