5553

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IN ASSEMBLY

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Introduced by M. of A. ENGLEBRIGHT, BENEDETTO, SWEENEY, REILLY, DESTITO, JACOBS, MAISEL, J. RIVERA, MARKEY, GALEF, MILLMAN, CAHILL, GUNTHER, LUPARDO, MAGNARELLI, SCHIMMINGER, HOOPER, O'DONNELL, ROSENTHAL, BROOK-KRASNY, SPANO, TITONE, JAFFEE, KAVANAGH -- Multi-Sponsored by --M. of A. BING, BOYLAND, BRENNAN, CALHOUN, COLTON, CONTE, COOK, GIGLIO, GOTTFRIED, JEFFRIES, KOLB, LATIMER, P. LOPEZ, MAGEE, MAYERSOHN, MCENE-NY, PAULIN, PHEFFER, WEISENBERG -- read once and referred to the Committee on Energy

AN ACT to amend the public service law and the public authorities law, in relation to net energy metering for solar, wind, fuel cell and farm waste electric generating systems; and to repeal section 66-1 of the public service law relating to net energy metering for residential and/or farm service wind electric generating systems

THE PEOPLE OF THE STATE OF NEW YORK, REPRESENTED IN SENATE AND ASSEMBLY, DO ENACT AS FOLLOWS:

Section 1. The section heading and subdivisions 1, 2, 3, 4 and 5 1 of section 66-j of the public service law, as amended by chapter 355 of the 2 3 laws of 2009, paragraph (d) of subdivision 1 and subparagraphs (i) and 4 (iii) of paragraph (c) of subdivision 3 as amended by chapter 7 of the 5 laws of 2010, and the opening paragraph of paragraph (e) of subdivision 6 1 as amended by chapter 336 of the laws of 2010, are amended to read as 7 follows:

8 Net energy metering for [residential] solar, WIND, FUEL CELL OR farm 9 waste[, non-residential solar] electric generating systems, OR micro-10 combined heat and power generating equipment[, or fuel cell electric 11 generating equipment]. 1. Definitions. As used in this section, the 12 following terms shall have the following meanings:

(a) "Customer-generator" means: (i) [a residential] ANY customer of an
electric corporation, who owns or operates solar, WIND OR FUEL CELL
electric generating equipment, OR ANY HYBRID EQUIPMENT COMPOSED OF THESE
THREE TECHNOLOGIES located and used at his or her [residence] PREMISES;

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

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(ii) a customer of an electric corporation, who owns or operates farm 1 waste electric generating equipment located and used at his or her "farm 2 3 operation," as such term is defined in subdivision eleven of section 4 three hundred one of the agriculture and markets law; AND (iii) [a non-5 residential customer of an electric corporation which owns or operates б solar electric generating equipment located and used at its premises; 7 (iv)] a residential customer of an electric corporation who owns, leases 8 or operates micro-combined heat and power generating equipment located 9 on the customer's premises[; and (v) a residential customer of an elec-10 tric corporation who owns, leases or operates fuel cell generating 11 equipment located on the customer's premises].

(b) "Net energy meter" means a meter that measures the reverse flow of electricity to register the difference between the electricity supplied by an electric corporation to the customer-generator and the electricity provided to the corporation by that customer-generator.

16 (c) "Net energy metering" means the use of a net energy meter to meas-17 ure, during the billing period applicable to a customer-generator, the 18 net amount of electricity supplied by an electric corporation and 19 provided to the corporation by a customer-generator.

20 (d) "Solar electric generating equipment" means a photovoltaic system 21 (i) [(A) in the case of a residential customer, with a rated capacity of 22 not more than twenty-five kilowatts; and (B) in the case of a non-resi-23 dential customer,] with a rated capacity of not more than two thousand 24 kilowatts; and (ii) that is manufactured, installed, and operated in 25 accordance with applicable government and industry standards, is that 26 connected to the electric system and operated in [conjunction] PARALLEL 27 with an electric corporation's transmission and distribution facilities, 28 and that is operated in compliance with any standards and requirements 29 established under this section.

30 (e) "Farm waste electric generating equipment" means equipment that 31 generates electric energy from biogas produced by the anaerobic 32 digestion of agricultural waste, such as livestock manure, farming 33 wastes and food processing wastes with a rated capacity of not more than 34 [one] TWO thousand kilowatts, that is:

35 (i) manufactured, installed, and operated in accordance with applica-36 ble government and industry standards;

37 (ii) connected to the electric system and operated in conjunction with 38 an electric corporation's transmission and distribution facilities;

39 (iii) operated in compliance with any standards and requirements 40 established under this section;

41 (iv) fueled at a minimum of ninety percent on an annual basis by 42 biogas produced from the anaerobic digestion of agricultural waste such 43 as livestock manure materials, crop residues, and food processing waste; 44 and

45 (v) fueled by biogas generated by anaerobic digestion with at least 46 fifty percent by weight of its feedstock being livestock manure materi-47 als on an annual basis.

48 (f) "Micro-combined heat and power generating equipment" means an integrated, cogenerating building heating and electrical power gener-ation system, operating on any fuel and of any applicable engine, fuel 49 50 51 cell, or other technology, with a rated capacity of at least one kilowatt and not more than ten kilowatts electric and any thermal output 52 full load has a design total fuel use efficiency in the 53 that at 54 production of heat and electricity of not less than eighty percent, and 55 annually produces at least two thousand kilowatt hours of useful energy 56 in the form of electricity that may work in combination with supple1 mental or parallel conventional heating systems, that is manufactured, 2 installed and operated in accordance with applicable government and 3 industry standards, that is connected to the electric system and oper-4 ated in conjunction with an electric corporation's transmission and 5 distribution facilities.

6 (g) "Fuel cell electric generating equipment" means a solid oxide, 7 molten carbonate, proton exchange membrane or phosphoric acid fuel cell 8 with a combined rated capacity of not more than [ten] TWO THOUSAND kilowatts that is manufactured, installed and operated in accordance with 9 10 applicable government and industry standards, that is connected to the 11 electric system and operated in parallel with an electric corporation's 12 transmission and distribution facilities, and that is operated in 13 compliance with any standards and requirements established under this 14 section.

15 (H) "WIND ELECTRIC GENERATING EQUIPMENT" MEANS A WIND GENERATOR OR GENERATORS WITH A COMBINED RATED CAPACITY OF NOT MORE THAN TWO 16 THOUSAND 17 IS MANUFACTURED, INSTALLED AND OPERATED IN ACCORDANCE KILOWATTS THAT WITH APPLICABLE GOVERNMENT AND INDUSTRY STANDARDS, THAT IS CONNECTED 18 ΤO 19 THE ELECTRIC SYSTEM AND OPERATED IN PARALLEL WITH AN ELECTRIC CORPO-RATION'S TRANSMISSION AND DISTRIBUTION FACILITIES, AND THAT IS OPERATED 20 21 IN COMPLIANCE WITH ANY STANDARDS AND REQUIREMENTS ESTABLISHED UNDER THIS 22 SECTION.

23 (I) "ELECTRIC CORPORATION" MEANS ANY PUBLIC OR PRIVATELY OWNED ENTITY 24 THAT OFFERS RETAIL ELECTRICAL SERVICE TO END-USE ELECTRIC CONSUMERS.

25 (J) "ELIGIBLE TECHNOLOGIES" MEANS THE SOLAR, WIND, FUEL CELL OR FARM 26 WASTE ELECTRIC GENERATING EQUIPMENT.

2. Interconnection and net energy metering. An electric corporation shall provide for the interconnection of [solar and farm waste electric 27 28 29 generating equipment] ELIGIBLE TECHNOLOGIES, AND micro-combined heat and power generating equipment [and fuel cell electric generating equipment] 30 owned or operated by a customer-generator and for net energy metering, 31 32 provided that the customer-generator enters into a net energy metering 33 contract with the corporation or complies with the corporation's net energy metering schedule and complies with standards and requirements 34 35 established under this section.

Conditions of service. (a) [(i)] On or before three months after 36 3. 37 the effective date of this section, each electric corporation shall 38 develop a model contract and file a schedule that establishes consistent 39 and reasonable rates, terms and conditions for net energy metering to 40 customer-generators, according to the requirements of this section. The commission shall render a decision within three months from the date on 41 which the schedule is filed. 42

[(ii) On or before three months after the effective date of this subparagraph, each electric corporation shall develop a model contract and file a schedule that establishes consistent and reasonable rates, terms and conditions for net energy metering to non-residential customer generators, according to the requirements of this section. The commission shall render a decision within three months of the date on which the schedule is filed.

50 (iii) Each electric corporation shall make such contract and schedule 51 available to customer-generators on a first come, first served basis, 52 until the total rated generating capacity for solar and farm waste elec-53 tric generating equipment, micro-combined heat and power generating 54 equipment and fuel cell electric generating equipment owned, leased or 55 operated by customer-generators in the corporation's service area is 1 equivalent to one percent of the corporation's electric demand for the 2 year two thousand five, as determined by the department.]

3 (b) [Nothing in this subdivision shall prohibit a corporation from 4 providing net energy metering to additional customer-generators. The 5 commission shall have the authority, after January first, two thousand 6 twelve, to increase the percent limits if it determines that additional 7 net energy metering is in the public interest.

8 (c) In the event that the electric corporation determines that it is 9 necessary to install a dedicated transformer or transformers, or other 10 equipment to protect the safety and adequacy of electric service 11 provided to other customers, a customer-generator shall pay the electric 12 corporation's actual costs of installing the transformer or transfor-13 mers, or other equipment:

14 In the case of a customer-generator who owns or operates solar (i) 15 electric generating equipment, micro-combined heat and power generating 16 equipment or fuel cell electric generating equipment located and used at 17 his or her residence, or a non-residential customer-generator who owns 18 or operates solar electric generating equipment with a rated capacity of 19 not more than twenty-five kilowatts, up to a maximum amount of three 20 hundred fifty dollars;

(ii) In the case of a customer-generator who owns or operates farm waste electric generating equipment located and used at his or her "farm operation," up to a total amount of five thousand dollars per "farm operation"; and

25 (iii) In the case of a non-residential customer-generator who owns or 26 operates solar electric generating equipment with a rated capacity of 27 more than twenty-five kilowatts located and used at its premises, such 28 cost shall be as determined by the electric corporation subject to 29 review, upon the request of such customer-generator, by the department.

30 (d)] An electric corporation shall impose no other charge or fee, 31 including, BUT NOT LIMITED TO, back-up, stand by and demand charges, for 32 the provision of net energy metering to a customer-generator, except as 33 provided in paragraph (d) of subdivision four of this section.

4. Rates. An electric corporation shall use net energy metering to measure and charge for the net electricity supplied by the corporation and provided to the corporation by a customer-generator, according to these requirements:

(a) In the event that the amount of electricity supplied by the corporation during the billing period exceeds the amount of electricity provided by a customer-generator, the corporation shall charge the customer-generator for the net electricity supplied at the same rate per kilowatt hour applicable to service provided to other customers in the same service class which do not generate electricity onsite.

44 (b) In the event that the amount of electricity produced by a custom-45 er-generator during the billing period exceeds the amount of electricity 46 used by the customer-generator, the corporation shall apply a credit to 47 for service to the customer-generator for the net elecbill the next 48 tricity provided at the same rate per kilowatt hour applicable to service provided to other customers in the same service class which do 49 50 not generate electricity onsite, except for micro-combined heat and 51 power or fuel cell customer-generators, who will be credited at the corporation's avoided costs. The avoided cost credit provided to micro-52 combined heat and power or fuel cell customer-generators shall be treat-53 54 ed for ratemaking purposes as a purchase of electricity in the market that is includable in commodity costs. 55

1 (c) At the end of the year or annualized over the period that service 2 is supplied by means of net energy metering, the corporation shall 3 promptly issue payment at its avoided cost to the customer-generator, as 4 defined in subparagraph (i) or (ii) of paragraph (a) of subdivision one 5 of this section, for the value of any remaining credit for the excess 6 electricity produced during the year or over the annualized period by 7 the customer-generator.

8 (d) In the event that the corporation imposes charges based on kilowatt demand on customers who are in the same service class as the 9 10 customer-generator but which do not generate electricity on site, the corporation may impose the same charges at the same rates to the custom-11 er-generator, provided, however, that the kilowatt demand for such demand charges is determined by the maximum measured kilowatt demand 12 13 14 actually supplied by the corporation to the customer-generator during 15 the billing period.

16 (E) NET ENERGY METERING SHALL BE ACCOMPLISHED USING A SINGLE METER CAPABLE OF REGISTERING THE FLOW OF ELECTRICITY IN TWO DIRECTIONS. 17 AN ADDITIONAL METER OR METERS TO MONITOR THE FLOW OF ELECTRICITY IN EACH 18 19 DIRECTION MAY BE INSTALLED WITH THE CONSENT OF THE CUSTOMER-GENERATOR, THE EXPENSE OF THE ELECTRIC CORPORATION, AND THE ADDITIONAL METERING 20 AT 21 SHALL BE USED ONLY TO PROVIDE THE INFORMATION NECESSARY TO ACCURATELY 22 BILL OR CREDIT THE CUSTOMER-GENERATOR PURSUANT TO PARAGRAPH (F) OF THIS 23 SUBDIVISION, OR TO COLLECT SYSTEM PERFORMANCE INFORMATION ON THE ELIGI-TECHNOLOGY FOR RESEARCH PURPOSES. IF THE EXISTING ELECTRICAL METER 24 BLE 25 OF AN ELIGIBLE CUSTOMER-GENERATOR IS NOT CAPABLE OF MEASURING THE FLOW 26 OF ELECTRICITY INTWO DIRECTIONS AND PROVIDED THE REASON THE METER IS 27 NOT CAPABLE OF MEASURING THE FLOW IN TWO DIRECTIONS IS NOT RELATED 28 TO A MECHANICAL DEVICE INSTALLED BY AN ELECTRIC CORPORATION OR EITHER 29 SUCH CORPORATION'S SELECTION OF A METER WITHOUT THIS CAPABILITY WHEN OTHER METERS CAPABLE OF MEASURING THE FLOW OF ELECTRICITY IN TWO 30 DIRECTIONS WERE AVAILABLE TO THE ELECTRIC CORPORATION, THE CUSTOMER-GEN-31 32 ERATOR SHALL BE RESPONSIBLE FOR ALL EXPENSES INVOLVED IN PURCHASING AND 33 INSTALLING A METER THAT IS ABLE TO MEASURE THE FLOW OF ELECTRICITY IN IF AN ADDITIONAL METER OR METERS ARE INSTALLED, THE NET 34 TWO DIRECTIONS. 35 ENERGY METERING CALCULATION SHALL YIELD A RESULT IDENTICAL TO THAT OF A 36 SINGLE METER.

37 (F) EVERY ELECTRIC CORPORATION SHALL DEVELOP A STANDARD CONTRACT OR 38 TARIFF PROVIDING FOR NET ENERGY METERING, AND SHALL MAKE THIS CONTRACT 39 AVAILABLE TO ELIGIBLE CUSTOMER-GENERATORS, UPON REQUEST. EVERY ELECTRIC 40 CORPORATION SHALL ENSURE THAT REQUESTS FOR ESTABLISHMENT OF NET ENERGY METERING ARE PROCESSED IN A TIME PERIOD NOT EXCEEDING THAT FOR SIMILARLY 41 SITUATED CUSTOMERS REQUESTING NEW ELECTRIC SERVICE, BUT NOT TO EXCEED 42 43 ONE MONTH FROM THE DATE THE ELECTRIC CORPORATION RECEIVES A COMPLETED 44 APPLICATION FORM FROM AN ELIGIBLE CUSTOMER-GENERATOR. IF AN ELECTRIC 45 CORPORATION IS UNABLE TO PROCESS THE REQUEST WITHIN THE ALLOWABLE TIME-FRAME, THE ELECTRIC CORPORATION SHALL NOTIFY THE CUSTOMER-GENERATOR OF 46 47 THE REASON FOR ITS INABILITY TO PROCESS THE REQUEST AND THE THE DATE 48 REOUEST WILL BE COMPLETED. EVERY ELECTRIC CORPORATION SHALL MAKE ALL 49 NECESSARY FORMS AND CONTRACTS FOR NET ENERGY METERING AVAILABLE FOR 50 DOWNLOAD FROM THE INTERNET.

51 EACH NET ENERGY METERING CONTRACT OR TARIFF SHALL BE IDENTICAL, (G) 52 WITH RESPECT TO RATE STRUCTURE, ALL RETAIL RATE COMPONENTS AND ANY MONTHLY CHARGES, TO THE CONTRACT OR TARIFF TO WHICH THE SAME CUSTOMER 53 54 WOULD BE ASSIGNED IF SUCH CUSTOMER WAS NOT AN ELIGIBLE CUSTOMER-GENERA-55 EXCEPT THAT ELIGIBLE CUSTOMER-GENERATORS SHALL NOT BE ASSESSED TOR, 56 STANDBY CHARGES ON THE ELECTRICAL GENERATING CAPACITY OR THE

KILOWATT-HOUR PRODUCTION OF AN ELIGIBLE TECHNOLOGY. THE CHARGES FOR ALL 1 2 RETAIL RATE COMPONENTS FOR ELIGIBLE CUSTOMER-GENERATORS SHALL ΒE BASED 3 EXCLUSIVELY ON THE CUSTOMER-GENERATOR'S NET KILOWATT-HOUR CONSUMPTION 4 OVER А TWELVE MONTH PERIOD, WITHOUT REGARD TO THE CUSTOMER-GENERATOR'S 5 CHOICE OF ELECTRIC CORPORATION. ANY NEW OR ADDITIONAL DEMAND CHARGE, б STANDBY CHARGE, CUSTOMER CHARGE, MINIMUM MONTHLY CHARGE, INTERCONNECTION 7 THAT WOULD CHARGE OTHER CHARGE INCREASE AN ELIGIBLE OR 8 CUSTOMER-GENERATOR'S COSTS BEYOND THOSE OF OTHER CUSTOMERS IN THE RATE 9 CLASS TO WHICH THE ELIGIBLE CUSTOMER-GENERATOR WOULD OTHERWISE BE 10 ASSIGNED ARE CONTRARY TO THE INTENT OF THIS SECTION, AND SHALL NOT FORM 11 A PART OF NET ENERGY METERING CONTRACTS OR TARIFFS.

12 FOR ALL ELIGIBLE CUSTOMER-GENERATORS TAKING SERVICE UNDER TARIFFS (H) EMPLOYING "TIME OF USE" RATES, ANY NET MONTHLY CONSUMPTION OF 13 ELECTRIC-14 ITY SHALL BE CALCULATED ACCORDING TO THE TERMS OF THE CONTRACT OR TARIFF 15 ΤO WHICH THE SAME CUSTOMER WOULD BE ASSIGNED TO OR BE ELIGIBLE FOR IF 16 THE CUSTOMER WAS NOT AN ELIGIBLE CUSTOMER-GENERATOR. WHEN THOSE SAME 17 CUSTOMER-GENERATORS ARE NET GENERATORS DURING ANY DISCRETE TIME OF USE PERIOD, THE NET KILOWATT-HOURS PRODUCED SHALL BE 18 VALUED AT THE SAME 19 PRICE PER KILOWATT-HOUR AS THE ELECTRIC CORPORATION WOULD CHARGE FOR 20 RETAIL KILOWATT-HOUR SALES DURING THAT SAME TIME OF USE PERIOD AND THAT 21 SHALL BE APPLIED AS A CREDIT TO ANY OF THE DISCRETE TIME OF USE VALUE 22 PERIODS UNDER THE TARIFF. IF THE ELIGIBLE CUSTOMER-GENERATOR'S TIME OF USE ELECTRICAL METER IS UNABLE TO MEASURE THE FLOW OF ELECTRICITY IN TWO 23 24 DIRECTIONS, THE PROVISIONS OF PARAGRAPH (D) OF THIS SUBDIVISION SHALL 25 APPLY.

26 5. Safety standards. (a) On or before three months after the effective date of [this section, each electric corporation shall establish stand-27 28 ards that are necessary for net energy metering and the interconnection 29 of residential solar or farm waste electric generating equipment, micro-combined heat and power generating equipment and fuel cell elec-30 tric generating equipment to its system and that the commission shall 31 32 determine are necessary for safe and adequate service and further the 33 public policy set forth in this section. Such standards may include but shall not be limited to: 34

35 (i) equipment necessary to isolate automatically the residential 36 solar, farm waste, micro-combined heat and power and fuel cell electric 37 generating system from the utility system for voltage and frequency 38 deviations; and

(ii) a manual lockable disconnect switch provided by the customer-generator which shall be located on the outside of the customer's premises and externally accessible for the purpose of isolating the residential solar and farm waste electric generating equipment.

43 (b) Upon its own motion or upon a complaint, the commission, or its 44 designated representative, may investigate and make a determination as 45 to the reasonableness and necessity of the standards or responsibility 46 for compliance with the standards.

47 the case of a customer-generator who owns or operates solar (i) In 48 electric generating equipment located and used at his or her residence; 49 an electric corporation may not require a customer-generator to comply 50 with additional safety or performance standards, perform or pay for 51 additional tests, or purchase additional liability insurance provided that the residential solar or farm waste electric generating equipment, 52 micro-combined heat and power generating equipment or fuel cell electric 53 54 generating equipment meets the safety standards established pursuant to 55 this paragraph.

(ii) In the case of a customer-generator who owns or operates farm 1 waste electric generating equipment located and used at his or her "farm 2 3 operation," an electric corporation may not require a customer-generator 4 to comply with additional safety or performance standards, perform or 5 pay for additional tests, or purchase additional liability insurance 6 provided that:

7 1. the electric generating equipment meets the safety standards estab-8 lished pursuant to this paragraph; and

9 2. the total rated generating capacity (measured in kW) of farm waste 10 electric generating equipment that provides electricity to the electric 11 corporation through the same local feeder line, does not exceed twenty 12 percent of the rated capacity of that local feeder line.

In the event that the total rated generating capacity of farm 13 (iii) 14 waste electric generating equipment that provides electricity to the 15 electric corporation through the same local feeder line exceeds twenty percent of the rated capacity of the local feeder line, the electric 16 17 corporation may require the customer-generator to comply with reasonable measures to ensure safety of that local feeder line.] PARAGRAPH (B) OF 18 19 THIS SUBDIVISION, THE COMMISSION SHALL ESTABLISH STANDARDS FOR INTERCON-20 NECTION OF GENERATORS, TAKING INTO ACCOUNT APPLICABLE INDUSTRY STANDARDS 21 INCLUDING IEEE 1541, AND BEST PRACTICES INCLUDED IN THE INTERSTATE 22 ENERGY COUNCIL'S MODEL INTERCONNECTION RULES MR-12005. SUCH RENEWABLE STANDARDS SHALL NOT BE MORE RESTRICTIVE OF INTERCONNECTION 23 THAN STAND-24 ARDS ESTABLISHED IN FERC ORDERS 2006 AND 2006A AS OF THE EFFECTIVE DATE 25 OF PARAGRAPH (B) OF THIS SUBDIVISION.

26 (B) THE COMMISSION SHALL PROMULGATE REGULATIONS ENSURING THAT SIMPLI-27 CONTRACTS WILL BE USED FOR THE INTERCONNECTION OF GENERATORS THAT FIED 28 HAVE A PRODUCTION CAPACITY NOT EXCEEDING TWO THOUSAND KILOWATTS AND 29 SHALL CONSIDER THE BEST PRACTICES FOR CONSUMER FRIENDLY CONTRACTS STATE UTILITY REGULATORS. SUCH 30 ADOPTED BY NATIONAL ASSOCIATIONS OF SHALL NOT REQUIRE LIABILITY OR OTHER INSURANCE IN EXCESS OF 31 CONTRACTS 32 WHAT IS TYPICALLY CARRIED BY CUSTOMER-GENERATORS FOR GENERAL LIABILITY. 33

S 2. Section 66-1 of the public service law is REPEALED.

S 3. Subdivision (h) of section 1020-g of the public authorities 34 law, 35 amended by chapter 355 of the laws of 2009, is amended to read as as follows: 36

37 (h) To implement programs and policies designed to provide for the 38 interconnection of: (i) [(A)] solar, WIND, FUEL CELL OR FARM WASTE elec-39 tric generating equipment owned or operated by [residential customers, 40 (B) farm waste electric generating equipment owned or operated by customer-generators, (C) solar electric generating equipment owned or 41 operated by non-residential customers, (D)] CUSTOMER-GENERATORS, 42 (II)43 micro-combined heat and power generating equipment owned, leased or 44 operated by residential customers, and [(E)] (III) fuel cell electric 45 generating equipment owned, leased or operated by residential customers, and for net energy metering consistent with section sixty-six-j of the 46 47 public service law, to increase the efficiency of energy end use, to 48 shift demand from periods of high demand to periods of low demand and to facilitate the development of cogeneration[; and (ii) wind electric 49 50 generating equipment owned or operated by customer-generators and for 51 energy metering consistent with section sixty-six-l of the public net 52 service law].

53 S 4. This act shall take effect immediately.