

# STATE OF NEW YORK

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4479

2021-2022 Regular Sessions

## IN SENATE

February 5, 2021

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Introduced by Sen. SANDERS -- read twice and ordered printed, and when printed to be committed to the Committee on Energy and Telecommunications

AN ACT to authorize the New York state energy research and development authority to enter into agreements to establish a New York renewable energy laboratory

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

1 Section 1. Legislative findings. New York state is committed to  
2 expanding and advancing energy efficiency and renewable energy projects  
3 to reduce greenhouse gas emissions, reduce out of state dependency on  
4 fossil fuels, promote public health and create new jobs. The goal of  
5 this act is to make the state of New York a national and global leader  
6 in renewable energy research and development.  
7 § 2. For purposes of this act "NYREL" means the New York renewable  
8 energy laboratory.  
9 § 3. (a) The New York state energy research and development authority  
10 shall undertake to establish, through public and private partnerships,  
11 which shall include New York based colleges and universities, private  
12 businesses, and not-for-profit entities, a NYREL to be headquartered  
13 near JFK International Airport in Jamaica, Queens, New York City. Such  
14 laboratory shall be an independent not-for-profit corporation organized  
15 under the laws of the state of New York. It shall be governed by a board  
16 of directors which shall have seventeen members.  
17 (b) Such board shall include:  
18 (i) one member appointed by the chancellor of the city university of  
19 New York (CUNY);  
20 (ii) one member appointed by the chancellor of the state university of  
21 New York (SUNY);  
22 (iii) four members appointed by the governor; one of whom shall be  
23 appointed by the governor to be the chair;

EXPLANATION--Matter in italics (underscored) is new; matter in brackets [-] is old law to be omitted.

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1 (iv) two members appointed by the temporary president of the senate;  
2 (v) two members appointed by the speaker of the assembly;  
3 (vi) the president of the New York state energy research and develop-  
4 ment authority;  
5 (vii) the president of empire state development;  
6 (viii) the president of the New York power authority;  
7 (ix) the president of the Long Island power authority;  
8 (x) the commissioner of the department of environmental conservation;  
9 (xi) the commissioner of the department of transportation; and  
10 (xii) the chair of the New York public service commission.

11 (c) The New York state energy research and development authority shall  
12 work with collaborating businesses and educational institutions to  
13 ensure that a cooperative working relationship is established between  
14 those institutions and potential participants of such research institute  
15 so that resources are made available and used in a responsible manner to  
16 support the successful development of the proposed research laboratory  
17 and the creation of ongoing linkages between the training, research,  
18 development, demonstration and technology transfer resources of the  
19 region's higher education institutions, and private sector businesses.

20 (d) The mission of NYREL is to develop renewable energy and energy  
21 efficiency technologies and practices, advance related science and engi-  
22 neering, create jobs, promote economic development and manufacturing,  
23 and transfer knowledge and innovations to address the state's energy and  
24 environmental goals. NYREL shall emphasize a comprehensive energy  
25 approach that encompasses the relationship among key systems: fuel  
26 production; transportation; the built environment; and electricity  
27 generation and delivery. Areas of research and development shall include  
28 but not be limited to the following: solar, wind, geothermal, tidal,  
29 energy storage, energy efficiency, hydropower, biofuel, smart grids and  
30 alternative transportation, including electric vehicles. NYREL shall  
31 have an education and training component. NYREL shall include a goal to  
32 recruit minority students, scientists, engineers and MWBEs in its  
33 programs.

34 (e) NYREL shall seek to develop partnerships especially with CUNY and  
35 SUNY campuses in Albany, Buffalo, Syracuse, Rochester, Binghamton,  
36 Hudson Valley, Long Island and the city of New York.

37 § 4. This act shall take effect immediately.