

SHB 2172 - S COMM AMD
By Senator

ADOPTED 04/09/2003

1 Strike everything after the enacting clause and insert the
2 following:

3 "NEW SECTION. **Sec. 1.** (1) The legislature finds that:

4 (a) As a consumer of energy resources and a committed steward of
5 public health and environmental quality, Washington state government is
6 well-positioned to be a leader in promoting and using clean energy
7 technologies, including fuel cells;

8 (b) The use of batteries and internal combustion engines in state
9 facilities for emergency and back-up power, and to power remote
10 equipment for communications, security lighting, cameras and sensors,
11 signaling, environmental monitoring, and similar applications can
12 adversely impact the environment.

13 (2) The legislature declares that:

14 (a) Fuel cells operating directly on hydrogen emit only water and
15 heat and can be used indoors and outdoors without harming the
16 environment or people;

17 (b) Fuel cells provide reliable and high digital quality direct
18 current power that meets uninterruptible and premium power supply
19 requirements;

20 (c) Commercial fuel cells can be highly efficient when used in a
21 cogeneration application; and

22 (d) On a life-cycle cost basis, small fuel cells can offer a better
23 economic value to the state than batteries and internal combustion
24 engines.

25 NEW SECTION. **Sec. 2.** A new section is added to chapter 43.19 RCW
26 to read as follows:

27 (1) State agencies, when planning for the construction of a state
28 facility, must consider the utilization of fuel cells as a primary

1 source of energy for a facility that requires a source of uninterrupted
2 electric power.

3 (2) When planning the procurement of back-up power systems and
4 remote power sources, state agencies must consider the use of fuel
5 cells as an alternative to purchasing and utilizing batteries or
6 internal combustion engines.

7 (3) The director of the department of general administration shall
8 assist state agencies in identifying, evaluating, and developing
9 potential fuel cell applications at their facilities. The department
10 shall notify state agencies of these potential applications and provide
11 technical and analytical support. The department shall recover costs
12 for this assistance through written agreements, including reimbursement
13 from third parties participating in the projects, for any costs and
14 expenses incurred in providing assistance.

15 (4) State agencies may use financing contracts under chapter 39.94
16 RCW to provide all or part of the funding for the procurement and
17 installation of fuel cells for the purposes of this section. The
18 department of general administration shall determine the eligibility of
19 projects for financing contracts. The repayments of the financing
20 contracts shall be sufficient to pay, when due, the principal and
21 interest on the contracts.

22 (5) For the purposes of this section, (a) "fuel cell" means an
23 electrochemical reaction that generates electric energy by combining
24 atoms of hydrogen and oxygen in the presence of a catalyst; and (b)
25 "state facilities" has the same meaning as provided in RCW 43.19.450.

26 (6) State agencies are also authorized to consider and use other
27 renewable or alternative energy sources to the same extent as provided
28 for fuel cells under subsections (1) through (4) of this section."

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29 On page 1, line 2 of the title, after "facilities;" strike the

1 remainder of the title and insert "adding a new section to chapter
2 43.19 RCW; and creating a new section."

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