



Sen. Michael Bond

Filed: 3/23/2007

09500SB0680sam001

LRB095 07321 MJR 34475 a

1 AMENDMENT TO SENATE BILL 680

2 AMENDMENT NO. _____. Amend Senate Bill 680 by replacing
3 everything after the enacting clause with the following:

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 electricity metering.

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

14 (b) As used in this Section, (i) "eligible customer" means
15 a retail customer that owns and operates a solar, wind, or
16 other eligible renewable electrical generating facility with a

1 rated capacity of not more than 2,000 kilowatts that is located
2 on the customer's premises and is intended primarily to offset
3 the customer's own electrical requirements; (ii) "electricity
4 provider" means an electric utility or alternative retail
5 electric supplier; (iii) "eligible renewable electrical
6 generating facility" means a generator powered by solar
7 electric energy, wind, dedicated crops grown for electricity
8 generation, anaerobic digestion of livestock or food
9 processing waste, fuel cells or microturbines powered by
10 renewable fuels, or hydroelectric energy; and (iv) "net
11 electricity metering" (or "net metering") means the
12 measurement, during the billing period applicable to an
13 eligible customer, of the net amount of electricity delivered
14 by an electricity provider to the customer's premises or
15 provided to the electricity provider by the customer.

16 (c) A net metering facility shall be equipped with metering
17 equipment that can measure the flow of electricity in both
18 directions at the same rate. An eligible customer may choose to
19 use an existing electric revenue meter if the meter is capable
20 of measuring the flow of electricity both into and out of the
21 customer's facility at the same rate and ratio. If the eligible
22 customer's existing electric revenue meter does not meet this
23 requirement, the electricity provider shall install and
24 maintain a new revenue meter at the electricity provider's
25 expense. Any subsequent revenue meter change necessitated by
26 the eligible customer shall be paid for by the customer.

1 (d) An electricity provider shall measure and charge or
2 credit for the net electricity supplied to eligible customers
3 or provided by eligible customers in the following manner:

4 (1) If the amount of electricity used by the customer
5 during the billing period exceeds the amount of electricity
6 produced by the customer, the electricity provider shall
7 charge the customer for the net electricity supplied to and
8 used by the customer as provided in subsection (e) of this
9 Section.

10 (2) If the amount of electricity produced by a customer
11 during the billing period exceeds the amount of electricity
12 used by the customer during that billing period, the
13 electricity provider supplying that customer shall apply a
14 1:1 kilowatt-hour credit, including delivery charges, to
15 the next bill for service to the customer for the net
16 electricity supplied to the electricity provider. The
17 electricity provider shall continue to carry over any
18 excess kilowatt-hour credits earned and apply those
19 credits to subsequent billing periods to offset any
20 customer-generator consumption in those billing periods
21 until all credits are used or until the end of the
22 annualized period.

23 (3) At the end of the year or annualized over the
24 period that service is supplied by means of net energy
25 metering, the electricity provider shall compensate the
26 eligible customer for any excess kilowatt-hour credits at

1 the electricity provider's average cost of electricity
2 supply over the same calendar-year period. In lieu of
3 compensation, the eligible customer may elect to carry
4 forward any remaining credits to the next annualized period
5 or until the customer leaves the program, whichever may
6 come first.

7 (e) An electricity provider shall provide to net-metering
8 customers electric service at non-discriminatory rates that
9 are identical, with respect to rate structure, retail rate
10 components, and any monthly charges, to the rates that the
11 customer would be charged if not a net-metering customer. An
12 electricity provider shall not charge net-metering customers
13 any fee or charge or require additional equipment, insurance,
14 or any other requirements not specifically authorized by rule,
15 unless the fee, charge, or other requirement would apply to
16 other similarly situated customers who are not net-metering
17 customers.

18 (f) For purposes of Federal and State laws providing
19 renewable energy credits or greenhouse gas credits, the
20 eligible customer shall be treated as owning and having title
21 to the renewable energy attributes, renewable energy credits,
22 and greenhouse gas emission credits related to any electricity
23 produced by the qualified generating unit. The electricity
24 provider may not condition participation in a net metering
25 program on the signing over of a customer's renewable energy
26 credits.

1 (g) Within 120 days after the effective date of this
2 amendatory Act of the 95th General Assembly, the Commission
3 shall establish standards for net energy metering and the
4 interconnection of eligible renewable generating equipment to
5 the utility system. These standards shall be designed to
6 minimize the procedural barriers, delays, and administrative
7 costs associated with the interconnection of
8 customer-generation while ensuring the safety and reliability
9 of such units and the electric utility system. The
10 interconnection standards established under this Section shall
11 be based upon the Institute of Electrical and Electronics
12 Engineers (IEEE) Standard 1547 and shall also include (i)
13 reasonable and fair fees and costs, (ii) clear timelines for
14 major milestones in the interconnection process, (iii)
15 nondiscriminatory terms of agreement, and (iv) any other
16 requirements necessary to ensure that the procedures are
17 equivalent to the current best practices for interconnection of
18 distributed generation.

19 (h) All electricity providers shall begin to offer net
20 energy metering no later than April 1, 2008.

21 (i) An electricity provider must offer net energy metering
22 to eligible customers until the load of its net energy metering
23 customers equals 1% of the total peak demand supplied by that
24 electricity provider during the previous year. Electricity
25 providers are authorized to offer net energy metering beyond
26 the 1% level if they so choose.

1 Section 99. Effective date. This Act takes effect upon
2 becoming law.".