

1 AN ACT concerning regulation.

2 **Be it enacted by the People of the State of Illinois,**  
3 **represented in the General Assembly:**

4 Section 5. The Public Utilities Act is amended by adding  
5 Section 16-107.5 as follows:

6 (220 ILCS 5/16-107.5 new)

7 Sec. 16-107.5. Net energy metering.

8 (a) The Legislature finds and declares that a program to  
9 provide net energy metering for eligible customers can  
10 encourage private investment in renewable energy resources,  
11 stimulate economic growth, enhance the continued  
12 diversification of Illinois' energy resource mix, and protect  
13 the Illinois environment.

14 (b) As used in this Section: (i) an "eligible customer"  
15 means a retail customer that owns and operates a solar or wind  
16 electrical generating facility with a stated name plate  
17 capacity of not more than 40 kilowatts that is located on the  
18 customer's premises and is intended to offset part or all of  
19 the customer's own electrical requirements and (ii) "net energy  
20 metering" means the use of a secondary energy meter to measure  
21 the amount of electricity provided to the electric utility by  
22 the customer.

23 (c) An eligible customer shall pay for all costs associated

1 with the electric utility providing the required  
2 interconnection and secondary meter needed, and if necessary  
3 the real time pricing equipment needed, to participate in net  
4 energy metering.

5 (d) Eligible customers participating in net energy  
6 metering with electric utilities serving 200,000 or more  
7 customers shall be reimbursed for the electricity supplied to  
8 the utility based upon real-time pricing.

9 (e) Eligible customers participating in net energy  
10 metering with electric utilities serving less than 200,000  
11 customers shall be reimbursed for the electricity supplied to  
12 the utility based upon the utility's avoided cost.

13 (f) The electric utility shall make all payments to  
14 eligible customers promptly.

15 (g) Within 3 months after the effective date of this  
16 amendatory Act of the 95th General Assembly, the Illinois  
17 Commerce Commission shall establish standards for net energy  
18 metering and the interconnection of solar and wind electric  
19 generating equipment to the utility system if the Commission  
20 determines that such standards are necessary for safe and  
21 adequate service and further the public policy set forth in  
22 this Section. The standards may include, but shall not be  
23 limited to, standards designating:

24 (1) equipment necessary to automatically isolate the  
25 residential solar and wind generating system from the  
26 utility system for voltage and frequency deviations; and

1           (2) a manual lockable disconnect switch provided by the  
2           customer which shall be located on the outside of the  
3           residence and externally accessible for the purpose of  
4           isolating the solar and wind electric generating  
5           equipment.

6           (h) An electric utility shall offer net metering to  
7           eligible customers until the load of its net energy metering  
8           customers equals 0.1% of the total peak demand supplied by the  
9           electric utility during the previous year. Electric utilities  
10          are authorized to offer net energy metering beyond 0.1% of peak  
11          load if they so choose.

12           Section 99. Effective date. This Act takes effect upon  
13          becoming law.