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COMMERCE, REGULATION & LABOR

HOUSE FILE 2103
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Passed House, Date _____ Passed Senate, Date _____
Vote: Ayes _____ Nays _____ Vote: Ayes _____ Nays _____
Approved _____

A BILL FOR

1 An Act to require a hydrogen production study and pilot project
2 by the Iowa energy center.
3 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:
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1 Section 1. HYDROGEN PRODUCTION STUDY -- PILOT PROJECT.
2 1. The Iowa energy center at the Iowa state university of
3 science and technology shall conduct a study according to the
4 following:
5 a. Focusing on the feasibility of using a combination of
6 wind, electrolysis, and fuel cells to generate electricity,
7 but also to utilize the heat produced as a by-product of the
8 electric generation.
9 b. Determining capital costs, real costs, and rate payer
10 costs associated with implementation of such an energy source
11 on a larger scale.
12 2. a. The Iowa energy center shall conduct a small-scale
13 pilot project to demonstrate the feasibility of an energy
14 source as described in subsection 1. The Iowa energy center
15 shall set the parameters of the pilot project, including the
16 number of participants, the duration, and other pertinent
17 factors.
18 b. Funding for the pilot project may be composed from any
19 or all of the following sources:
20 (1) Moneys appropriated by the general assembly for the
21 pilot project.
22 (2) Moneys appropriated by the general assembly for the
23 activities of the Iowa energy center.
24 (3) Gift or grant moneys obtained by the Iowa energy
25 center or pilot project participants for the pilot project,
26 including but not limited to federal matching grants such as
27 those available from the United States department of
28 education, the United States environmental protection agency,
29 or the United States department of agriculture.
30 Notwithstanding section 12C.7, subsection 2, interest or
31 earnings on moneys designated for use for the pilot project
32 shall be credited for use by the pilot project.
33 Notwithstanding section 8.33, the funds in the account of the
34 Iowa energy center designated for use for the pilot project
35 shall not revert at the end of any fiscal year.

c. The Iowa energy center shall produce a report for the general assembly, due annually on January 15 until the pilot project has concluded, summarizing the progress and the findings of the pilot project.

EXPLANATION

This bill provides for a pilot project to be established by the Iowa energy center to study and test the feasibility of an energy source that combines the use of wind, electrolysis, and fuel cells to generate electricity, but also to utilize the heat produced as a by-product of the electric generation. The center is directed to prepare an annual report for the general assembly on the progress of the pilot project. Funding for the project may come from internal funds of the Iowa energy center, from the general assembly, or from gift or grant moneys.