

**GENERAL ASSEMBLY OF NORTH CAROLINA**  
**SESSION 2007**

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**HOUSE BILL 1825**

Short Title: Study Electric Power Issues. (Public)

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Sponsors: Representatives Harrison, Fisher, Thomas, Samuelson (Primary Sponsors);  
Faison, Glazier, and Saunders.

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Referred to: Public Utilities, if favorable, Appropriations.

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April 19, 2007

A BILL TO BE ENTITLED

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2 AN ACT TO REQUIRE THE NORTH CAROLINA UTILITIES COMMISSION TO  
3 COMMISSION A COMPREHENSIVE ASSESSMENT OF THE LEAST-COST  
4 MIX OF GENERATION AND DEMAND FOR ELECTRICITY IN LIGHT OF  
5 PUBLIC HEALTH, ENVIRONMENTAL IMPACTS, AND OTHER IMPACTS OF  
6 THE FULL FUEL CYCLE AND TO APPROPRIATE FUNDS FOR THIS STUDY.

7 The General Assembly of North Carolina enacts:

8 **SECTION 1.** The North Carolina Utilities Commission, with assistance  
9 from the Secretary of Environment and Natural Resources, shall commission a  
10 comprehensive assessment of the least-cost mix of generation and demand for  
11 electricity in light of public health, environmental impacts, and other impacts of the full  
12 fuel cycle. This study shall consider, among any other matters necessary to this  
13 comprehensive assessment:

- 14 (1) Whether utility incentives are optimally aligned to result in the  
15 least-cost mix of generation and demand, or whether incentives should  
16 be increased for investments in consumer-side energy conservation  
17 and efficiency.
- 18 (2) Whether incentives are adequate for decentralized production of  
19 electricity, or whether potential energy producers, such as farmers who  
20 might adopt environmentally superior waste handling technology that  
21 generates electricity, need additional incentives to switch to the new  
22 technology.
- 23 (3) Whether benefits of renewable energy sources, including jobs creation,  
24 improved security from decentralization, renewability of supply, and  
25 reduction of toxic and dangerous wastes and emissions, match or  
26 exceed the costs of renewable energy sources.
- 27 (4) Whether policies and measures in place in other states and countries  
28 that are leading to a mix of generation involving renewable energy

1 sources as well as demand reduction should be implemented in this  
2 State.

3 **SECTION 2.** The North Carolina Utilities Commission, with assistance  
4 from the Secretary of Environment and Natural Resources, shall report its findings,  
5 together with any legislative proposals, to the Legislative Commission on Global  
6 Climate Change and to the Environmental Review Commission no later than December  
7 1, 2007.

8 **SECTION 3.** There is appropriated from the Utilities Commission and  
9 Public Staff Fund to the North Carolina Utilities Commission the sum of ninety-five  
10 thousand dollars (\$95,000) for the 2007-2008 fiscal year for the purpose of funding the  
11 study authorized by this act.

12 **SECTION 4.** This act becomes effective July 1, 2007.