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2	TO THE HOUSE OF REPRESENTATIVES:			
3	The Committee on Energy and Technology to which was referred House			
4	Bill No. 501 entitled "An act relating to electricity storage on the Vermont			
5	grid" respectfully reports that it has considered the same and recommends that			
6	the bill be amended by striking out all after the enacting clause and inserting in			
7	lieu thereof the following:			
8	Sec. 1. ENERGY STORAGE; REPORT			
9	(a) Definitions. As used in this section, "energy storage" means a system			
10	that uses mechanical, chemical, or thermal processes to store energy for			
11	later use.			
12	(b) Report. On or before November 15, 2017, the Commissioner of Public			
13	Service shall submit a report on the issue of deploying energy storage on the			
14	Vermont electric transmission and distribution system.			
15	(1) The Commissioner shall submit the report to the House Committee			
16	on Energy and Technology, and the Senate Committees on Finance and on			
17	Natural Resources and Energy.			
18	(2) During the preparation of the report, tThe Commissioner may shall			
19	provide an opportunity for the public and Vermont electric companies to			
20	submit relevant information-and recommendations to assist the Commissioner			
21	in gathering information in preparation of the report.			
22	(3) The report shall:			

1	(A) summarize existing state, regional, and national actions or		
2	initiatives affecting deployment of energy storage;		
3	(B) identify and summarize federal and state jurisdictional issues		
4	regarding deployment of energy storage;		
5	(C) identify the opportunities for, the benefits of, and the barriers		
6	to deploying energy storage;		
7	(D) evaluate-identify and summarize regulatory options and		
8	structures available to foster energy storage including any potential cost		
9	impacts for ratepayers; and		
10	(E) assess the potential benefits of and methods for fostering the		
11	development of merchant- and market-based cost effective solutions for		
12	energy storage in Vermont, and the potential benefits and cost impacts of		
13	each method for ratepayers.		
14	(4) The report shall provide the Commissioner's findings and		
15	recommendations on each of the issues identified in subdivision (3) of this		
16	subsection. The report shall itemize which recommendations the		
17	Commissioner believes require legislative action and which recommendations		
18	may be implemented under current law, including by rule or order of the		
19	Public Service Board.		
20	Sec. 2. 30 V.S.A. § 8015 is amended to read:		
21	§ 8015. VERMONT CLEAN ENERGY DEVELOPMENT FUND		
22	* * *		

1	(b) Definitions. For purposes of As used in this section, the following		
2	definitions shall apply:		
3	(1) "Clean energy resources" means electric power supply and demand-		
4	side resources, or thermal energy or geothermal resources, that are "combined		
5	heat and power facilities," "cost-effective energy efficiency resources," or		
6	"renewable energy" resources. The term includes energy storage attached to a		
7	renewable energy resource.		
8	* * *		
9	(6) "Energy storage" means a system that uses mechanical,		
10	chemical, or thermal processes to store energy for later use.		
11	* * *		
12	(d) Expenditures authorized.		
13	(1) Projects for funding may include the following:		
14	(A) projects that will sell power in commercial quantities;		
15	(B) among those projects that will sell power in commercial		
16	quantities, funding priority will be given to those projects that commit to sell		
17	power to Vermont utilities on favorable terms;		
18	(C) projects to benefit publicly owned or leased buildings;		
19	(D) renewable energy projects on farms, which may include any or		
20	all costs incurred to upgrade to a three-phase line to serve a system on a farm;		
21	(E) small scale renewable energy in Vermont residences, institutions,		
22	and businesses:		

1	(i) generally; and			
2	(ii) through the Small-scale Renewable Energy Incentive Program;			
3	(F) projects under the agricultural economic development special			
4	account established under 6 V.S.A. § 4710(g) to harvest biomass, convert			
5	biomass to energy, or produce biofuel;			
6	(G) until December 31, 2008 only, super-efficient buildings;			
7	(H) projects to develop and use thermal or geothermal energy,			
8	regardless of whether they also involve the generation of electricity;			
9	(I) emerging energy-efficient technologies;			
10	(J) effective projects that are not likely to be established in the			
11	absence of funding under the program;			
12	(K) natural gas vehicles and associated fueling infrastructure if each			
13	such vehicle is dedicated only to natural gas fuel and, on a life cycle basis, the			
14	vehicle's emissions will be lower than commercially available vehicles using			
15	other fossil fuel, and any such infrastructure will deliver gas without			
16	interruption of flow;			
17	(L) electric vehicles and associated charging stations;			
18	(M) energy storage attached to that supports a renewable energy			
19	<u>resource</u> .			
20	* * *			
21	Sec. 3. EFFECTIVE DATE			
22	This act shall take effect on passage.			

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3	(Committee vote:)	
4		
5		Representative
6		FOR THE COMMITTEE