

drogen and hydrogen-carrier fuels, including an infrastructure that supports buses and other fleet transportation;

(B) fuel cells in government and other applications, including portable, stationary, and transportation applications;

(C) distributed power generation, including the generation of combined heat, power, and clean fuels including hydrogen;

(D) uniform hydrogen codes, standards, and safety protocols; and

(E) vehicle hydrogen fuel system integrity safety performance.

**(2) Activities**

The Task Force may organize workshops and conferences, may issue publications, and may create databases to carry out its duties. The Task Force shall—

(A) foster the exchange of generic, non-proprietary information and technology among industry, academia, and government;

(B) develop and maintain an inventory and assessment of hydrogen, fuel cells, and other advanced technologies, including the commercial capability of each technology for the economic and environmentally safe production, distribution, delivery, storage, and use of hydrogen;

(C) integrate technical and other information made available as a result of the programs and activities under this subchapter;

(D) promote the marketplace introduction of infrastructure for hydrogen fuel vehicles; and

(E) conduct an education program to provide hydrogen and fuel cell information to potential end-users.

**(c) Agency cooperation**

The heads of all agencies, including those whose agencies are not represented on the Task Force, shall cooperate with and furnish information to the Task Force, the Technical Advisory Committee, and the Department.

(Pub. L. 109–58, title VIII, §806, Aug. 8, 2005, 119 Stat. 848.)

**§ 16156. Technical Advisory Committee**

**(a) Establishment**

The Hydrogen Technical and Fuel Cell Advisory Committee is established to advise the Secretary on the programs and activities under this subchapter.

**(b) Membership**

**(1) Members**

The Technical Advisory Committee shall be comprised of not fewer than 12 nor more than 25 members. The members shall be appointed by the Secretary to represent domestic industry, academia, professional societies, government agencies, Federal laboratories, previous advisory panels, and financial, environmental, and other appropriate organizations based on the Department's assessment of the technical and other qualifications of Technical Advisory Committee members and the needs of the Technical Advisory Committee.

**(2) Terms**

The term of a member of the Technical Advisory Committee shall not be more than 3

years. The Secretary may appoint members of the Technical Advisory Committee in a manner that allows the terms of the members serving at any time to expire at spaced intervals so as to ensure continuity in the functioning of the Technical Advisory Committee. A member of the Technical Advisory Committee whose term is expiring may be reappointed.

**(3) Chairperson**

The Technical Advisory Committee shall have a chairperson, who shall be elected by the members from among their number.

**(c) Review**

The Technical Advisory Committee shall review and make recommendations to the Secretary on—

(1) the implementation of programs and activities under this subchapter;

(2) the safety, economical, and environmental consequences of technologies for the production, distribution, delivery, storage, or use of hydrogen energy and fuel cells; and

(3) the plan under section 16153 of this title.

**(d) Response**

**(1) Consideration of recommendations**

The Secretary shall consider, but need not adopt, any recommendations of the Technical Advisory Committee under subsection (c).

**(2) Biennial report**

The Secretary shall transmit a biennial report to Congress describing any recommendations made by the Technical Advisory Committee since the previous report. The report shall include a description of how the Secretary has implemented or plans to implement the recommendations, or an explanation of the reasons that a recommendation will not be implemented. The report shall be transmitted along with the President's budget proposal.

**(e) Support**

The Secretary shall provide resources necessary in the judgment of the Secretary for the Technical Advisory Committee to carry out its responsibilities under this subchapter.

(Pub. L. 109–58, title VIII, §807, Aug. 8, 2005, 119 Stat. 849.)

**§ 16157. Demonstration**

**(a) In general**

In carrying out the programs under this section, the Secretary shall fund a limited number of demonstration projects, consistent with this subchapter and a determination of the maturity, cost-effectiveness, and environmental impacts of technologies supporting each project. In selecting projects under this subsection, the Secretary shall, to the extent practicable and in the public interest, select projects that—

(1) involve using hydrogen and related products at existing facilities or installations, such as existing office buildings, military bases, vehicle fleet centers, transit bus authorities, or units of the National Park System;

(2) depend on reliable power from hydrogen to carry out essential activities;