

Amendment to SB 489

1 Amend the title of the bill by replacing it with the following:

2
3 AN ACT authorizing a demonstration project using a Stirling engine system.
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5 Amend the bill by replacing section 1 with the following:
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7 1 Stirling Engine System; Demonstration Project Authorized; State Building.

8 I. The department of administrative services may identify a state building or facility that
9 would be a suitable candidate for a 5-year demonstration project for the installation of a Stirling
10 engine system to provide electricity and/or heating needs for that building or facility.

11 II. The goal of the demonstration project is to ascertain the reliability, commercial viability,
12 and cost effectiveness of supplying electricity and/or heat to a state-owned building using a Stirling
13 engine system, provided that the project shall not increase the energy or heating costs of operating
14 a state building for the period of the demonstration project.

15 III. The commissioner of administrative services, may enter into a contract in accordance
16 with RSA 21-I, including approval by governor and council, not to exceed a 5-year period, for the
17 demonstration project to be undertaken by a willing provider of a Stirling engine system. Any such
18 contract that requires changes to the infrastructure of the state building shall be at the expense of
19 the provider of the Stirling engine system. Any contract negotiated by the state of New Hampshire
20 shall result in reimbursing the provider of the Stirling engine technology for electricity and/or the
21 cost of heat provided at no more than the cost of the electricity and/or heat based on the current
22 market rate, or the rate under any state contract for energy, whichever is lower. At the end of the
23 demonstration project, the department of administrative services may retain any equipment
24 provided it is in the best interest of the efficient operation of the building. If the department does
25 not wish to retain the equipment, the provider shall remove the equipment and restore the building
26 back to its original condition, or better, at no expense to the state, at which time any liability of the
27 state for costs of the project shall terminate.

28 IV. The department of administrative services shall prepare an annual report to the
29 governor, the senate president, the speaker of the house of representatives, and the chairman of the
30 public utilities commission, presenting the results of any demonstration project to be filed on or
31 before July 1 of each year of the project, and a final report filed no later than 6 months after the end
32 of the project. The reports shall include any recommendations related to future use of Stirling

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- 1 engine technology if appropriate.

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AMENDED ANALYSIS

This bill authorizes the department of administrative services to undertake a 5-year demonstration project for the use of a Stirling engine system to provide electricity and/or heat to a state building.