## **HOUSE BILL 1087**

 $\begin{array}{ccc} {\rm C5} & & {\rm 5lr2077} \\ {\rm HB}\ 1192/14 - {\rm ECM} & {\rm CF}\ {\rm SB}\ 481 \end{array}$ 

By: Delegates Clippinger, B. Barnes, Conaway, Fennell, Frick, Kelly, Kramer, Luedtke, Platt, S. Robinson, Rosenberg, Vaughn, Waldstreicher, A. Washington, M. Washington, and C. Wilson

Introduced and read first time: February 13, 2015

Assigned to: Economic Matters

Committee Report: Favorable with amendments

House action: Adopted

Read second time: March 19, 2015

CHAPTER \_\_\_\_\_

## 1 AN ACT concerning

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## Electricity - Community Solar Energy Generating System Program

FOR the purpose of establishing a pilot program on community solar energy generating systems under the authority of the Public Service Commission; providing for the structure and operation of the program, including the generation of electricity and allocation of costs to subscribers to a community solar energy generating system; authorizing an electric company to submit a petition to own and operate a community solar energy generating system to the Commission; authorizing the Commission to approve a petition if the Commission makes a certain determination; requiring the Commission to approve or deny a petition within a certain period of time; specifying when an electric company may recover the costs associated with developing and owning a community solar energy generating system through base rates; requiring an electric company to sell certain services and attributes associated with the community solar energy generating system; requiring an electric company to use a certain method to refund or credit certain proceeds to ratepayers; requiring the Commission to determine an appropriate method for an electric company to distribute its proceeds to ratepayers; providing for the beginning and termination of the pilot program; requiring the Commission to adopt certain regulations by a certain date; providing for the continuation of certain contracts under certain circumstances; providing for the inclusion of certain generation in a certain limitation; defining certain terms; stating certain findings of the General Assembly; requiring the Public Service Commission to study certain matters and report its

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.

<u>Underlining</u> indicates amendments to bill.

Strike out indicates matter stricken from the bill by amendment or deleted from the law by amendment.



$\frac{1}{2}$	findings to certain committees on or before a certain date; and generally relating to a program for community solar energy generating systems.									
3 4 5 6 7	BY adding to Article – Public Utilities Section 7–306.1 Annotated Code of Maryland (2010 Replacement Volume and 2014 Supplement)									
8	SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND, That the Laws of Maryland read as follows:									
10	Article - Public Utilities									
11	7–306.1.									
12 13	(A) (1) IN THIS SECTION THE FOLLOWING WORDS HAVE THE MEANINGS INDICATED.									
14	(2) "BASELINE ANNUAL USAGE" MEANS:									
15 16 17	(I) A SUBSCRIBER'S ACCUMULATED ELECTRICITY USE IN KILOWATT-HOURS FOR THE 12 MONTHS BEFORE THE SUBSCRIBER'S MOST RECENT SUBSCRIPTION; OR									
18 19 20 21 22	(II) FOR A SUBSCRIBER THAT DOES NOT HAVE A RECORD OF 12 MONTHS OF ELECTRICITY USE AT THE TIME OF THE SUBSCRIBER'S MOST RECENT SUBSCRIPTION, AN ESTIMATE OF THE SUBSCRIBER'S ACCUMULATED 12 MONTHS OF ELECTRICITY USE IN KILOWATT-HOURS, DETERMINED IN A MANNER THE COMMISSION APPROVES.									
23 24	(3) "COMMUNITY SOLAR ENERGY GENERATING SYSTEM" MEANS A SOLAR ENERGY SYSTEM THAT:									
25 26	(I) IS CONNECTED TO THE ELECTRIC DISTRIBUTION GRID SERVING THE STATE;									
27 28	(II) IS LOCATED IN THE SAME ELECTRIC SERVICE TERRITORY AS ITS SUBSCRIBERS;									
29 30	(III) IS ATTACHED TO THE ELECTRIC METER OF A SUBSCRIBER OR IS A SEPARATE FACILITY WITH ITS OWN ELECTRIC METER;									

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1 2 3	(IV) CREDITS ITS GENERATED ELECTRICITY, OR THE VALUE OF ITS GENERATED ELECTRICITY, TO THE BILLS OF THE SUBSCRIBERS TO THAT SYSTEM THROUGH VIRTUAL NET ENERGY METERING;
4	(V) HAS AT LEAST TWO SUBSCRIBERS;
5 6 7	(VI) DOES NOT HAVE SUBSCRIPTIONS LARGER THAN 200 KILOWATT-HOURS KILOWATTS CONSTITUTING MORE THAN 60% OF ITS SUBSCRIPTIONS;
8 9 10	(VII) HAS A GENERATING CAPACITY THAT DOES NOT EXCEED 2 MEGAWATTS AS MEASURED BY THE ALTERNATING CURRENT RATING OF THE SYSTEM'S INVERTER; AND
11 12	(VIII) MAY BE OWNED BY ANY PERSON <del>, INCLUDING A SUBSCRIBER</del> ORGANIZATION, AN ELECTRIC COMPANY, OR AN ELECTRICITY SUPPLIER.
13 14	(4) "PROGRAM" MEANS THE COMMUNITY SOLAR ENERGY GENERATING SYSTEMS PILOT PROGRAM.
15 16	(5) "SUBSCRIBER" MEANS A RETAIL CUSTOMER OF AN ELECTRIC COMPANY THAT:
17 18	(I) HOLDS A SUBSCRIPTION TO A COMMUNITY SOLAR ENERGY GENERATING SYSTEM; AND
19 20	(II) HAS IDENTIFIED ONE OR MORE INDIVIDUAL METERS OR ACCOUNTS TO WHICH THE SUBSCRIPTION SHALL BE ATTRIBUTED.
21	(6) "SUBSCRIBER ORGANIZATION" MEANS:
22 23	(I) A PERSON THAT OWNS OR OPERATES A COMMUNITY SOLAR ENERGY GENERATING SYSTEM; OR
24	(II) THE COLLECTIVE GROUP OF SUBSCRIBERS OF A

26 (7) "SUBSCRIPTION" MEANS THE PORTION OF THE ELECTRICITY
27 GENERATED BY A COMMUNITY SOLAR ENERGY GENERATING SYSTEM THAT IS
28 CREDITED TO A SUBSCRIBER.

COMMUNITY SOLAR ENERGY GENERATING SYSTEM.

- 29 (8) "Unsubscribed energy" means any community solar 30 energy generating system output in kilowatt-hours that is not
- 31 ALLOCATED TO ANY SUBSCRIBER.

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- 1 (9) "VIRTUAL NET ENERGY METERING" MEANS MEASUREMENT OF
- 2 THE DIFFERENCE BETWEEN THE KILOWATT-HOURS OR VALUE OF ELECTRICITY
- 3 THAT IS SUPPLIED BY AN ELECTRIC COMPANY AND THE <u>KILOWATT-HOURS OR</u>
- 4 VALUE OF ELECTRICITY ATTRIBUTABLE TO A SUBSCRIPTION TO A COMMUNITY
- 5 SOLAR ENERGY GENERATING SYSTEM AND FED BACK TO THE ELECTRIC GRID OVER
- 6 THE SUBSCRIBER'S BILLING PERIOD, AS CALCULATED UNDER THE TARIFFS
- 7 ESTABLISHED UNDER SUBSECTION (E)(2) OF THIS SECTION.
- 8 (B) THE GENERAL ASSEMBLY FINDS THAT:
- 9 (1) COMMUNITY SOLAR ENERGY GENERATING SYSTEMS:
- 10 (I) PROVIDE RESIDENTS AND BUSINESSES, INCLUDING THOSE
- 11 THAT LEASE PROPERTY, INCREASED ACCESS TO LOCAL SOLAR ELECTRICITY WHILE
- 12 ENCOURAGING PRIVATE INVESTMENT IN SOLAR RESOURCES;
- 13 (II) STIMULATE IN-STATE ECONOMIC GROWTH AND
- 14 ENTREPRENEURIAL INNOVATION;
- 15 (HH) ENHANCE CONTINUED DIVERSIFICATION OF THE STATE'S
- 16 ENERGY RESOURCE MIX TO ACHIEVE THE STATE'S RENEWABLE ENERGY PORTFOLIO
- 17 STANDARD AND GREENHOUSE GAS EMISSIONS REDUCTION ACT GOALS; AND
- 18 (IV) (III) PROVIDE ELECTRIC COMPANIES AND RATEPAYERS
- 19 THE OPPORTUNITY TO REALIZE THE MANY BENEFITS ASSOCIATED WITH
- 20 **DISTRIBUTED ENERGY; AND**
- 21 (2) IT IS IN THE PUBLIC INTEREST THAT THE STATE ENABLE THE
- 22 DEVELOPMENT AND DEPLOYMENT OF ENERGY GENERATION FROM COMMUNITY
- 23 SOLAR ENERGY GENERATING SYSTEMS IN ORDER TO:
- 24 (I) ALLOW RENTERS AND LOW-INCOME AND
- 25 MODERATE-INCOME RETAIL ELECTRIC CUSTOMERS TO OWN AN INTEREST IN A
- 26 COMMUNITY SOLAR ENERGY GENERATING SYSTEM;
- 27 (II) FACILITATE MARKET ENTRY FOR ALL POTENTIAL
- 28 SUBSCRIBERS WHILE GIVING PRIORITY TO SUBSCRIBERS WHO ARE THE MOST
- 29 SENSITIVE TO MARKET BARRIERS; AND
- 30 (III) ENCOURAGE DEVELOPERS TO PROMOTE PARTICIPATION BY
- 31 RENTERS AND LOW-INCOME AND MODERATE-INCOME RETAIL ELECTRIC
- 32 CUSTOMERS.

1 2 3	(C) A COMMUNITY SOLAR ENERGY GENERATING SYSTEM, INCLUDING A SUBSCRIBER OR SUBSCRIBER ORGANIZATION ASSOCIATED WITH THE COMMUNITY SOLAR ENERGY GENERATING SYSTEM, IS NOT:
4	(1) AN ELECTRIC COMPANY;
5	(2) AN ELECTRICITY SUPPLIER; OR
6	(3) A GENERATING STATION.
7 8	(D) (1) (I) THE COMMISSION SHALL ESTABLISH A PILOT PROGRAM FOR A COMMUNITY SOLAR ENERGY GENERATING SYSTEM PROGRAM.
9	(II) THE STRUCTURE OF THE PROGRAM THE PILOT PROGRAM IS AS PROVIDED IN THIS SUBSECTION.
$\frac{1}{2}$	(2) ALL RATE CLASSES MAY PARTICIPATE IN THE PROGRAM THE PILOT PROGRAM.
13 14 15	(3) SUBSCRIBERS SERVED BY ELECTRIC STANDARD OFFER SERVICE AND ELECTRICITY SUPPLIERS MAY HOLD SUBSCRIPTIONS TO THE SAME COMMUNITY SOLAR ENERGY GENERATING SYSTEM.
6	(4) A SUBSCRIBER ORGANIZATION SHALL:
17 18	(I) DETERMINE HOW TO ALLOCATE SUBSCRIPTIONS TO SUBSCRIBERS; AND
19 20	(II) CALCULATE THE NUMBER OF CREDITS THAT AN ELECTRIC COMPANY WILL PROVIDE TO A SUBSCRIBER FOR EACH BILLING CYCLE; AND
21 22 23	(HI) NOTIFY AN ELECTRIC COMPANY AND, IF APPLICABLE, A RELEVANT ELECTRICITY SUPPLIER ABOUT THE REGULATIONS THE COMMISSION ADOPTS UNDER SUBSECTION $(F)$ $(E)$ OF THIS SECTION.
24 25 26	(5) AN ELECTRIC COMPANY SHALL USE THE TARIFF STRUCTURE UNDER SUBSECTION $\frac{(F)(2)}{(E)(2)}$ OF THIS SECTION TO PROVIDE EACH SUBSCRIBER WITH THE CREDITS CALCULATED BY A SUBSCRIBER ORGANIZATION.
27 28	(6) A SUBSCRIBER MAY NOT RECEIVE CREDIT FOR VIRTUAL NET EXCESS GENERATION THAT EXCEEDS $\frac{120\%}{200\%}$ OF THE SUBSCRIBER'S BASELINE

28 29

ANNUAL USAGE.

- 1 (7) ANY UNSUBSCRIBED ENERGY GENERATED BY A COMMUNITY 2 SOLAR ENERGY GENERATING SYSTEM THAT IS NOT OWNED BY AN ELECTRIC
- 3 COMPANY SHALL BE PURCHASED UNDER THE ELECTRIC COMPANY'S PROCESS FOR
- 4 PURCHASING THE OUTPUT FROM QUALIFYING FACILITIES AT THE AMOUNT IT
- 5 WOULD HAVE COST THE ELECTRIC COMPANY TO PROCURE THE ENERGY.
- 6 **(8)** ALL COSTS ASSOCIATED WITH SMALL **GENERATOR** COMAR 20.50.09 7 INTERCONNECTION STANDARDS UNDER ARE THE RESPONSIBILITY OF THE SUBSCRIBER ORGANIZATION. 8
- 9 **(9)** A SUBSCRIBER ORGANIZATION MAY PETITION AN ELECTRIC 10 COMPANY TO COORDINATE THE INTERCONNECTION AND COMMENCEMENT OF
- 11 OPERATIONS OF A COMMUNITY SOLAR ENERGY GENERATING SYSTEM AFTER THE
- 12 COMMISSION ADOPTS REGULATIONS REQUIRED UNDER SUBSECTION (F) (E) OF THIS
- 13 SECTION.
- 14 (10) A SUBSCRIBER ORGANIZATION MAY CONTRACT WITH A THIRD
- 15 PARTY FOR THE THIRD PARTY TO FINANCE, BUILD, OWN, OR OPERATE A COMMUNITY
- 16 SOLAR ENERGY GENERATING SYSTEM.
- 17 (11) A MUNICIPAL UTILITY OR COOPERATIVE UTILITY MAY 18 PARTICIPATE IN THE PROGRAM THE PILOT PROGRAM.
- 19 (12) EQUIPMENT FOR A COMMUNITY SOLAR ENERGY GENERATING
- 20 SYSTEM MAY NOT BE BUILT ON CONTIGUOUS PARCELS OF LAND UNLESS THE
- 21 EQUIPMENT IS INSTALLED ONLY ON BUILDING ROOFTOPS.
- 22 (13) THE PILOT PROGRAM SHALL:
- 23 (I) BEGIN ON THE EARLIER OF:
- 1. THE DATE OF SUBMISSION OF THE FIRST PETITION OF
- 25 A SUBSCRIBER ORGANIZATION UNDER SUBSECTION (D)(9) OF THIS SECTION AFTER
- 26 THE COMMISSION ADOPTS THE REGULATIONS REQUIRED UNDER SUBSECTION (E)
- 27 OF THIS SECTION; OR
- 28 2. 6 MONTHS AFTER THE COMMISSION ADOPTS THOSE
- 29 REGULATIONS; AND
- 30 (II) END 3 YEARS AFTER THE BEGINNING DATE.
- 31 (E) (1) (I) NOTWITHSTANDING ANY OTHER PROVISION OF THIS TITLE.
- 32 AN ELECTRIC COMPANY MAY SUBMIT A PETITION TO OWN AND OPERATE A
- 33 COMMUNITY SOLAR ENERGY GENERATING SYSTEM TO THE COMMISSION.

1	<del>(II)</del>	THE	<b>COMMISSION MAY APPROVE A PETITION SUBMITTED</b>
2	UNDER SUBPARAGRAP	<del>H (I) (</del>	OF THIS PARAGRAPH IF THE COMMISSION DETERMINES
3		` '	R ENERGY GENERATING SYSTEM WILL:
J		~ C	
4		<del>1.</del>	RESULT IN JUST AND REASONABLE RATES WHEN
5	INCLUDED IN THE ELEC	<del>- I KIC</del>	COMPANY'S BASE RATE; AND
C		2	DDOVIDE DENEELEG TO DATEDANEDG TUDOUGU.
6		<del>4,</del>	PROVIDE BENEFITS TO RATEPAYERS THROUGH:
7		٨	AVOIDED MDANGMICCION AND DIGMDIDIMION LINE
1		<b>A.</b>	AVOIDED TRANSMISSION AND DISTRIBUTION LINE
8	<del>LOSSES;</del>		
		-	
9		₽.	TRANSMISSION AND DISTRIBUTION UPGRADE
10	<del>DEFERRALS;</del>		
11		<del>C.</del>	AVOIDED INTERCONNECTION COSTS;
12		<del>D.</del>	ANCILLARY SERVICES AND VOLT-AMPERE REACTIVE
13	(VAR) SUPPORT;		
14		<del>E.</del>	REDUCED LAND COSTS;
			,
15		<del>F.</del>	DEMAND CHARGE MANAGEMENT;
		_ •	,
16		<del>G.</del>	ELECTRIC SERVICE RELIABILITY; OR
10		<b>G.</b>	DEDCTIVE SERVICE WEEKENEIT, ON
17		₩.	ANY OTHER ADDITIONAL FACTORS THE COMMISSION
18	CONSIDERS APPROPRI		
10	CONSIDERS III I ROT III	XIII;	
19	4111)	Тиг	COMMISSION SHALL APPROVE OR DENY A PETITION
	` '		
20	WITHIN 120 DAYS AFTE	<del>/K 1111</del>	E ELECTRIC COMPANY FILES THE PETITION.
01	(0) AN T		DIG COMPANY MAY DECOVED WILDOUGH DAGE DAWEG
21	` '		RIC COMPANY MAY RECOVER THROUGH BASE RATES
22			FH BUILDING AND MAINTAINING A COMMUNITY SOLAR
23	ENERGY GENERATING	SYSTE	M THAT IS ACTIVELY USED AND IN SERVICE.
24	(3) Not	WITHS	STANDING ANY OTHER PROVISION OF THIS TITLE, AN
25	ELECTRIC COMPANY SI	HALL	<del>SELL:</del>
26	<del>(I)</del>	UNS	UBSCRIBED ENERGY, CAPACITY, AND ANCILLARY
27	SERVICES PRODUCED	BY TH	IE ELECTRIC COMPANY'S COMMUNITY SOLAR ENERGY
28	GENERATING SYSTEM	<del>OWN</del>	ED BY THE ELECTRIC COMPANY TO THE MARKETS
29	OPERATED BY PJM IN	TERC	ONNECTION, LLC; AND

1	(II) ENVIRONMENTAL ATTRIBUTES ASSOCIATED WITH THE
2	ELECTRICITY GENERATED BY THE ELECTRIC COMPANY'S COMMUNITY SOLAR
3	ENERGY GENERATING SYSTEM TO ANY PERSON.

- 4 (4) (1) AN ELECTRIC COMPANY SHALL USE A METHOD
  5 DETERMINED BY THE COMMISSION TO REFUND OR CREDIT TO RATEPAYERS THE
- 6 PROCEEDS FROM:
- 7 THE SALES REQUIRED UNDER PARAGRAPH (3) OF 8 THIS SUBSECTION: AND
- 9 **2.** THE SALE OF ANY SUBSCRIPTIONS TO THE ELECTRIC 10 COMPANY'S COMMUNITY SOLAR ENERGY GENERATING SYSTEM.
- 11 (II) THE COMMISSION SHALL DETERMINE AN APPROPRIATE
  12 METHOD FOR AN ELECTRIC COMPANY TO DISTRIBUTE ITS PROCEEDS TO
  13 RATEPAYERS.
- 14 (F) (E) ON OR BEFORE JANUARY APRIL 1, 2016, THE COMMISSION SHALL
  15 ADOPT REGULATIONS TO IMPLEMENT THIS SECTION, INCLUDING REGULATIONS
  16 FOR:
- 17 (1) CONSUMER PROTECTION;
- 18 (2) A TARIFF STRUCTURE FOR AN ELECTRIC COMPANY TO PROVIDE A
  19 SUBSCRIBER WITH THE CREDITS CALCULATED BY A SUBSCRIBER ORGANIZATION
  20 THAT IS CONSISTENT WITH THE TARIFF STRUCTURE USED FOR NET ENERGY
  21 METERING UNDER § 7–306 OF THIS SUBTITLE KILOWATT-HOURS OR VALUE OF THE
  22 SUBSCRIBER'S SUBSCRIPTION, AS THE COMMISSION DETERMINES;
- 23 (3) A CALCULATION FOR VIRTUAL NET ENERGY METERING THAT IS
  24 CONSISTENT WITH THE CALCULATION USED FOR NET ENERGY METERING UNDER §
  25 7-306 OF THIS SUBTITLE AS THE COMMISSION DETERMINES;
- 26 (4) A PROTOCOL FOR ELECTRIC COMPANIES, ELECTRICITY SUPPLIERS, AND SUBSCRIBER ORGANIZATIONS TO COMMUNICATE THE INFORMATION NECESSARY TO CALCULATE AND PROVIDE THE MONTHLY ELECTRIC BILL CREDITS AND YEARLY NET EXCESS GENERATION PAYMENTS REQUIRED BY THIS SECTION; AND
- 31 (5) A PROTOCOL FOR A SUBSCRIBER ORGANIZATION TO COORDINATE 32 WITH AN ELECTRIC COMPANY FOR THE INTERCONNECTION AND COMMENCEMENT 33 OF OPERATIONS OF A COMMUNITY SOLAR ENERGY GENERATING SYSTEM.

- 1 (F) (1) SUBJECT TO REGULATIONS OR ORDERS OF THE COMMISSION, A
  2 CONTRACT RELATING TO A COMMUNITY SOLAR ENERGY GENERATING SYSTEM OR
  3 SUBSCRIBER ORGANIZATION THAT IS ENTERED INTO DURING THE PILOT PROGRAM
  4 SHALL REMAIN IN EFFECT ACCORDING TO THE TERMS OF THE CONTRACT,
  5 INCLUDING AFTER THE TERMINATION OF THE PILOT PROGRAM.
- 6 (2) AFTER TERMINATION OF THE PILOT PROGRAM, IN ACCORDANCE
  7 WITH THE OPERATIONAL AND BILLING REQUIREMENTS IN SUBSECTION (D) OF THIS
  8 SECTION:
- 9 (I) A SUBSCRIBER ORGANIZATION MAY CONTINUE THE
  10 OPERATION OF A COMMUNITY SOLAR ENERGY GENERATING SYSTEM THAT BEGAN
  11 OPERATION DURING THE PILOT PROGRAM, INCLUDING THE CREATION AND
  12 TRADING OF SUBSCRIPTIONS; AND
- 13 (II) IN ACCORDANCE WITH THE TARIFFS ESTABLISHED UNDER
  14 SUBSECTION (E)(2) OF THIS SECTION, AN ELECTRIC COMPANY SHALL CONTINUE TO
  15 FACILITATE THE OPERATION OF A COMMUNITY SOLAR ENERGY GENERATING
  16 SYSTEM THAT BEGAN OPERATION DURING THE PILOT PROGRAM.
- 17 (G) THE CUMULATIVE INSTALLED NAMEPLATE CAPACITY UNDER THE PILOT
  18 PROGRAM SHALL COUNT TOWARD THE OVERALL LIMITATION OF 1,500 MEGAWATTS
  19 FOR ALL NET METERING PROJECTS IN § 7–306(D) OF THIS SUBTITLE.

## 20 SECTION 2. AND BE IT FURTHER ENACTED, That:

- 21 (a) The Public Service Commission, in consultation with the Maryland Energy
  22 Administration, shall convene a stakeholder workgroup to study the value and costs of the
  23 pilot program established under § 7–306.1 of the Public Utilities Article, as enacted by
  24 Section 1 of this Act and make recommendations to the Commission on the advisability of
  25 establishing a permanent program.
- 26 (b) In conducting the study, the workgroup shall identify and examine:
- 27 (1) <u>a framework for valuation of the costs and benefits related to community solar and virtual net energy metering;</u>
- 29 (2) the costs and benefits of community solar energy generating systems to 30 participating subscribers and to nonsubscriber ratepayers;
- 31 (3) an appropriate credit mechanism and operational structure that allows 32 a community renewable solar energy generating system to minimize administrative costs 33 to an electric company, electric supplier, or subscriber organization;

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1 the benefits to and the technical and cost impacts of community solar **(4)** 2programs and virtual net energy metering on an electric company's distribution grid; 3 issues, benefits, and concerns related to the participation of electric companies, including investor—owned utilities, in community solar programs and projects, 4 5 including owners and operators of the projects: 6 whether and how community solar projects or virtual net energy (6) 7 metering have a substantially different technical impact on the distribution system than 8 traditional net energy metering; 9 <u>(7)</u> identification of any impacts on the standard offer service procurement 10 process; 11 <u>(8)</u> a review of community solar programs and cost-benefit studies in other 12 states; 13 (9)whether and how community solar programs can help reduce the cost 14 of compliance with the renewable energy portfolio standard; 15 how community solar energy generating systems can impact locational (10)marginal prices in Maryland; 16 17 the impacts of the pilot program on energy costs, reliability, and 18 equitable cost allocation for ratepayers; 19 how community solar project developers can increase participation by 20 low- and moderate-income retail electric customers in community solar projects; 21(13) the progress of the community solar energy generating pilot program 22under § 7–306.1 of the Public Utilities Article, as enacted by Section 1 of this Act, in 23attracting low- and moderate-income retail electric customers; 24whether community solar energy generating systems are an overall net (14)benefit in helping Maryland achieve its distributed generation and renewable goals; 2526 (15)any other matters the workgroup considers relevant; and 27 any additional factors the Public Service Commission considers <u>(16)</u> 28appropriate. On or before July 1, 2019, the Public Service Commission shall report its 2930 findings and recommendations, based on the study conducted under this section, to the

Senate Finance Committee and the House Economic Matters Committee in accordance

with § 2–1246 of the State Government Article.

		Sr	Speaker of the House of Delegates.									
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President of the Senate.