

Introduced by

Representatives Monson, Boehning, S. Kelsh

Senators Anderson, Flakoll, Grindberg

1 A BILL for an Act to establish a hydrogen goal; to create and enact a new subsection to section  
2 54-60-03 of the North Dakota Century Code, relating to the duties of the commissioner of  
3 commerce; to provide for a report to the legislative council; and to provide an appropriation.

4 **BE IT ENACTED BY THE LEGISLATIVE ASSEMBLY OF NORTH DAKOTA:**

5 **SECTION 1. Hydrogen goal.** It is the goal of this state to achieve over time increasing  
6 use of hydrogen produced from the state's abundant renewable energy and coal resources as a  
7 fuel and energy carrier throughout the economy.

8 **SECTION 2.** A new subsection to section 54-60-03 of the North Dakota Century Code  
9 is created and enacted as follows:

10 Shall oversee the development and implementation of a hydrogen roadmap that  
11 outlines a strategy for achieving the state's statutory hydrogen goal over time. The  
12 hydrogen roadmap should be compatible with the United States department of  
13 energy's national hydrogen energy roadmap and should be based on an  
14 assessment of the state's opportunities in hydrogen, fuel cells, and related  
15 technologies, so as to capitalize on the state's potential advantages in the  
16 production of hydrogen from renewable wind, biofuels, and biomass and from the  
17 gasification of lignite coal. The roadmap should establish a vision, goals, general  
18 timeline, and measurable milestones for achieving the state's hydrogen goal. The  
19 roadmap should describe how hydrogen, fuel cells, and related technologies may  
20 fit strategically into the state's overall energy system and identify potential financial  
21 incentives, state fleet vehicle and purchasing guidelines, regulatory support,  
22 including uniform codes and standards development, and other measures that may  
23 be taken to expand hydrogen's beneficial contribution to the state's future energy  
24 economy. The roadmap also should identify specific strategic technology

1           deployments required to assist in meeting the state goal and the vision, goals,  
2           timeline, and measurable milestones established in the roadmap. The department  
3           shall involve the energy industry, manufacturers, technology companies, farm  
4           organizations and commodity groups, universities, nonprofit organizations, and  
5           other interested parties in developing the roadmap. If the department determines  
6           that it is more efficient to do so, the department may subcontract to develop the  
7           roadmap, without requiring a cost-share component. The department shall report  
8           to the legislative council concerning a final roadmap by July 1, 2008.

9           **SECTION 3. APPROPRIATION.** There is appropriated out of any moneys in the  
10          general fund in the state treasury, not otherwise appropriated, the sum of \$200,000, or so much  
11          of the sum as may be necessary, to North Dakota state university for the purpose of developing  
12          and deploying, in partnership with industry and the city of Fargo, a commercially promising  
13          hydrogen production system combined with a specific end use or uses, for the biennium  
14          beginning July 1, 2007, and ending June 30, 2009. The appropriation contained in this section  
15          is contingent upon securing the balance of the total project costs from nonstate sources and is  
16          not subject to section 54-44.1-11.