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HOUSE BILL NO. 129

Offered January 11, 2012

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A BILL to amend and reenact §§ 56-576 and 56-577 of the Code of Virginia, relating to electric utility regulation; exemption for purchases from net metering sellers.

Patrons—Kilgore, Crockett-Stark, Lewis, Lopez and Torian

Referred to Committee on Commerce and Labor

Be it enacted by the General Assembly of Virginia:**1. That §§ 56-576 and 56-577 of the Code of Virginia are amended and reenacted as follows:**

§ 56-576. Definitions.

As used in this chapter:

"Affiliate" means any person that controls, is controlled by, or is under common control with an electric utility.

"Aggregator" means a person that, as an agent or intermediary, (i) offers to purchase, or purchases, electric energy or (ii) offers to arrange for, or arranges for, the purchase of electric energy, for sale to, or on behalf of, two or more retail customers not controlled by or under common control with such person. The following activities shall not, in and of themselves, make a person an aggregator under this chapter: (i) furnishing legal services to two or more retail customers, suppliers or aggregators; (ii) furnishing educational, informational, or analytical services to two or more retail customers, unless direct or indirect compensation for such services is paid by an aggregator or supplier of electric energy; (iii) furnishing educational, informational, or analytical services to two or more suppliers or aggregators; (iv) providing default service under § 56-585; (v) engaging in activities of a retail electric energy supplier, licensed pursuant to § 56-587, which are authorized by such supplier's license; and (vi) engaging in actions of a retail customer, in common with one or more other such retail customers, to issue a request for proposal or to negotiate a purchase of electric energy for consumption by such retail customers.

"Combined heat and power" means a method of using waste heat from electrical generation to offset traditional processes, space heating, air conditioning, or refrigeration.

"Commission" means the State Corporation Commission.

"Cooperative" means a utility formed under or subject to Chapter 9.1 (§ 56-231.15 et seq.) of this title.

"Covered entity" means a provider in the Commonwealth of an electric service not subject to competition but shall not include default service providers.

"Covered transaction" means an acquisition, merger, or consolidation of, or other transaction involving stock, securities, voting interests or assets by which one or more persons obtains control of a covered entity.

"Curtailed" means inducing retail customers to reduce load during times of peak demand so as to ease the burden on the electrical grid.

"Customer choice" means the opportunity for a retail customer in the Commonwealth to purchase electric energy from any supplier licensed and seeking to sell electric energy to that customer.

"Demand response" means measures aimed at shifting time of use of electricity from peak-use periods to times of lower demand by inducing retail customers to curtail electricity usage during periods of congestion and higher prices in the electrical grid.

"Distribute," "distributing," or "distribution of" electric energy means the transfer of electric energy through a retail distribution system to a retail customer.

"Distributor" means a person owning, controlling, or operating a retail distribution system to provide electric energy directly to retail customers.

"Electric utility" means any person that generates, transmits, or distributes electric energy for use by retail customers in the Commonwealth, including any investor-owned electric utility, cooperative electric utility, or electric utility owned or operated by a municipality.

"Energy efficiency program" means a program that reduces the total amount of electricity that is required for the same process or activity implemented after the expiration of capped rates. Energy efficiency programs include equipment, physical, or program change designed to produce measured and verified reductions in the amount of electricity required to perform the same function and produce the same or a similar outcome. Energy efficiency programs may include, but are not limited to, (i) programs that result in improvements in lighting design, heating, ventilation, and air conditioning systems, appliances, building envelopes, and industrial and commercial processes; and (ii) measures, such as but

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59 not limited to the installation of advanced meters, implemented or installed by utilities, that reduce fuel
60 use or losses of electricity and otherwise improve internal operating efficiency in generation,
61 transmission, and distribution systems. Energy efficiency programs include demand response, combined
62 heat and power and waste heat recovery, curtailment, or other programs that are designed to reduce
63 electricity consumption so long as they reduce the total amount of electricity that is required for the
64 same process or activity. Utilities shall be authorized to install and operate such advanced metering
65 technology and equipment on a customer's premises; however, nothing in this chapter establishes a
66 requirement that an energy efficiency program be implemented on a customer's premises and be
67 connected to a customer's wiring on the customer's side of the inter-connection without the customer's
68 expressed consent.

69 "Generate," "generating," or "generation of" electric energy means the production of electric energy.

70 "Generator" means a person owning, controlling, or operating a facility that produces electric energy
71 for sale.

72 "Incumbent electric utility" means each electric utility in the Commonwealth that, prior to July 1,
73 1999, supplied electric energy to retail customers located in an exclusive service territory established by
74 the Commission.

75 "Independent system operator" means a person that may receive or has received, by transfer pursuant
76 to this chapter, any ownership or control of, or any responsibility to operate, all or part of the
77 transmission systems in the Commonwealth.

78 "Measured and verified" means a process determined pursuant to methods accepted for use by
79 utilities and industries to measure, verify, and validate energy savings and peak demand savings. This
80 may include the protocol established by the United States Department of Energy, Office of Federal
81 Energy Management Programs, Measurement and Verification Guidance for Federal Energy Projects,
82 measurement and verification standards developed by the American Society of Heating, Refrigeration
83 and Air Conditioning Engineers (ASHRAE), or engineering-based estimates of energy and demand
84 savings associated with specific energy efficiency measures, as determined by the Commission.

85 "Municipality" means a city, county, town, authority, or other political subdivision of the
86 Commonwealth.

87 *"Net metering seller" means a person that (i) is not a public utility as defined in § 56-265.1, (ii) is*
88 *not a supplier, (iii) owns or operates a renewable energy electricity generation source on premises that*
89 *is owned, leased, or otherwise controlled by an eligible customer-generator, as defined in subsection B*
90 *of § 56-594, and (iv) sells the electricity generated from the renewable energy electricity generation*
91 *source exclusively to the eligible customer-generator under a power purchase agreement.*

92 "Peak-shaving" means measures aimed solely at shifting time of use of electricity from peak-use
93 periods to times of lower demand by inducing retail customers to curtail electricity usage during periods
94 of congestion and higher prices in the electrical grid.

95 "Person" means any individual, corporation, partnership, association, company, business, trust, joint
96 venture, or other private legal entity, and the Commonwealth or any municipality.

97 "Renewable energy" means energy derived from sunlight, wind, falling water, biomass, sustainable or
98 otherwise, (the definitions of which shall be liberally construed), energy from waste, municipal solid
99 waste, wave motion, tides, and geothermal power, and does not include energy derived from coal, oil,
100 natural gas or nuclear power. Renewable energy shall also include the proportion of the thermal or
101 electric energy from a facility that results from the co-firing of biomass.

102 "Retail customer" means any person that purchases retail electric energy for its own consumption at
103 one or more metering points or nonmetered points of delivery located in the Commonwealth.

104 "Retail electric energy" means electric energy sold for ultimate consumption to a retail customer.

105 "Revenue reductions related to energy efficiency programs" means reductions in the collection of
106 total non-fuel revenues, previously authorized by the Commission to be recovered from customers by a
107 utility, that occur due to measured and verified decreased consumption of electricity caused by energy
108 efficiency programs approved by the Commission and implemented by the utility, less the amount by
109 which such non-fuel reductions in total revenues have been mitigated through other program-related
110 factors, including reductions in variable operating expenses.

111 "Supplier" means any generator, distributor, aggregator, broker, marketer, or other person who offers
112 to sell or sells electric energy to retail customers and is licensed by the Commission to do so, but it
113 does not mean a generator that produces electric energy exclusively for its own consumption or the
114 consumption of an affiliate.

115 "Supply" or "supplying" electric energy means the sale of or the offer to sell electric energy to a
116 retail customer.

117 "Transmission of," "transmit," or "transmitting" electric energy means the transfer of electric energy
118 through the Commonwealth's interconnected transmission grid from a generator to either a distributor or
119 a retail customer.

120 "Transmission system" means those facilities and equipment that are required to provide for the

transmission of electric energy.

§ 56-577. Schedule for transition to retail competition; Commission authority; exemptions; pilot programs.

A. Retail competition for the purchase and sale of electric energy shall be subject to the following provisions:

1. Each incumbent electric utility owning, operating, controlling, or having an entitlement to transmission capacity shall join or establish a regional transmission entity, which entity may be an independent system operator, to which such utility shall transfer the management and control of its transmission system, subject to the provisions of § 56-579.

2. The generation of electric energy shall be subject to regulation as specified in this chapter.

3. From January 1, 2004, until the expiration or termination of capped rates, all retail customers of electric energy within the Commonwealth, regardless of customer class, shall be permitted to purchase electric energy from any supplier of electric energy licensed to sell retail electric energy within the Commonwealth. After the expiration or termination of capped rates, and subject to the provisions of subdivisions 4 and 5, only individual retail customers of electric energy within the Commonwealth, regardless of customer class, whose demand during the most recent calendar year exceeded five megawatts but did not exceed one percent of the customer's incumbent electric utility's peak load during the most recent calendar year unless such customer had noncoincident peak demand in excess of 90 megawatts in calendar year 2006 or any year thereafter, shall be permitted to purchase electric energy from any supplier of electric energy licensed to sell retail electric energy within the Commonwealth, except for any incumbent electric utility other than the incumbent electric utility serving the exclusive service territory in which such a customer is located, subject to the following conditions:

a. If such customer does not purchase electric energy from licensed suppliers after that date, such customer shall purchase electric energy from its incumbent electric utility.

b. Except as provided in subdivision 4, the demands of individual retail customers may not be aggregated or combined for the purpose of meeting the demand limitations of this provision, any other provision of this chapter to the contrary notwithstanding. For the purposes of this section, each noncontiguous site will nevertheless constitute an individual retail customer even though one or more such sites may be under common ownership of a single person.

c. If such customer does purchase electric energy from licensed suppliers after the expiration or termination of capped rates, it shall not thereafter be entitled to purchase electric energy from the incumbent electric utility without giving five years' advance written notice of such intention to such utility, except where such customer demonstrates to the Commission, after notice and opportunity for hearing, through clear and convincing evidence that its supplier has failed to perform, or has anticipatorily breached its duty to perform, or otherwise is about to fail to perform, through no fault of the customer, and that such customer is unable to obtain service at reasonable rates from an alternative supplier. If, as a result of such proceeding, the Commission finds it in the public interest to grant an exemption from the five-year notice requirement, such customer may thereafter purchase electric energy at the costs of such utility, as determined by the Commission pursuant to subdivision 3 d hereof, for the remainder of the five-year notice period, after which point the customer may purchase electric energy from the utility under rates, terms and conditions determined pursuant to § 56-585.1. However, such customer shall be allowed to individually purchase electric energy from the utility under rates, terms, and conditions determined pursuant to § 56-585.1 if, upon application by such customer, the Commission finds that neither such customer's incumbent electric utility nor retail customers of such utility that do not choose to obtain electric energy from alternate suppliers will be adversely affected in a manner contrary to the public interest by granting such petition. In making such determination, the Commission shall take into consideration, without limitation, the impact and effect of any and all other previously approved petitions of like type with respect to such incumbent electric utility. Any customer that returns to purchase electric energy from its incumbent electric utility, before or after expiration of the five-year notice period, shall be subject to minimum stay periods equal to those prescribed by the Commission pursuant to subdivision C 1.

d. The costs of serving a customer that has received an exemption from the five-year notice requirement under subdivision 3 c hereof shall be the market-based costs of the utility, including (i) the actual expenses of procuring such electric energy from the market, (ii) additional administrative and transaction costs associated with procuring such energy, including, but not limited to, costs of transmission, transmission line losses, and ancillary services, and (iii) a reasonable margin as determined pursuant to the provisions of subdivision A 2 of § 56-585.1. The methodology established by the Commission for determining such costs shall ensure that neither utilities nor other retail customers are adversely affected in a manner contrary to the public interest.

4. After the expiration or termination of capped rates, two or more individual nonresidential retail customers of electric energy within the Commonwealth, whose individual demand during the most recent

calendar year did not exceed five megawatts, may petition the Commission for permission to aggregate or combine their demands, for the purpose of meeting the demand limitations of subdivision 3, so as to become qualified to purchase electric energy from any supplier of electric energy licensed to sell retail electric energy within the Commonwealth under the conditions specified in subdivision 3. The Commission may, after notice and opportunity for hearing, approve such petition if it finds that:

a. Neither such customers' incumbent electric utility nor retail customers of such utility that do not choose to obtain electric energy from alternate suppliers will be adversely affected in a manner contrary to the public interest by granting such petition. In making such determination, the Commission shall take into consideration, without limitation, the impact and effect of any and all other previously approved petitions of like type with respect to such incumbent electric utility; and

b. Approval of such petition is consistent with the public interest.

If such petition is approved, all customers whose load has been aggregated or combined shall thereafter be subject in all respects to the provisions of subdivision 3 and shall be treated as a single, individual customer for the purposes of said subdivision. In addition, the Commission shall impose reasonable periodic monitoring and reporting obligations on such customers to demonstrate that they continue, as a group, to meet the demand limitations of subdivision 3. If the Commission finds, after notice and opportunity for hearing, that such group of customers no longer meets the above demand limitations, the Commission may revoke its previous approval of the petition, or take such other actions as may be consistent with the public interest.

5. After the expiration or termination of capped rates, individual retail customers of electric energy within the Commonwealth, regardless of customer class, shall be permitted:

a. To purchase electric energy provided 100 percent from renewable energy from any supplier of electric energy licensed to sell retail electric energy within the Commonwealth, other than any incumbent electric utility that is not the incumbent electric utility serving the exclusive service territory in which such a customer is located, if the incumbent electric utility serving the exclusive service territory does not offer an approved tariff for electric energy provided 100 percent from renewable energy; and

~~b. To.~~ *Such customers also shall be permitted to* continue purchasing renewable energy pursuant to the terms of a power purchase agreement in effect on the date there is filed with the Commission a tariff for the incumbent electric utility that serves the exclusive service territory in which the customer is located to offer electric energy provided 100 percent from renewable energy, for the duration of such agreement; and

b. If they are eligible customer-generators as defined in subsection B of § 56-594, to purchase electric energy provided 100 percent from renewable energy exclusively for their own consumption from a net metering seller pursuant to a power purchase agreement to supply some or all of such retail customer's electric energy requirements. Such retail customer may purchase electric energy provided 100 percent from renewable energy pursuant to a power purchase agreement from a net metering seller without regard to whether the incumbent electric utility serving the exclusive service territory offers an approved tariff for electric energy provided 100 percent from renewable energy.

6. A tariff for one or more classes of residential customers filed with the Commission for approval by a cooperative on or after July 1, 2010, shall be deemed to offer a tariff for electric energy provided 100 percent from renewable energy if it provides undifferentiated electric energy and the cooperative retires a quantity of renewable energy certificates equal to 100 percent of the electric energy provided pursuant to such tariff. A tariff for one or more classes of nonresidential customers filed with the Commission for approval by a cooperative on or after July 1, 2012, shall be deemed to offer a tariff for electric energy provided 100 percent from renewable energy if it provides undifferentiated electric energy and the cooperative retires a quantity of renewable energy certificates equal to 100 percent of the electric energy provided pursuant to such tariff. For purposes of this section, "renewable energy certificate" means, with respect to cooperatives, a tradable commodity or instrument issued by a regional transmission entity or affiliate or successor thereof in the United States that validates the generation of electricity from renewable energy sources or that is certified under a generally recognized renewable energy certificate standard. One renewable energy certificate equals 1,000 kWh or one MWh of electricity generated from renewable energy. A cooperative offering electric energy provided 100 percent from renewable energy pursuant to this subdivision that involves the retirement of renewable energy certificates shall disclose to its retail customers who express an interest in purchasing energy pursuant to such tariff (i) that the renewable energy is comprised of the retirement of renewable energy certificates, (ii) the identity of the entity providing the renewable energy certificates, and (iii) the sources of renewable energy being offered.

B. The Commission shall promulgate such rules and regulations as may be necessary to implement the provisions of this section.

C. 1. By January 1, 2002, the Commission shall promulgate regulations establishing whether and, if so, for what minimum periods, customers who request service from an incumbent electric utility

pursuant to subsection D of § 56-582 or a default service provider, after a period of receiving service from other suppliers of electric energy, shall be required to use such service from such incumbent electric utility or default service provider, as determined to be in the public interest by the Commission.

2. Subject to (i) the availability of capped rate service under § 56-582, and (ii) the transfer of the management and control of an incumbent electric utility's transmission assets to a regional transmission entity after approval of such transfer by the Commission under § 56-579, retail customers of such utility (a) purchasing such energy from licensed suppliers and (b) otherwise subject to minimum stay periods prescribed by the Commission pursuant to subdivision 1, shall nevertheless be exempt from any such minimum stay obligations by agreeing to purchase electric energy at the market-based costs of such utility or default providers after a period of obtaining electric energy from another supplier. Such costs shall include (i) the actual expenses of procuring such electric energy from the market, (ii) additional administrative and transaction costs associated with procuring such energy, including, but not limited to, costs of transmission, transmission line losses, and ancillary services, and (iii) a reasonable margin. The methodology of ascertaining such costs shall be determined and approved by the Commission after notice and opportunity for hearing and after review of any plan filed by such utility to procure electric energy to serve such customers. The methodology established by the Commission for determining such costs shall be consistent with the goals of (a) promoting the development of effective competition and economic development within the Commonwealth as provided in subsection A of § 56-596, and (b) ensuring that neither incumbent utilities nor retail customers that do not choose to obtain electric energy from alternate suppliers are adversely affected.

3. Notwithstanding the provisions of subsection D of § 56-582 and subsection C of § 56-585, however, any such customers exempted from any applicable minimum stay periods as provided in subdivision 2 shall not be entitled to purchase retail electric energy thereafter from their incumbent electric utilities, or from any distributor required to provide default service under subsection B of § 56-585, at the capped rates established under § 56-582, unless such customers agree to satisfy any minimum stay period then applicable while obtaining retail electric energy at capped rates.

4. The Commission shall promulgate such rules and regulations as may be necessary to implement the provisions of this subsection, which rules and regulations shall include provisions specifying the commencement date of such minimum stay exemption program.