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SENATE BILL NO. 311
AMENDMENT IN THE NATURE OF A SUBSTITUTE
 (Proposed by the Governor
 on March 6, 2008)

(Patron Prior to Substitute—Senator Reynolds)

A BILL to amend and reenact § 56-585.1 of the Code of Virginia and to amend the Code of Virginia by adding in Title 56 a chapter numbered 24, consisting of sections numbered 56-597, 56-598, and 56-599, relating to resource planning by electric utilities.

Be it enacted by the General Assembly of Virginia:

1. That § 56-585.1 of the Code of Virginia is amended and reenacted and that the Code of Virginia is amended by adding in Title 56 a chapter numbered 24, consisting of sections numbered 56-597, 56-598, and 56-599, as follows:

§ 56-585.1. Generation, distribution, and transmission rates after capped rates terminate or expire.

A. During the first six months of 2009, the Commission shall, after notice and opportunity for hearing, initiate proceedings to review the rates, terms and conditions for the provision of generation, distribution and transmission services of each investor-owned incumbent electric utility. Such proceedings shall be governed by the provisions of Chapter 10 (§ 56-232 et seq.) of this title, except as modified herein. In such proceedings the Commission shall determine fair rates of return on common equity applicable to the generation and distribution services of the utility. In so doing, the Commission may use any methodology to determine such return it finds consistent with the public interest, but such return shall not be set lower than the average of the returns on common equity reported to the Securities and Exchange Commission for the three most recent annual periods for which such data are available by not less than a majority, selected by the Commission as specified in subdivision 2 b, of other investor-owned electric utilities in the peer group of the utility, nor shall the Commission set such return more than 300 basis points higher than such average. The peer group of the utility shall be determined in the manner prescribed in subdivision 2 b. The Commission may increase or decrease such combined rate of return by up to 100 basis points based on the generating plant performance, customer service, and operating efficiency of a utility, as compared to nationally recognized standards determined by the Commission to be appropriate for such purposes. In such a proceeding, the Commission shall determine the rates that the utility may charge until such rates are adjusted. If the Commission finds that the utility's combined rate of return on common equity is more than 50 basis points below the combined rate of return as so determined, it shall be authorized to order increases to the utility's rates necessary to provide the opportunity to fully recover the costs of providing the utility's services and to earn not less than such combined rate of return. If the Commission finds that the utility's combined rate of return on common equity is more than 50 basis points above the combined rate of return as so determined, it shall be authorized either (i) to order reductions to the utility's rates it finds appropriate, provided that the Commission may not order such rate reduction unless it finds that the resulting rates will provide the utility with the opportunity to fully recover its costs of providing its services and to earn not less than the fair rates of return on common equity applicable to the generation and distribution services; or (ii) direct that 60 percent of the amount of the utility's earnings that were more than 50 basis points above the fair combined rate of return for calendar year 2008 be credited to customers' bills, in which event such credits shall be amortized over a period of six to 12 months, as determined at the discretion of the Commission, following the effective date of the Commission's order and be allocated among customer classes such that the relationship between the specific customer class rates of return to the overall target rate of return will have the same relationship as the last approved allocation of revenues used to design base rates. Commencing in 2011, the Commission, after notice and opportunity for hearing, shall conduct biennial reviews of the rates, terms and conditions for the provision of generation, distribution and transmission services by each investor-owned incumbent electric utility, subject to the following provisions:

1. Rates, terms and conditions for each service shall be reviewed separately on an unbundled basis, and such reviews shall be conducted in a single, combined proceeding. The first such review shall utilize the two successive 12-month test periods ending December 31, 2010. However, the Commission may, in its discretion, elect to stagger its biennial reviews of utilities by utilizing the two successive 12-month test periods ending December 31, 2010, for a Phase I Utility, and utilizing the two successive 12-month test periods ending December 31, 2011, for a Phase II Utility, with subsequent proceedings utilizing the two successive 12-month test periods ending December 31 immediately preceding the year in which such proceeding is conducted. For purposes of this section, a Phase I Utility is an investor-owned incumbent electric utility that was, as of July 1, 1999, not bound by a rate case settlement adopted by the Commission that extended in its application beyond January 1, 2002, and a

SENATE SUBSTITUTE

SB311S2

60 Phase II Utility is an investor-owned incumbent electric utility that was bound by such a settlement.

61 2. Subject to the provisions of subdivision 6, fair rates of return on common equity applicable
62 separately to the generation and distribution services of such utility, and for the two such services
63 combined, shall be determined by the Commission during each such biennial review, as follows:

64 a. The Commission may use any methodology to determine such return it finds consistent with the
65 public interest, but such return shall not be set lower than the average of the returns on common equity
66 reported to the Securities and Exchange Commission for the three most recent annual periods for which
67 such data are available by not less than a majority, selected by the Commission as specified in
68 subdivision 2 b, of other investor-owned electric utilities in the peer group of the utility subject to such
69 biennial review, nor shall the Commission set such return more than 300 basis points higher than such
70 average.

71 b. In selecting such majority of peer group investor-owned electric utilities, the Commission shall
72 first remove from such group the two utilities within such group that have the lowest reported returns of
73 the group, as well as the two utilities within such group that have the highest reported returns of the
74 group, and the Commission shall then select a majority of the utilities remaining in such peer group. In
75 its final order regarding such biennial review, the Commission shall identify the utilities in such peer
76 group it selected for the calculation of such limitation. For purposes of this subdivision, an
77 investor-owned electric utility shall be deemed part of such peer group if (i) its principal operations are
78 conducted in the southeastern United States east of the Mississippi River in either the states of West
79 Virginia or Kentucky or in those states south of Virginia, excluding the state of Tennessee, (ii) it is a
80 vertically-integrated electric utility providing generation, transmission and distribution services whose
81 facilities and operations are subject to state public utility regulation in the state where its principal
82 operations are conducted, (iii) it had a long-term bond rating assigned by Moody's Investors Service of
83 at least Baa at the end of the most recent test period subject to such biennial review, and (iv) it is not
84 an affiliate of the utility subject to such biennial review.

85 c. The Commission may increase or decrease such combined rate of return by up to 100 basis points
86 based on the generating plant performance, customer service, and operating efficiency of a utility, as
87 compared to nationally recognized standards determined by the Commission to be appropriate for such
88 purposes, such action being referred to in this section as a Performance Incentive. If the Commission
89 adopts such Performance Incentive, it shall remain in effect without change until the next biennial
90 review for such utility is concluded and shall not be modified pursuant to any provision of the
91 remainder of this subsection.

92 d. In any Current Proceeding, the Commission shall determine whether the Current Return has
93 increased, on a percentage basis, above the Initial Return by more than the increase, expressed as a
94 percentage, in the United States Average Consumer Price Index for all items, all urban consumers
95 (CPI-U), as published by the Bureau of Labor Statistics of the United States Department of Labor, since
96 the date on which the Commission determined the Initial Return. If so, the Commission may conduct an
97 additional analysis of whether it is in the public interest to utilize such Current Return for the Current
98 Proceeding then pending. A finding of whether the Current Return justifies such additional analysis shall
99 be made without regard to any Performance Incentive adopted by the Commission, or any enhanced rate
100 of return on common equity awarded pursuant to the provisions of subdivision 6. Such additional
101 analysis shall include, but not be limited to, a consideration of overall economic conditions, the level of
102 interest rates and cost of capital with respect to business and industry, in general, as well as electric
103 utilities, the current level of inflation and the utility's cost of goods and services, the effect on the
104 utility's ability to provide adequate service and to attract capital if less than the Current Return were
105 utilized for the Current Proceeding then pending, and such other factors as the Commission may deem
106 relevant. If, as a result of such analysis, the Commission finds that use of the Current Return for the
107 Current Proceeding then pending would not be in the public interest, then the lower limit imposed by
108 subdivision 2 a on the return to be determined by the Commission for such utility shall be calculated,
109 for that Current Proceeding only, by increasing the Initial Return by a percentage at least equal to the
110 increase, expressed as a percentage, in the United States Average Consumer Price Index for all items, all
111 urban consumers (CPI-U), as published by the Bureau of Labor Statistics of the United States
112 Department of Labor, since the date on which the Commission determined the Initial Return. For
113 purposes of this subdivision:

114 "Current Proceeding" means any proceeding conducted under any provisions of this subsection that
115 require or authorize the Commission to determine a fair combined rate of return on common equity for
116 a utility and that will be concluded after the date on which the Commission determined the Initial
117 Return for such utility.

118 "Current Return" means the minimum fair combined rate of return on common equity required for
119 any Current Proceeding by the limitation regarding a utility's peer group specified in subdivision 2 a.

120 "Initial Return" means the fair combined rate of return on common equity determined for such utility
121 by the Commission on the first occasion after July 1, 2009, under any provision of this subsection

pursuant to the provisions of subdivision 2 a.

e. In addition to other considerations, in setting the return on equity within the range allowed by this section, the Commission shall strive to maintain costs of retail electric energy that are cost competitive with costs of retail electric energy provided by the other peer group investor-owned electric utilities.

f. The determination of such returns, including the determination of whether to adopt a Performance Incentive and the amount thereof, shall be made by the Commission on a stand-alone basis, and specifically without regard to any return on common equity or other matters determined with regard to facilities described in subdivision 6.

g. If the combined rate of return on common equity earned by both the generation and distribution services is no more than 50 basis points above or below the return as so determined, such combined return shall not be considered either excessive or insufficient, respectively.

h. Any amount of a utility's earnings directed by the Commission to be credited to customers' bills pursuant to this section shall not be considered for the purpose of determining the utility's earnings in any subsequent biennial review.

3. Each such utility shall make a biennial filing by March 31 of every other year, beginning in 2011, consisting of the schedules contained in the Commission's rules governing utility rate increase applications (20 VAC 5-200-30); however, if the Commission elects to stagger the dates of the biennial reviews of utilities as provided in subdivision 1, then Phase I utilities shall commence biennial filings in 2011 and Phase II utilities shall commence biennial filings in 2012. Such filing shall encompass the two successive 12-month test periods ending December 31 immediately preceding the year in which such proceeding is conducted, and in every such case the filing for each year shall be identified separately and shall be segregated from any other year encompassed by the filing. If the Commission determines that rates should be revised or credits be applied to customers' bills pursuant to subdivision 8 or 9, any rate adjustment clauses previously implemented pursuant to subdivision 4 or 5 or those related to facilities utilizing simple-cycle combustion turbines described in subdivision 6, shall be combined with the utility's costs, revenues and investments until the amounts that are the subject of such rate adjustment clauses are fully recovered. The Commission shall combine such clauses with the utility's costs, revenues and investments only after it makes its initial determination with regard to necessary rate revisions or credits to customers' bills, and the amounts thereof, but after such clauses are combined as herein specified, they shall thereafter be considered part of the utility's costs, revenues, and investments for the purposes of future biennial review proceedings. ~~By the same date, each such utility shall also file its plan for its projected generation and transmission requirements to serve its native load for the next 10 years, including how the utility will obtain such resources, the capital requirements for providing such resources, and the anticipated sources of funding for such resources.~~

4. The following costs incurred by the utility shall be deemed reasonable and prudent: (i) costs for transmission services provided to the utility by the regional transmission entity of which the utility is a member, as determined under applicable rates, terms and conditions approved by the Federal Energy Regulatory Commission and (ii) costs charged to the utility that are associated with demand response programs approved by the Federal Energy Regulatory Commission and administered by the regional transmission entity of which the utility is a member. Upon petition of a utility at any time after the expiration or termination of capped rates, but not more than once in any 12-month period, the Commission shall approve a rate adjustment clause under which such costs, including, without limitation, costs for transmission service, charges for new and existing transmission facilities, administrative charges, and ancillary service charges designed to recover transmission costs, shall be recovered on a timely and current basis from customers. Retail rates to recover these costs shall be designed using the appropriate billing determinants in the retail rate schedules.

5. A utility may at any time, after the expiration or termination of capped rates, but not more than once in any 12-month period, petition the Commission for approval of one or more rate adjustment clauses for the timely and current recovery from customers of the following costs:

a. Incremental costs described in clause (vi) of subsection B of § 56-582 incurred between July 1, 2004, and the expiration or termination of capped rates, if such utility is, as of July 1, 2007, deferring such costs consistent with an order of the Commission entered under clause (vi) of subsection B of § 56-582. The Commission shall approve such a petition allowing the recovery of such costs that comply with the requirements of clause (vi) of subsection B of § 56-582;

b. Projected and actual costs of providing incentives for the utility to design and operate fair and effective demand-management, conservation, energy efficiency, and load management programs. The Commission shall approve such a petition if it finds that the program is in the public interest and that the need for the incentives is demonstrated with reasonable certainty; provided that the Commission shall allow the recovery of such costs as it finds are reasonable;

c. Projected and actual costs of participation in a renewable energy portfolio standard program pursuant to § 56-585.2 that are not recoverable under subdivision 6. The Commission shall approve such

183 a petition allowing the recovery of such costs as are provided for in a program approved pursuant to
 184 § 56-585.2; and

185 d. Projected and actual costs of projects that the Commission finds to be necessary to comply with
 186 state or federal environmental laws or regulations applicable to generation facilities used to serve the
 187 utility's native load obligations. The Commission shall approve such a petition if it finds that such costs
 188 are necessary to comply with such environmental laws or regulations. If the Commission determines it
 189 would be just, reasonable, and in the public interest, the Commission may include the enhanced rate of
 190 return on common equity prescribed in subdivision 6 in a rate adjustment clause approved hereunder for
 191 a project whose purpose is to reduce the need for construction of new generation facilities by enabling
 192 the continued operation of existing generation facilities. In the event the Commission includes such
 193 enhanced return in such rate adjustment clause, the project that is the subject of such clause shall be
 194 treated as a facility described in subdivision 6 for the purposes of this section.

195 The Commission shall have the authority to determine the duration or amortization period for any
 196 adjustment clause approved under this subdivision.

197 6. To ensure a reliable and adequate supply of electricity, to meet the utility's projected native load
 198 obligations and to promote economic development, a utility may at any time, after the expiration or
 199 termination of capped rates, petition the Commission for approval of a rate adjustment clause for
 200 recovery on a timely and current basis from customers of the costs of (i) a coal-fueled generation
 201 facility that utilizes Virginia coal and is located in the coalfield region of the Commonwealth, as
 202 described in § 15.2-6002, regardless of whether such facility is located within or without the utility's
 203 service territory, (ii) one or more other generation facilities, or (iii) one or more major unit
 204 modifications of generation facilities; however, such a petition concerning facilities described in clause
 205 (ii) that utilize nuclear power, facilities described in clause (ii) that are coal-fueled and will be built by a
 206 Phase I utility, or facilities described in clause (i) may also be filed before the expiration or termination
 207 of capped rates. A utility that constructs any such facility shall have the right to recover the costs of the
 208 facility, as accrued against income, through its rates, including projected construction work in progress,
 209 and any associated allowance for funds used during construction, planning, development and
 210 construction costs, life-cycle costs, and costs of infrastructure associated therewith, plus, as an incentive
 211 to undertake such projects, an enhanced rate of return on common equity calculated as specified below.
 212 The costs of the facility, other than return on projected construction work in progress and allowance for
 213 funds used during construction, shall not be recovered prior to the date the facility begins commercial
 214 operation. Such enhanced rate of return on common equity shall be applied to allowance for funds used
 215 during construction and to construction work in progress during the construction phase of the facility
 216 and shall thereafter be applied to the entire facility during the first portion of the service life of the
 217 facility. The first portion of the service life shall be as specified in the table below; however, the
 218 Commission shall determine the duration of the first portion of the service life of any facility, within the
 219 range specified in the table below, which determination shall be consistent with the public interest and
 220 shall reflect the Commission's determinations regarding how critical the facility may be in meeting the
 221 energy needs of the citizens of the Commonwealth and the risks involved in the development of the
 222 facility. After the first portion of the service life of the facility is concluded, the utility's general rate of
 223 return shall be applied to such facility for the remainder of its service life. As used herein, the service
 224 life of the facility shall be deemed to begin on the date the facility begins commercial operation, and
 225 such service life shall be deemed equal in years to the life of that facility as used to calculate the
 226 utility's depreciation expense. Such enhanced rate of return on common equity shall be calculated by
 227 adding the basis points specified in the table below to the utility's general rate of return, and such
 228 enhanced rate of return shall apply only to the facility that is the subject of such rate adjustment clause.
 229 No change shall be made to any Performance Incentive previously adopted by the Commission in
 230 implementing any rate of return under this subdivision. Allowance for funds used during construction
 231 shall be calculated for any such facility utilizing the utility's actual capital structure and overall cost of
 232 capital, including an enhanced rate of return on common equity as determined pursuant to this
 233 subdivision, until such construction work in progress is included in rates. The construction of any
 234 facility described in clause (i) is in the public interest, and in determining whether to approve such
 235 facility, the Commission shall liberally construe the provisions of this title. The basis points to be added
 236 to the utility's general rate of return to calculate the enhanced rate of return on common equity, and the
 237 first portion of that facility's service life to which such enhanced rate of return shall be applied, shall
 238 vary by type of facility, as specified in the following table:

239 Type of Generation Facility	Basis Points	First Portion of Service Life
240 Nuclear-powered	200	Between 12 and 25 years
241 Carbon capture compatible, 242 clean-coal powered	200	Between 10 and 20 years

Renewable powered	200	Between 5 and 15 years
Conventional coal or combined-		
cycle combustion turbine	100	Between 10 and 20 years

Generation facilities described in clause (ii) that utilize simple-cycle combustion turbines shall not receive an enhanced rate of return on common equity as described herein, but instead shall receive the utility's general rate of return during the construction phase of the facility and, thereafter, for the entire service life of the facility.

For purposes of this subdivision, "general rate of return" means the fair combined rate of return on common equity as it is determined by the Commission from time to time for such utility pursuant to subdivision 2. In any proceeding under this subdivision conducted prior to the conclusion of the first biennial review for such utility, the Commission shall determine a general rate of return for such utility in the same manner as it would in a biennial review proceeding.

Notwithstanding any other provision of this subdivision, if the Commission finds during the biennial review conducted for a Phase II utility in 2018 that such utility has not filed applications for all necessary federal and state regulatory approvals to construct one or more nuclear-powered or coal-fueled generation facilities that would add a total capacity of at least 1500 megawatts to the amount of the utility's generating resources as such resources existed on July 1, 2007, or that, if all such approvals have been received, that the utility has not made reasonable and good faith efforts to construct one or more such facilities that will provide such additional total capacity within a reasonable time after obtaining such approvals, then the Commission, if it finds it in the public interest, may reduce on a prospective basis any enhanced rate of return on common equity previously applied to any such facility to no less than the general rate of return for such utility and may apply no less than the utility's general rate of return to any such facility for which the utility seeks approval in the future under this subdivision.

7. Any petition filed pursuant to subdivision 4, 5 or 6 shall be considered by the Commission on a stand-alone basis without regard to the other costs, revenues, investments, or earnings of the utility. Any costs incurred by a utility prior to the filing of such petition, or during the consideration thereof by the Commission, that are proposed for recovery in such petition and that are related to clause (a) of subdivision 5, or that are related to facilities and projects described in clause (i) of subdivision 6, shall be deferred on the books and records of the utility until the Commission's final order in the matter, or until the implementation of any applicable approved rate adjustment clauses, whichever is later. Any costs prudently incurred on or after July 1, 2007, by a utility prior to the filing of such petition, or during the consideration thereof by the Commission, that are proposed for recovery in such petition and that are related to facilities and projects described in clause (ii) of subdivision 6 that utilize nuclear power, or coal-fueled facilities and projects described in clause (ii) of subdivision 6 if such coal-fueled facilities will be built by a Phase I Utility, shall be deferred on the books and records of the utility until the Commission's final order in the matter, or until the implementation of any applicable approved rate adjustment clauses, whichever is later. Any costs prudently incurred after the expiration or termination of capped rates related to other matters described in subdivisions 4, 5 or 6 shall be deferred beginning only upon the expiration or termination of capped rates, provided, however, that no provision of this act shall affect the rights of any parties with respect to the rulings of the Federal Energy Regulatory Commission in PJM Interconnection LLC and Virginia Electric and Power Company, 109 F.E.R.C. P 61,012 (2004). The Commission's final order regarding any petition filed pursuant to subdivision 4, 5 or 6 shall be entered not more than three months, eight months, and nine months, respectively, after the date of filing of such petition. If such petition is approved, the order shall direct that the applicable rate adjustment clause be applied to customers' bills not more than 60 days after the date of the order, or upon the expiration or termination of capped rates, whichever is later.

8. If the Commission determines as a result of such biennial review that:

(i) The utility has, during the test period or periods under review, considered as a whole, earned more than 50 basis points below a fair combined rate of return on both its generation and distribution services, as determined in subdivision 2, without regard to any return on common equity or other matters determined with respect to facilities described in subdivision 6, the Commission shall order increases to the utility's rates necessary to provide the opportunity to fully recover the costs of providing the utility's services and to earn not less than such fair combined rate of return, using the most recently ended 12-month test period as the basis for determining the amount of the rate increase necessary. However, the Commission may not order such rate increase unless it finds that the resulting rates will provide the utility with the opportunity to fully recover its costs of providing its services and to earn not less than a fair combined rate of return on both its generation and distribution services, as determined in subdivision 2, without regard to any return on common equity or other matters determined with respect to facilities described in subdivision 6, using the most recently ended 12-month test period as the basis for determining the permissibility of any rate increase under the standards of this sentence, and the

305 amount thereof;

306 (ii) The utility has, during the test period or test periods under review, considered as a whole, earned
307 more than 50 basis points above a fair combined rate of return on both its generation and distribution
308 services, as determined in subdivision 2, without regard to any return on common equity or other
309 matters determined with respect to facilities described in subdivision 6, the Commission shall, subject to
310 the provisions of subdivision 9, direct that 60 percent of the amount of such earnings that were more
311 than 50 basis points above such fair combined rate of return for the test period or periods under review,
312 considered as a whole, shall be credited to customers' bills. Any such credits shall be amortized over a
313 period of six to 12 months, as determined at the discretion of the Commission, following the effective
314 date of the Commission's order, and shall be allocated among customer classes such that the relationship
315 between the specific customer class rates of return to the overall target rate of return will have the same
316 relationship as the last approved allocation of revenues used to design base rates; or

317 (iii) Such biennial review is the second consecutive biennial review in which the utility has, during
318 the test period or test periods under review, considered as a whole, earned more than 50 basis points
319 above a fair combined rate of return on both its generation and distribution services, as determined in
320 subdivision 2, without regard to any return on common equity or other matter determined with respect
321 to facilities described in subdivision 6, the Commission shall, subject to the provisions of subdivision 9
322 and in addition to the actions authorized in clause (ii) of this subdivision, also order reductions to the
323 utility's rates it finds appropriate. However, the Commission may not order such rate reduction unless it
324 finds that the resulting rates will provide the utility with the opportunity to fully recover its costs of
325 providing its services and to earn not less than a fair combined rate of return on both its generation and
326 distribution services, as determined in subdivision 2, without regard to any return on common equity or
327 other matters determined with respect to facilities described in subdivision 6, using the most recently
328 ended 12-month test period as the basis for determining the permissibility of any rate reduction under
329 the standards of this sentence, and the amount thereof.

330 The Commission's final order regarding such biennial review shall be entered not more than nine
331 months after the end of the test period, and any revisions in rates or credits so ordered shall take effect
332 not more than 60 days after the date of the order.

333 9. If, as a result of a biennial review required under this subsection and conducted with respect to
334 any test period or periods under review ending later than December 31, 2010 (or, if the Commission has
335 elected to stagger its biennial reviews of utilities as provided in subdivision 1, under review ending later
336 than December 31, 2010, for a Phase I Utility, or December 31, 2011, for a Phase II Utility), the
337 Commission finds, with respect to such test period or periods considered as a whole, that (i) any utility
338 has, during the test period or periods under review, considered as a whole, earned more than 50 basis
339 points above a fair combined rate of return on both its generation and distribution services, as
340 determined in subdivision 2, without regard to any return on common equity or other matters determined
341 with respect to facilities described in subdivision 6, and (ii) the total aggregate regulated rates of such
342 utility at the end of the most recently-ended 12-month test period exceeded the annual increases in the
343 United States Average Consumer Price Index for all items, all urban consumers (CPI-U), as published
344 by the Bureau of Labor Statistics of the United States Department of Labor, compounded annually,
345 when compared to the total aggregate regulated rates of such utility as determined pursuant to the
346 biennial review conducted for the base period, the Commission shall, unless it finds that such action is
347 not in the public interest or that the provisions of clauses (ii) and (iii) of subdivision 8 are more
348 consistent with the public interest, direct that any or all earnings for such test period or periods under
349 review, considered as a whole that were more than 50 basis points above such fair combined rate of
350 return shall be credited to customers' bills, in lieu of the provisions of clauses (ii) and (iii) of
351 subdivision 8. Any such credits shall be amortized and allocated among customer classes in the manner
352 provided by clause (ii) of subdivision 8. For purposes of this subdivision:

353 "Base period" means (i) the test period ending December 31, 2010 (or, if the Commission has elected
354 to stagger its biennial reviews of utilities as provided in subdivision 1, the test period ending December
355 31, 2010, for a Phase I Utility, or December 31, 2011, for a Phase II Utility), or (ii) the most recent test
356 period with respect to which credits have been applied to customers' bills under the provisions of this
357 subdivision, whichever is later.

358 "Total aggregate regulated rates" shall include: (i) fuel tariffs approved pursuant to § 56-249.6, except
359 for any increases in fuel tariffs deferred by the Commission for recovery in periods after December 31,
360 2010, pursuant to the provisions of clause (ii) of subsection C of § 56-249.6; (ii) rate adjustment clauses
361 implemented pursuant to subdivision 4 or 5; (iii) revisions to the utility's rates pursuant to clause (i) of
362 subdivision 8; (iv) revisions to the utility's rates pursuant to the Commission's rules governing utility rate
363 increase applications (20 VAC 5-200-30), as permitted by subsection B, occurring after July 1, 2009;
364 and (v) base rates in effect as of July 1, 2009.

365 10. For purposes of this section, the Commission shall regulate the rates, terms and conditions of any
366 utility subject to this section on a stand-alone basis utilizing the actual end-of-test period capital

structure and cost of capital of such utility, unless the Commission finds that the debt to equity ratio of such capital structure is unreasonable for such utility, in which case the Commission may utilize a debt to equity ratio that it finds to be reasonable for such utility in determining any rate adjustment pursuant to clauses (i) and (iii) of subdivision 8, and without regard to the cost of capital, capital structure, revenues, expenses or investments of any other entity with which such utility may be affiliated. In particular, and without limitation, the Commission shall determine the federal and state income tax costs for any such utility that is part of a publicly traded, consolidated group as follows: (i) such utility's apportioned state income tax costs shall be calculated according to the applicable statutory rate, as if the utility had not filed a consolidated return with its affiliates, and (ii) such utility's federal income tax costs shall be calculated according to the applicable federal income tax rate and shall exclude any consolidated tax liability or benefit adjustments originating from any taxable income or loss of its affiliates.

B. Nothing in this section shall preclude an investor-owned incumbent electric utility from applying for an increase in rates pursuant to § 56-245 or the Commission's rules governing utility rate increase applications (20 VAC 5-200-30); however, in any such filing, a fair rate of return on common equity shall be determined pursuant to subdivision 2. Nothing in this section shall preclude such utility's recovery of fuel and purchased power costs as provided in § 56-249.6.

C. Except as otherwise provided in this section, the Commission shall exercise authority over the rates, terms and conditions of investor-owned incumbent electric utilities for the provision of generation, transmission and distribution services to retail customers in the Commonwealth pursuant to the provisions of Chapter 10 (§ 56-232 et seq.) of this title, including specifically § 56-235.2.

D. Nothing in this section shall preclude the Commission from determining, during any proceeding authorized or required by this section, the reasonableness or prudence of any cost incurred or projected to be incurred, by a utility in connection with the subject of the proceeding. A determination of the Commission regarding the reasonableness or prudence of any such cost shall be consistent with the Commission's authority to determine the reasonableness or prudence of costs in proceedings pursuant to the provisions of Chapter 10 (§ 56-232 et seq.) of this title.

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

CHAPTER 24.

ELECTRIC UTILITY INTEGRATED RESOURCE PLANNING.

§ 56-597. Definitions.

As used in this chapter:

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

"Electric utility" means any investor-owned public utility that provides electric energy for use by retail customers.

"Integrated resource plan" or "IRP" means a document developed by an electric utility that provides a forecast of its load obligations and a plan to meet those obligations by supply side and demand side resources over the ensuing 15 years to promote reasonable prices, reliable service, energy independence, and environmental responsibility.

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

§ 56-598. Contents of integrated resource plans.

An IRP should:

1. Integrate, over the planning period, the electric utility's forecast of demand for electric generation supply with recommended plans to meet that forecasted demand and assure adequate and sufficient reliability of service, including, but not limited to:

a. Generating electricity from generation facilities that it currently operates or intends to construct or purchase;

b. Purchasing electricity from affiliates and third parties; and

c. Reducing load growth and peak demand growth through cost-effective demand reduction programs;

2. Identify a portfolio of electric generation supply resources, including purchased and self-generated electric power, that:

a. Consistent with § 56-585.1, is most likely to provide the electric generation supply needed to meet the forecasted demand, net of any reductions from demand side programs, so that the utility will continue to provide reliable service at reasonable prices over the long term; and

b. Will consider low cost energy/capacity available from short-term or spot market transactions, consistent with a reasonable assessment of risk with respect to both price and generation supply availability over the term of the plan;

428 3. *Reflect a diversity of electric generation supply and cost-effective demand reduction contracts and*
429 *services so as to reduce the risks associated with an over-reliance on any particular fuel or type of*
430 *generation demand and supply resources and be consistent with the Commonwealth's energy policies as*
431 *set forth in § 67-102; and*

432 4. *Include such additional information as the Commission requests pertaining to how the electric*
433 *utility intends to meet its obligation to provide electric generation service for use by its retail*
434 *customers over the planning period.*

435 § 56-599. *Integrated resource plan required.*

436 A. *Not later than December 31, 2008, the Commission shall order each electric utility to develop an*
437 *integrated resource plan. The order may establish guidelines for developing an IRP.*

438 B. *By September 1, 2009, each electric utility shall file an initial integrated resource plan with the*
439 *Commission, which plan shall comply with the provisions of the order of the Commission issued*
440 *pursuant to subsection A.*

441 C. *Each electric utility shall file an updated integrated resource plan at least every two years*
442 *thereafter, which plan shall comply with the provisions of any relevant order of the Commission*
443 *establishing guidelines for the format and contents of updated and revised integrated resource plans.*

444 D. *In preparing an integrated resource plan, each electric utility shall systematically evaluate, and*
445 *may propose:*

446 1. *Entering into short-term and long-term electric power purchase contracts;*

447 2. *Owning and operating electric power generation facilities;*

448 3. *Building new generation facilities;*

449 4. *Relying on purchases from the short term or spot markets;*

450 5. *Making investments in demand-side resources, including energy efficiency and demand-side*
451 *management services;*

452 6. *Taking such other actions, as the Commission may approve, to diversify its generation supply*
453 *portfolio and ensure that the electric utility is able to implement an approved plan; and*

454 7. *The methods by which the electric utility proposes to acquire the supply and demand resources*
455 *identified in its proposed integrated resource plan.*

456 E. *The Commission shall analyze and review an integrated resource plan and, after giving notice*
457 *and opportunity to be heard, the Commission shall make a determination as to whether an IRP is*
458 *reasonable and is in the public interest.*

459 2. **That as part of its 2009 integrated resource plan developed pursuant to this act, each electric**
460 **utility shall assess governmental, nonprofit, and utility programs in its service territory to assist**
461 **low income residential customers with energy costs and shall examine, in cooperation with relevant**
462 **governmental, nonprofit, and private sector stakeholders, options for making any needed changes**
463 **to such programs.**

464 3. **That a copy of each electric utility's integrated resource plan filed with the State Corporation**
465 **Commission in 2009 pursuant to this act shall also be provided to the chairmen of the House**
466 **Committee on Commerce and Labor, the Senate Committee on Commerce and Labor, and the**
467 **Commission on Electric Utilities Restructuring.**