## SENATE BILL 271

Unofficial Copy C5 HB 869/97 - ENV 1999 Regular Session 9lr1529

By: Senators Pinsky, Conway, Exum, Frosh, Sfikas, and Van Hollen Introduced and read first time: February 4, 1999 Assigned to: Finance

					A BILL ENTITLED				
1	AN ACT co	ncerning							
2	Electricity - Net Energy Metering - Public Schools								
3 4 5	FOR the purpose of adding certain public schools and educational institutions to the classes of electric customer that may use net energy metering in connection with solar electric generation.								
6 7 8 9 10	8 Section 7-306 9 Annotated Code of Maryland								
11 12	SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND, That the Laws of Maryland read as follows:								
13					Article - Public Utility Companies				
14	7-306.								
15	(a)	(1)	In this s	section the	e following words have the meanings indicated.				
16		(2)	"Eligibl	e custom	er-generator" means a customer that:				
17			(i)	is serve	d by an electric company at:				
18				1.	a single-family dwelling which is:				
19 20	tariff; or			[1.]	A. a residence of the customer on a residential service				
21 22	service tarif	ff;		[2.]	B. the principal residence of the customer on a general				
23				2.	A PUBLIC ELEMENTARY OR SECONDARY SCHOOL; OR				

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1 2	and	3.	A PUBLIC INSTITUTION OF POSTSECONDARY EDUCATION;				
3	(ii)	owns an	d operates a solar electrical generating facility that:				
4		1.	has a capacity of not more than 80 kilowatts;				
5		2.	is located on the customer's premises;				
6 7	company's transmission and di	3. stribution	is interconnected and operated in parallel with an electric facilities; and				
8 9	own electricity requirements.	4.	is intended primarily to offset all or part of the customer's				
12	(3) "Net energy metering" means measurement of the difference between the electricity that is supplied by an electric company and the electricity that is generated by an eligible customer-generator and fed back to the electric company over the eligible customer-generator's billing period.						
16 17	(b) The General Assembly finds and declares that a program to provide net energy metering for eligible customer-generators is a means to encourage private investment in renewable energy resources, stimulate in-State economic growth, enhance continued diversification of the State's energy resource mix, and reduce costs of interconnection and administration.						
	(c) An electric company serving an eligible customer-generator shall ensure that the meter installed for net energy metering is capable of measuring the flow of electricity in two directions.						
24 25	(d) The Commission shall require electric utilities to develop a standard contract or tariff for net energy metering and make it available to eligible customer-generators on a first-come, first-served basis until the rated generating capacity owned and operated by eligible customer-generators in the State reaches 34.722 megawatts, 0.2% of the State's adjusted peak-load forecast for 1998.						
	rates, rate structure, and month	nly charg	ering contract or tariff shall be identical, in energy es, to the contract or tariff that the customer e not an eligible customer-generator.				
32	that would raise the eligible cu	ıstomer-g	dergy metering contract or tariff may not include charges generator's minimum monthly charge above hich the eligible customer-generator would				
34 35	` /		prohibited by this paragraph include new or additional omer charges, and minimum monthly charges.				
36 37	(f) The electric complete following:	pany shal	l calculate net energy metering, subject to the				

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1 2	(1) measured in accordance	,	gy produced or consumed on a monthly basis shall be tandard metering practices;				
		(2) if electricity supplied by the grid exceeds electricity generated by the le customer-generator during a month, the eligible customer-generator shall be for the net energy supplied in accordance with subsection (e) of this section; and					
8		d by the g	city generated by the eligible customer-generator exceeds grid, the eligible customer-generator shall be required or that month in accordance with subsection (e) of this				
12	(g) (1) A solar-electric generating system used by an eligible customer-generator shall meet all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronics Engineers, and Underwriters Laboratories.						
	(2) The Commission may adopt by regulation additional control and testing requirements for eligible customer-generators that the Commission determines are necessary to protect public safety and system reliability.						
	(3) An electric company may not require an eligible customer-generator whose solar-electric generating system meets the standards of paragraphs (1) and (2) of this subsection to:						
20		(i)	install additional controls;				
21		(ii)	perform or pay for additional tests; or				
22		(iii)	purchase additional liability insurance.				
23 24	SECTION 2. AN October 1, 1999.	D BE IT	FURTHER ENACTED, That this Act shall take effect				