

ADOPTED



CHANGES TITLE

NORTH CAROLINA GENERAL ASSEMBLY
AMENDMENT
House Bill 1766

AMENDMENT NO. 2
(to be filled in by
Principal Clerk)

H1766-AMH-21 [v.6]

Page 1 of 2

Comm. Sub. [NO]
Amends Title [NO]
Fifth Edition

Date 7-9, 2010

Senator Nesbitt

1 moves to amend the bill on page 2, line 22 by deleting the word "AND"; and
2
3 on page 2, line 26 by rewriting that line to read:

4
5 "ENVIRONMENTAL PROTECTION AGENCY; AND 22 CLARIFY THE SCOPE OF
6 RESEARCH FOR THE COASTAL WAVE ENERGY RESEARCH AND PROTOTYPE
7 PROJECT AUTHORIZED IN THE CURRENT OPERATIONS AND CAPITAL
8 IMPROVEMENTS APPROPRIATIONS ACT OF 2010"; and

9
10 on page 17, line 20, by adding the following between lines 20 and 21:

11 "SECTION 2¹.1 Section 9.10.(a) of S.L. 2010-31 reads as rewritten:
12 'SECTION 9.10.(a) The General Assembly finds that strengthening research and
13 development efforts on renewable energy sources is critical to North Carolina's environment
14 and economy, and that recent events resulting from the British Petroleum oil spill amplify the
15 need for North Carolina's innovators and scientists to enhance their efforts to develop
16 sustainable energy sources and technologies that do not threaten the health and well-being of
17 the State's waters, sensitive lands, and residents. In order to provide opportunities for research
18 into tidal, wave, and other ocean-based sources of alternative energy, the University of North
19 Carolina Coastal Studies Institute shall form a consortium with the Colleges of Engineering at
20 North Carolina State University, North Carolina Agricultural and Technical State University,
21 and the University of North Carolina at Charlotte to study the capture of energy from ocean
22 waves. The Coastal Studies Institute shall be designated the lead agency in coordinating these
23 efforts. Funding appropriated by this act shall be used by university scientists to conceptualize,
24 design, construct, operate, and market new and innovative technologies designed to harness and
25 maximize the energy of the ocean in order to provide substantial power generation for the State.
26 Funding may be used to leverage federal or private research funding for this purpose, but may
27 not be used to purchase and utilize technology that has already been developed by others unless
28 that technology is a critical component to North Carolina's research efforts. Wave energy
29 technologies developed and used for this research may be attached to or staged from an existing
30 State-owned structure located in the ocean waters of the State, and data generated by these
31 technologies shall be available at this structure for public education and awareness. It is the
32 intent of the General Assembly that North Carolina become the focal point for marine-based
33 ocean research collaborations involving the nation's public and private universities. This effort



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1 to study wave and physical processes in the oceans and associated water bodies to develop
2 alternative energy resources shall be interdisciplinary and shall consider the health of the ocean
3 so that efforts to extract ecosystem services shall also consider ecosystem functions and health
4 of the ocean including, but not limited to, carbon budget, acidification, mercury, and nutrient
5 issues.'
6

SIGNED


Amendment Sponsor

SIGNED

Committee Chair if Senate Committee Amendment

ADOPTED

47-0

FAILED

TABLED

7-9-10
Janet Smith

ADOPTED