

## HOUSE BILL No. 2713

By Committee on Utilities

1-28

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AN ACT concerning electric generation; relating to parallel generation; providing for net metering; repealing K.S.A. 2001 Supp. 66-1,184.

*Be it enacted by the Legislature of the State of Kansas:*

Section 1. (a) As used in this section:

(1) "Eligible customer-generator" means a customer who owns and operates an electrical generating facility which is: (A) Located on the customer's premises; (B) interconnected and operates in parallel with the electric grid; and (C) intended primarily to offset part or all of the customer's own electricity requirements.

(2) "Net energy metering" means using a single meter to measure the difference between the total generation and total consumption of electricity by an eligible customer-generator with generating facilities by allowing the meter to turn backward when the customer's generator is producing more energy than the customer's electricity requirements.

(b) Net energy metering shall be accomplished using a single meter, capable of registering the flow of electricity in two directions. An additional meter or meters to monitor the flow of electricity in each direction may be installed, with the consent of the customer-generator but the customer-generator shall not be required to pay the expense of any such meter or its installation. If an additional meter or meters are installed, the net energy metering calculation shall yield the same result as when a single meter is used. The net energy metering calculation shall be made by taking the difference between the electricity supplied by the electric grid and the electricity generated by the eligible customer-generator and fed back to the electric grid over an annual billing period.

(c) The state corporation commission shall develop a simple and standard contract providing for net energy metering and shall make available to eligible customer-generators on a first-come, first-served basis until the total generating capacity owned and operated by eligible customer-generators, statewide, equals 1% of the state's actual peak electricity demand.

(d) Net energy metering shall be carried out under the following requirements:

(1) Each net energy metering contract or tariff shall be identical, with

1 respect to energy rates, rate structure and monthly charges, to the con-  
2 tract or tariff to which the same customer would be assigned if such  
3 customer were not an eligible customer-generator; and

4 (2) no new or additional “demand,” “stand-by,” “customer,” “mini-  
5 mum monthly” or other charges shall be assessed that would serve to  
6 increase a customer-generator’s minimum monthly charge to an amount  
7 greater than that of other customers in the rate class to which the eligible  
8 customer-generator would otherwise be assigned.

9 (e) The period during which the net energy measurement is calcu-  
10 lated shall be annualized. The following provisions shall apply to the an-  
11 nualized net energy measurement:

12 (1) The net energy produced or consumed on a monthly basis shall  
13 be measured in accordance with normal metering practices;

14 (2) where the electricity supplied by the electric distribution system  
15 exceeds the electricity generated by the customer-generator during the  
16 month, the customer-generator shall be billed in accordance with sub-  
17 section (d) for the net energy supplied;

18 (3) where the electricity generated by the customer-generator ex-  
19 ceeds the electricity supplied by the electric grid, the customer-generator  
20 shall be credited in accordance with subsection (d) for the excess kilowatt-  
21 hours generated and such kilowatt-hour credit shall appear on the cus-  
22 tomer-generator’s next monthly bill; and

23 (4) at the end of the annual period, any remaining unused credit for  
24 the excess kilowatt hours generated by the customer-generator during the  
25 prior year shall be purchased by the local utility or distribution company  
26 at its avoided cost.

27 (f) Electric generating facilities which are owned and operated by  
28 customer-generators and use renewable energy sources shall meet safety  
29 and power quality and interconnection codes and standards established  
30 by the national electrical code, institute of electrical and electronics en-  
31 gineers and accredited testing laboratories such as underwriters  
32 laboratories.

33 (g) The state corporation commission may adopt, by rules and regu-  
34 lations, standardized control and testing requirements for customer-gen-  
35 erators that the commission determines are necessary to protect public  
36 safety and system reliability.

37 (h) No electric utility shall require a customer-generator whose re-  
38 newable energy electric facilities meet the standards of subsections (f)  
39 and (g) to install additional controls, perform or pay for additional tests  
40 or purchase additional liability insurance.

41 (i) Any application by a customer-generator for interconnection to  
42 the distribution system shall be reviewed and responded to by the distri-  
43 bution utility within 30 days after receipt of the application. If the appli-

1 cation for interconnection is approved by the distribution utility, the dis-  
2 tribution utility shall complete the interconnection within 15 working days  
3 after approval, unless a later date is mutually agreeable to both the cus-  
4 tomer-generator and the distribution utility.

5 Sec. 2. K.S.A. 2001 Supp. 66-1,184 is hereby repealed.

6 Sec. 3. This act shall take effect and be in force from and after its  
7 publication in the statute book.

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