## 2006 SESSION

#### REENROLLED

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#### VIRGINIA ACTS OF ASSEMBLY - CHAPTER

2 An Act to amend and reenact §§ 2.2-1132, 23-135.7:6, 45.1-390, 56-249.6, 58.1-322, and 58.1-3660 of the Code of Virginia and to amend the Code of Virginia by adding a title numbered 67, consisting of 3 a chapter numbered 1, consisting of sections numbered 67-100, 67-101, and 67-102; a chapter 4 5 numbered 2, consisting of sections numbered 67-200 through 67-203; a chapter numbered 3, 6 consisting of a section numbered 67-300; a chapter numbered 4, consisting of sections numbered 7 67-400 through 67-403; a chapter numbered 5, consisting of sections numbered 67-500 and 67-501; 8 a chapter numbered 6, consisting of sections numbered 67-600 through 67-604; a chapter numbered 9 7, consisting of sections numbered 67-700 and 67-701; a chapter numbered 8, consisting of sections 10 numbered 67-800 and 67-801; a chapter numbered 9, consisting of sections numbered 67-900 through 67-903; and a chapter numbered 10, consisting of sections numbered 67-1000 through 11 12 67-1003, relating to energy policy; offshore gas and oil resource development; grants for purchasing, 13 producing or using clean and efficient energy; recovery of fuel and purchased power costs under utility rate caps; income tax credits for purchases of certain energy-efficient appliances and 14 15 equipment; exempting certain certified pollution control equipment and facilities from local property 16 taxation; clean coal projects; energy efficiency in state buildings; use of biodiesel fuel in public 17 transportation vehicles; covenants restricting the use of solar energy collection devices; motor 18 vehicle fuel efficiency standards; and the establishment of a coastal energy research center, all of 19 which comprise components of the Virginia Energy Plan.

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### Approved

22 Be it enacted by the General Assembly of Virginia:

23 1. That §§ 2.2-1132, 23-135.7:6, 45.1-390, 56-249.6, 58.1-322, and 58.1-3660 of the Code of Virginia 24 are amended and reenacted and that the Code of Virginia is amended by adding a title numbered 67, consisting of a chapter numbered 1, consisting of sections numbered 67-100, 67-101, and 25 26 67-102; a chapter numbered 2, consisting of sections numbered 67-200 through 67-203; a chapter 27 numbered 3, consisting of a section numbered 67-300; a chapter numbered 4, consisting of sections 28 numbered 67-400 through 67-403; a chapter numbered 5, consisting of sections numbered 67-500 29 and 67-501; a chapter numbered 6, consisting of sections numbered 67-600 through 67-604; a chapter numbered 7, consisting of sections numbered 67-700 and 67-701; a chapter numbered 8, 30 31 consisting of sections numbered 67-800 and 67-801; a chapter numbered 9, consisting of sections 32 numbered 67-900 through 67-903; and a chapter numbered 10, consisting of sections numbered 33 67-1000 through 67-1003, as follows:

34 § 2.2-1132. Administration of capital outlay construction; exception for certain educational
 35 institutions.

A. The Division shall provide assistance in the administration of capital outlay construction projects set forth in the appropriation act, other than highway construction undertaken by the Department of Transportation and the acquisition or improvement of specialized cargo-handling equipment and related port infrastructure including, but not limited to, port construction, renovation, and demolition that is required in a timely manner to meet market demands to enhance commerce through the Virginia Port Authority, the review and approval of plans and specifications, and acceptance of completed projects.

42 B. The Division may establish standards, as needed, for construction by the Commonwealth and may, 43 with the advice of the Attorney General, establish standard contract provisions and procedures for the procurement and administration of construction and for the procurement and administration of 44 45 architectural and engineering services relating to construction, which shall be used by all departments, agencies and institutions of the Commonwealth. All departments, agencies and institutions of the 46 Commonwealth shall ensure that the design and construction of state-owned buildings comply with the 47 standards governing energy use and efficiency established by the Division. The standards may provide 48 49 for incentive contracting that offers a contractor whose bid is accepted the opportunity to share in any 50 cost savings realized by the Commonwealth when project costs are reduced by the contractor, without affecting project quality, during construction of the project. The fee, if any, charged by the project 51 engineer or architect for determining the cost savings shall be paid as a separate cost and shall not be 52 53 calculated as part of any cost savings.

54 C. Notwithstanding any standards established by the Division or law to the contrary except as 55 provided in this subsection, any public institution of higher education that has in effect a signed 56 memorandum of understanding with the Secretary of Administration regarding participation in the

[S 262]

57 nongeneral fund decentralization program as set forth in the appropriation act may enter into contracts 58 for specific construction projects without the preliminary review and approval of the Division, provided 59 such institutions are in compliance with the requirements of the Virginia Public Procurement Act 60 (§ 2.2-4300 et seq.) and utilize the general terms and conditions for those forms of procurement 61 approved by the Division and the Office of the Attorney General. The authority granted in this 62 subsection shall only become effective if the institution meets the conditions prescribed in subsection B of § 23-38.88. The Secretary of Administration shall establish guidelines to assist institutions in 63 64 evaluating alternative project delivery methods prior to entering into a contract. For projects constructed pursuant to this subsection, the responsibility of the Division of Engineering and Buildings shall be as 65 66 set forth in subsection C of § 36-98.1.

67 For purposes of this section, "construction" shall include new construction, reconstruction, renovation, 68 restoration, major repair, demolition and all similar work upon buildings and ancillary facilities owned or to be acquired by the Commonwealth. It shall not include buildings or other facilities ancillary to the 69 70 use of state highways that are located within the right-of-way of any state highway, or assets for use by the Virginia Port Authority within the boundaries of property owned or leased by the Virginia Port 71 72 Authority.

- 73 § 23-135.7:6. Powers and duties of Center. 74
  - The Center, under the direction of the executive director, shall have the following powers and duties:
- 1. To develop a degree program in energy production and conservation research at the master's level 75 76 in conjunction with the State Council on Higher Education;
- 77 2. To develop and provide programs of continuing education and in-service training for persons who 78 work in the field of coal or other energy research, development or production;
- 79 3. To operate in conjunction with other departments of Virginia Polytechnic Institute and State 80 University, including but not limited to the Department of Mining Engineering;
- 4. To conduct research in the fields of coal, coal utilization, migrating natural gases such as methane 81 82 and propane, and other energy related work; 83
  - 5. To collect and maintain data on energy production, development and utilization;
  - 6. To foster the utilization of research information, discoveries and data;
- 85 7. To coordinate the functions of the Center with the energy research facilities to prevent duplication 86 of effort;
- 87 8. To apply for and accept grants from the United States government and the state government and 88 agencies and instrumentalities thereof and from any other source in carrying out the purposes of this 89 article. To these ends, the Center shall have the power to comply with conditions and execute such 90 agreements as may be necessary;
- 91 9. To accept gifts, bequests, and any other thing of value to be used for carrying out the purposes of 92 this article;
- 93 10. To receive, administer and expend all funds and other assistance made available to the Center for 94 the purposes of carrying out this article; and
- 95 11. To consult with the Division of Energy of the Department of Mines, Minerals and Energy in the 96 preparation of the Virginia Energy Plan pursuant to § 67-201; and
- 97 12. To do all things necessary or convenient for the proper administration of this article.
- 98 § 45.1-390. Division of Energy established; findings and policy; powers and duties.
- 99 The General Assembly finds that because energy-related issues continually confront the Commonwealth, and many separate agencies are involved in providing energy programs and services, 100 there exists a need for a state organization responsible for coordinating Virginia's energy programs and 101 102 ensuring Virginia's commitment to the development of renewable and indigenous energy sources, as well as the efficient use of traditional energy resources. In accordance with this need, the Division of Energy 103 104 is created in the Department of Mines, Minerals and Energy. The Director shall have the immediate 105 authority to coordinate development and implementation of energy policy in Virginia.
- 106 The Division shall coordinate the energy-related activities of the various state agencies and advise the 107 Governor on energy issues that arise at the local, state and national levels. All state agencies and 108 institutions shall cooperate fully with the Division to assist in the proper execution of the duties assigned 109 by this section.
- 110 In addition, the Division is authorized to make and enter into all contracts and agreements necessary 111 or incidental to the performance of its duties or the execution of its powers, including the 112 implementation of energy information and conservation plans and programs. 113
  - The Division shall:

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- 114 1. Consult with any or all state agencies and institutions concerning energy-related activities or 115 policies as needed for the proper execution of the duties assigned to the Division by this section;
- 2. Maintain liaison with appropriate agencies of the federal government on the activities of the 116 federal government related to energy production, consumption, transportation and energy resource 117

**118** management in general-;

academic institutions, state and local governments and private institutions to develop energy conservation
 programs and energy resources; and

4. In consultation with the State Corporation Commission, the Department of Environmental Quality,
and the Center for Coal and Energy Research, prepare the Virginia Energy Plan pursuant to § 67-201;
and

125 5. Observe the energy-related activities of state agencies and advise these agencies in order to126 encourage conformity with established energy policy.

127 § 56-249.6. Recovery of fuel and purchased power costs.

A. 1. Each electric utility that purchases fuel for the generation of electricity or purchases power and that was not, as of July 1, 1999, bound by a rate case settlement adopted by the Commission that extended in its application beyond January 1, 2002, shall submit to the Commission its estimate of fuel costs, including the cost of purchased power, for the 12-month period beginning on the date prescribed by the Commission. Upon investigation of such estimates and hearings in accordance with law, the Commission shall direct each company to place in effect tariff provisions designed to recover the fuel costs determined by the Commission to be appropriate for that period, adjusted for any over-recovery or under-recovery of fuel costs previously incurred.

136 2. The Commission shall continuously review fuel costs and if it finds that any utility described in
137 subdivision A 1 is in an over-recovery position by more than five percent, or likely to be so, it may
138 reduce the fuel cost tariffs to correct the over-recovery.

B. All fuel costs recovery tariff provisions in effect on January 1, 2004, for any electric utility that
purchases fuel for the generation of electricity and that was, as of July 1, 1999, bound by a rate case
settlement adopted by the Commission that extended in its application beyond January 1, 2002, shall
remain in effect until the earlier of (i) July 1, 2007; (ii) the termination of capped rates pursuant to the
provisions of subsection C of § 56-582; or (iii) the establishment of tariff provisions under subsection C.
Any such utility shall continue to report to the Commission annually its actual fuel costs, including the
cost of purchased power until July 1, 2007.

146 C. Unless Until the capped rates for such utility expire or are terminated pursuant to the provisions 147 of subsection C of § 56-582 prior to July 1, 2007, the Commission shall direct, each electric utility 148 described in subsection B to shall submit annually to the Commission its estimate of fuel costs, 149 including the cost of purchased power, for the 42-month period successive 12-month periods beginning 150 July 1, 2007, and ending December 31, 2010 on July 1, 2007, 2008, and 2009, and the six-month period 151 beginning July 1, 2010. Upon investigation of such estimate estimates and hearing hearings in 152 accordance with law, the Commission shall direct each such utility to place in effect tariff provisions 153 designed to recover the fuel costs determined by the Commission to be appropriate for such period 154 *periods*, without adjustment adjusted for any over-recovery or under-recovery of fuel costs previously incurred; however, (i) no such adjustment for any over-recovery or under-recovery of fuel costs 155 previously incurred shall be made for any period prior to July 1, 2007, and (ii) the Commission may 156 157 order that up to 40% of any increase in fuel tariffs determined by the Commission to be appropriate for 158 the 12-month period beginning July 1, 2007, above the fuel tariffs previously existing, shall be deferred 159 and recovered during the period from July 1, 2008, through December 31, 2010. Such tariff provisions shall remain in effect until the capped rates for such utility expire or are terminated pursuant to the 160 161 provisions of § 56-582.

162 D. 1. In proceedings under subsections A and C, the Commission may, to the extent deemed
 163 appropriate, offset against fuel costs and purchased power costs to be recovered the revenues attributable
 164 to sales of power pursuant to interconnection agreements with neighboring electric utilities.

165 2. In proceedings under subsections A and C, the Commission shall disallow recovery of any fuel 166 costs that it finds without just cause to be the result of failure of the utility to make every reasonable 167 effort to minimize fuel costs or any decision of the utility resulting in unreasonable fuel costs, giving 168 due regard to reliability of service and the need to maintain reliable sources of supply, economical 169 generation mix, generating experience of comparable facilities, and minimization of the total cost of 170 providing service.

171 3. The Commission is authorized to promulgate, in accordance with the provisions of this section, all
172 rules and regulations necessary to allow the recovery by electric utilities of all of their prudently
173 incurred fuel costs under subsections A and C, including the cost of purchased power, as precisely and
174 promptly as possible, with no over-recovery or under-recovery, except as provided in subsection C, in a
175 manner that will tend to assure public confidence and minimize abrupt changes in charges to consumers.

176 The Commission may, however, dispense with the procedures set forth above for any electric utility 177 if it finds, after notice and hearing, that the electric utility's fuel costs can be reasonably recovered 178 through the rates and charges investigated and established in accordance with other sections of this 179 chapter.

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180 § 58.1-322. Virginia taxable income of residents.

181 A. The Virginia taxable income of a resident individual means his federal adjusted gross income for 182 the taxable year, which excludes combat pay for certain members of the Armed Forces of the United 183 States as provided in § 112 of the Internal Revenue Code, as amended, and with the modifications 184 specified in this section.

B. To the extent excluded from federal adjusted gross income, there shall be added:

186 1. Interest, less related expenses to the extent not deducted in determining federal income, on 187 obligations of any state other than Virginia, or of a political subdivision of any such other state unless 188 created by compact or agreement to which Virginia is a party;

189 2. Interest or dividends, less related expenses to the extent not deducted in determining federal 190 taxable income, on obligations or securities of any authority, commission or instrumentality of the 191 United States, which the laws of the United States exempt from federal income tax but not from state 192 income taxes; 193

3. Unrelated business taxable income as defined by § 512 of the Internal Revenue Code;

194 4. The amount of a lump sum distribution from a qualified retirement plan, less the minimum 195 distribution allowance and any amount excludable for federal income tax purposes that is excluded from 196 federal adjusted gross income solely by virtue of an individual's election to use the averaging provisions 197 under § 402 of the Internal Revenue Code; and

198 5. through 8. [Repealed.]

199 9. The amount required to be included in income for the purpose of computing the partial tax on an 200 accumulation distribution pursuant to § 667 of the Internal Revenue Code. 201

C. To the extent included in federal adjusted gross income, there shall be subtracted:

202 1. Income derived from obligations, or on the sale or exchange of obligations, of the United States 203 and on obligations or securities of any authority, commission or instrumentality of the United States to the extent exempt from state income taxes under the laws of the United States including, but not limited 204 205 to, stocks, bonds, treasury bills, and treasury notes, but not including interest on refunds of federal taxes, 206 interest on equipment purchase contracts, or interest on other normal business transactions.

207 2. Income derived from obligations, or on the sale or exchange of obligations of this Commonwealth 208 or of any political subdivision or instrumentality of the Commonwealth.

3. [Repealed.]

210 4. Benefits received under Title II of the Social Security Act and other benefits subject to federal 211 income taxation solely pursuant to § 86 of the Internal Revenue Code.

212 4a. Through December 31, 2000, the same amount used in computing the federal credit allowed 213 under § 22 of the Internal Revenue Code by a retiree under age 65 who qualified for such retirement on 214 the basis of permanent and total disability and who is a qualified individual as defined in § 22 (b) (2) of the Internal Revenue Code; however, any person who claims a deduction under subdivision 5 of 215 216 subsection D of this section may not also claim a subtraction under this subdivision.

4b. For taxable years beginning on or after January 1, 2001, up to \$20,000 of disability income, as 217 218 defined in § 22 (c) (2) (B) (iii) of the Internal Revenue Code; however, any person who claims a 219 deduction under subdivision 5 of subsection D of this section may not also claim a subtraction under 220 this subdivision.

221 5. The amount of any refund or credit for overpayment of income taxes imposed by the 222 Commonwealth or any other taxing jurisdiction.

223 6. The amount of wages or salaries eligible for the federal Targeted Jobs Credit which was not 224 deducted for federal purposes on account of the provisions of § 280C (a) of the Internal Revenue Code. 225

7, 8. [Repealed.]

9. [Expired.]

227 10. Any amount included therein less than \$600 from a prize awarded by the State Lottery 228 Department.

229 11. The wages or salaries received by any person for active and inactive service in the National 230 Guard of the Commonwealth of Virginia, not to exceed the amount of income derived from 39 calendar 231 days of such service or \$3,000, whichever amount is less; however, only those persons in the ranks of O3 and below shall be entitled to the deductions specified herein. 232

233 12. Amounts received by an individual, not to exceed \$1,000 in any taxable year, as a reward for 234 information provided to a law-enforcement official or agency, or to a nonprofit corporation created 235 exclusively to assist such law-enforcement official or agency, in the apprehension and conviction of 236 perpetrators of crimes. This provision shall not apply to the following: an individual who is an employee 237 of, or under contract with, a law-enforcement agency, a victim or the perpetrator of the crime for which 238 the reward was paid, or any person who is compensated for the investigation of crimes or accidents.

239 13. [Repealed.] 240 14. [Expired.]

241 15, 16. [Repealed.]

242 17. For taxable years beginning on and after January 1, 1995, the amount of "qualified research 243 expenses" or "basic research expenses" eligible for deduction for federal purposes, but which were not 244 deducted, on account of the provisions of § 280C (c) of the Internal Revenue Code and which shall be 245 available to partners, shareholders of S corporations, and members of limited liability companies to the 246 extent and in the same manner as other deductions may pass through to such partners, shareholders, and 247 members.

18. For taxable years beginning on or after January 1, 1995, all military pay and allowances, not 248 249 otherwise subtracted under this subsection, earned for any month during any part of which such member 250 performed military service in any part of the former Yugoslavia, including the air space above such 251 location or any waters subject to related naval operations, in support of Operation JOINT ENDEAVOR 252 as part of the NATO Peace Keeping Force. Such subtraction shall be available until the taxpayer 253 completes such service.

254 19. For taxable years beginning on and after January 1, 1996, any income received during the taxable year derived from a qualified pension, profit-sharing, or stock bonus plan as described by § 401 of the 255 256 Internal Revenue Code, an individual retirement account or annuity established under § 408 of the 257 Internal Revenue Code, a deferred compensation plan as defined by § 457 of the Internal Revenue Code, 258 or any federal government retirement program, the contributions to which were deductible from the 259 taxpayer's federal adjusted gross income, but only to the extent the contributions to such plan or 260 program were subject to taxation under the income tax in another state.

261 20. For taxable years beginning on and after January 1, 1997, any income attributable to a 262 distribution of benefits or a refund from a prepaid tuition contract or savings trust account with the Virginia College Savings Plan, created pursuant to Chapter 4.9 (§ 23-38.75 et seq.) of Title 23. The 263 264 subtraction for any income attributable to a refund shall be limited to income attributable to a refund in 265 the event of a beneficiary's death, disability, or receipt of a scholarship.

266 21. For taxable years beginning on or after January 1, 1998, all military pay and allowances, to the extent included in federal adjusted gross income and not otherwise subtracted, deducted or exempted 267 268 under this section, earned by military personnel while serving by order of the President of the United 269 States with the consent of Congress in a combat zone or qualified hazardous duty area which is treated 270 as a combat zone for federal tax purposes pursuant to § 112 of the Internal Revenue Code.

271 22. For taxable years beginning on or after January 1, 2000, the gain derived from the sale or 272 exchange of real property or the sale or exchange of an easement to real property which results in the 273 real property or the easement thereto being devoted to open-space use, as that term is defined in 274 § 58.1-3230, for a period of time not less than 30 years. To the extent a subtraction is taken in 275 accordance with this subdivision, no tax credit under this chapter for donating land for its preservation 276 shall be allowed for three years following the year in which the subtraction is taken.

277 23. Effective for all taxable years beginning on or after January 1, 2000, \$15,000 of military basic 278 pay for military service personnel on extended active duty for periods in excess of 90 days; however, 279 the subtraction amount shall be reduced dollar-for-dollar by the amount which the taxpayer's military 280 basic pay exceeds \$15,000 and shall be reduced to zero if such military basic pay amount is equal to or 281 exceeds \$30,000.

282 24. Effective for all taxable years beginning on and after January 1, 2000, the first \$15,000 of salary 283 for each federal and state employee whose total annual salary from all employment for the taxable year 284 is \$15,000 or less. 285

25. Unemployment benefits taxable pursuant to § 85 of the Internal Revenue Code.

286 26. For taxable years beginning on and after January 1, 2001, any amount received as military 287 retirement income by an individual awarded the Congressional Medal of Honor.

27. Effective for all taxable years beginning on and after January 1, 1999, income received as a result of (i) the "Master Settlement Agreement," as defined in § 3.1-1106; (ii) the National Tobacco 288 289 Grower Settlement Trust dated July 19, 1999; and (iii) the Tobacco Loss Assistance Program, pursuant to 7 C.F.R. Part 1464 (Subpart C, §§ 1464.201 through 1464.205), by (a) tobacco farmers; (b) any 290 291 292 person holding a tobacco marketing quota, or tobacco farm acreage allotment, under the Agricultural 293 Adjustment Act of 1938; or (c) any person having the right to grow tobacco pursuant to such a quota or 294 allotment, but only to the extent that such income has not been subtracted pursuant to subdivision C 18 295 of § 58.1-402.

296 28. For taxable years beginning on and after January 1, 2000, items of income attributable to, derived from or in any way related to (i) assets stolen from, hidden from or otherwise lost by an 297 298 individual who was a victim or target of Nazi persecution or (ii) damages, reparations, or other 299 consideration received by a victim or target of Nazi persecution to compensate such individual for 300 performing labor against his will under the threat of death, during World War II and its prelude and

301 direct aftermath. This subtraction shall not apply to assets acquired with such items of income or with 302 the proceeds from the sale of assets stolen from, hidden from or otherwise lost to, during World War II 303 and its prelude and direct aftermath, a victim or target of Nazi persecution. The provisions of this 304 subdivision shall only apply to an individual who was the first recipient of such items of income and 305 who was a victim or target of Nazi persecution, or a spouse, widow, widower, or child or stepchild of 306 such victim.

307 "Victim or target of Nazi persecution" means any individual persecuted or targeted for persecution by 308 the Nazi regime who had assets stolen from, hidden from or otherwise lost as a result of any act or 309 omission in any way relating to (i) the Holocaust; (ii) World War II and its prelude and direct 310 aftermath; (iii) transactions with or actions of the Nazi regime; (iv) treatment of refugees fleeing Nazi 311 persecution; or (v) the holding of such assets by entities or persons in the Swiss Confederation during 312 World War II and its prelude and aftermath. A victim or target of Nazi persecution shall also include any individual forced into labor against his will, under the threat of death, during World War II and its 313 prelude and direct aftermath. As used in this subdivision, "Nazi regime" means the country of Nazi 314 315 Germany, areas occupied by Nazi Germany, those European countries allied with Nazi Germany, or any 316 other neutral European country or area in Europe under the influence or threat of Nazi invasion.

29. For taxable years beginning on and after January 1, 2002, any gain recognized as a result of the
Peanut Quota Buyout Program of the Farm Security and Rural Investment Act of 2002 pursuant to 7
C.F.R. Part 1412 (Subpart H, §§ 1412.801 through 1412.811) as follows:

a. If the payment is received in installment payments pursuant to 7 C.F.R. § 1412.807(a) (2), then theentire gain recognized may be subtracted.

b. If the payment is received in a single payment pursuant to 7 C.F.R. § 1412.807(a) (3), then 20
percent of the recognized gain may be subtracted. The taxpayer may then deduct an equal amount in
each of the four succeeding taxable years.

325 30. Effective for all taxable years beginning on and after January 1, 2002, but before January 1,
326 2005, the indemnification payments received by contract poultry growers and table egg producers from
327 the U.S. Department of Agriculture as a result of the depopulation of poultry flocks because of low
328 pathogenic avian influenza in 2002. In no event shall indemnification payments made to owners of
329 poultry who contract with poultry growers qualify for this subtraction.

330 31. Effective for all taxable years beginning on or after January 1, 2001, the military death gratuity
331 payment made after September 11, 2001, to the survivor of deceased military personnel killed in the line
332 of duty, pursuant to Chapter 75 of Title 10 of the United States Code; however, the subtraction amount
333 shall be reduced dollar-for-dollar by the amount that the survivor may exclude from his federal gross
334 income in accordance with § 134 of the Internal Revenue Code.

335 D. In computing Virginia taxable income there shall be deducted from Virginia adjusted gross336 income as defined in § 58.1-321:

1. a. The amount allowable for itemized deductions for federal income tax purposes where the taxpayer has elected for the taxable year to itemize deductions on his federal return, but reduced by the amount of income taxes imposed by the Commonwealth or any other taxing jurisdiction and deducted on such federal return and increased by an amount which, when added to the amount deducted under \$ 170 of the Internal Revenue Code for mileage, results in a mileage deduction at the state level for such purposes at a rate of 18 cents per mile; or

343 b. Three thousand dollars for single individuals for taxable years beginning on and after January 1, 344 1989; \$5,000 for married persons (one-half of such amounts in the case of a married individual filing a 345 separate return) for taxable years beginning on and after January 1, 1989, but before January 1, 2005; 346 and \$6,000 for married persons (one-half of such amounts in the case of a married individual filing a 347 separate return) for taxable years beginning on and after January 1, 2005; provided that the taxpayer has 348 not itemized deductions for the taxable year on his federal income tax return. For purposes of this 349 section, any person who may be claimed as a dependent on another taxpayer's return for the taxable year 350 may compute the deduction only with respect to earned income.

351 2. a. A deduction in the amount of \$800 for taxable years beginning on and after January 1, 1988,
352 but before January 1, 2005, and \$900 for taxable years beginning on and after January 1, 2005, for each personal exemption allowable to the taxpayer for federal income tax purposes.

b. For taxable years beginning on and after January 1, 1987, each blind or aged taxpayer as defined
under § 63 (f) of the Internal Revenue Code shall be entitled to an additional personal exemption in the
amount of \$800.

357 The additional deduction for blind or aged taxpayers allowed under this subdivision shall be
allowable regardless of whether the taxpayer itemizes deductions for the taxable year for federal income
359 tax purposes.

360 3. A deduction equal to the amount of employment-related expenses upon which the federal credit is
 361 based under § 21 of the Internal Revenue Code for expenses for household and dependent care services

## 7 of 17

**362** necessary for gainful employment.

4. An additional \$1,000 deduction for each child residing for the entire taxable year in a home under
permanent foster care placement as defined in § 63.2-908, provided the taxpayer can also claim the child
as a personal exemption under § 151 of the Internal Revenue Code.

366 5. a. Effective for all taxable years beginning on or after January 1, 1996, but before January 1, 1967
367 2004, a deduction in the amount of \$12,000 for taxpayers age 65 or older, or \$6,000 for taxpayers age 62 through 64.

b. For taxable years beginning on and after January 1, 2004, a deduction in the amount of \$12,000for individuals born on or before January 1, 1939.

c. For taxable years beginning January 1, 2004, but before January 1, 2005, a deduction in the amount of \$6,000 for individuals born on or between January 2, 1940, and January 1, 1942.

d. For taxable years beginning January 1, 2005, but before January 1, 2006, a deduction in the amount of \$6,000 for individuals born on or between January 2, 1941, and January 1, 1942.

e. For taxable years beginning on and after January 1, 2004, a deduction in the amount of \$12,000
for individuals born after January 1, 1939, who have attained the age of 65. This deduction shall be
reduced by \$1 for every \$1 that the taxpayer's adjusted federal adjusted gross income exceeds \$50,000
for single taxpayers or \$75,000 for married taxpayers. For married taxpayers filing separately, the
deduction will be reduced by \$1 for every \$1 the total combined adjusted federal adjusted gross income
of both spouses exceeds \$75,000.

f. For the purposes of this subdivision, "adjusted federal adjusted gross income" means federal adjusted gross income minus any benefits received under Title II of the Social Security Act and other benefits subject to federal income taxation solely pursuant to § 86 of the Internal Revenue Code, as amended.

6. For taxable years beginning on and after January 1, 1997, the amount an individual pays as a fee
for an initial screening to become a possible bone marrow donor, if (i) the individual is not reimbursed
for such fee or (ii) the individual has not claimed a deduction for the payment of such fee on his federal
income tax return.

389 7. a. A deduction shall be allowed to the purchaser or contributor for the amount paid or contributed 390 during the taxable year for a prepaid tuition contract or savings trust account entered into with the 391 Virginia College Savings Plan, pursuant to Chapter 4.9 (§ 23-38.75 et seq.) of Title 23. Except as 392 provided in subdivision 7 c, the amount deducted on any individual income tax return in any taxable 393 year shall be limited to \$2,000 per prepaid tuition contract or savings trust account. No deduction shall 394 be allowed pursuant to this section if such payments or contributions are deducted on the purchaser's or 395 contributor's federal income tax return. If the purchase price or annual contribution to a savings trust 396 account exceeds \$2,000, the remainder may be carried forward and subtracted in future taxable years 397 until the purchase price or savings trust contribution has been fully deducted; however, except as 398 provided in subdivision 7 c, in no event shall the amount deducted in any taxable year exceed \$2,000 399 per contract or savings trust account. Notwithstanding the statute of limitations on assessments contained 400 in § 58.1-312, any deduction taken hereunder shall be subject to recapture in the taxable year or years in 401 which distributions or refunds are made for any reason other than (i) to pay qualified higher education 402 expenses, as defined in § 529 of the Internal Revenue Code or (ii) the beneficiary's death, disability, or receipt of a scholarship. For the purposes of this subdivision, the term "purchaser" or "contributor" 403 404 means the person shown as such on the records of the Virginia College Savings Plan as of December 31 405 of the taxable year. In the case of a transfer of ownership of a prepaid tuition contract or savings trust 406 account, the transferee shall succeed to the transferor's tax attributes associated with a prepaid tuition 407 contract or savings trust account, including, but not limited to, carryover and recapture of deductions.

b. The amount paid for a prepaid tuition contract during taxable years beginning on or after January
1, 1996, but before January 1, 1998, shall be deducted in taxable years beginning on or after January 1,
1998, and shall be subject to the limitations set out in subdivision 7 a.

411 c. A purchaser of a prepaid tuition contract or contributor to a savings trust account who has attained 412 age 70 shall not be subject to the limitation that the amount of the deduction not exceed \$2,000 per 413 prepaid tuition contract or savings trust account in any taxable year. Such taxpayer shall be allowed a 414 deduction for the full amount paid for the contract or contributed to a savings trust account, less any 415 amounts previously deducted. If a prepaid tuition contract was purchased by such taxpayer during taxable years beginning on or after January 1, 1996, but before January 1, 1998, such taxpayer may take 416 417 the deduction for the full amount paid during such years, less any amounts previously deducted with 418 respect to such payments, in taxable year 1999 or by filing an amended return for taxable year 1998.

8. For taxable years beginning on and after January 1, 2000, the total amount an individual actually
contributed in funds to the Virginia Public School Construction Grants Program and Fund, established in
Chapter 11.1 (§ 22.1-175.1 et seq.) of Title 22.1, provided the individual has not claimed a deduction for
such amount on his federal income tax return.

423 9. For taxable years beginning on and after January 1, 1999, an amount equal to 20 percent of the 424 tuition costs incurred by an individual employed as a primary or secondary school teacher licensed 425 pursuant to Chapter 15 (§ 22.1-289.1 et seq.) of Title 22.1 to attend continuing teacher education courses 426 that are required as a condition of employment; however, the deduction provided by this subsection shall 427 be available only if (i) the individual is not reimbursed for such tuition costs and (ii) the individual has 428 not claimed a deduction for the payment of such tuition costs on his federal income tax return.

429 10. For taxable years beginning on and after January 1, 2000, the amount an individual pays 430 annually in premiums for long-term health care insurance, provided the individual has not claimed a 431 deduction for federal income tax purposes.

11. For taxable years beginning on and after January 1, 2007, an amount equal to 20% of the sum 432 433 paid by an individual pursuant to Chapter 6 (§ 58.1-600 et seq.) of this title, not to exceed \$500 in each 434 taxable year, in purchasing for his own use the following items of tangible personal property: (i) any 435 clothes washers, room air conditioners, dishwashers, and standard size refrigerators that meet or exceed the applicable energy star efficiency requirements developed by the United States Environmental 436 437 Protection Agency and the United States Department of Energy; (ii) any fuel cell that (a) generates 438 electricity using an electrochemical process, (b) has an electricity-only generation efficiency greater than 439 35%, and (c) has a generating capacity of at least two kilowatts; (iii) any gas heat pump that has a 440 coefficient of performance of at least 1.25 for heating and at least 0.70 for cooling; (iv) any electric 441 heat pump hot water heater that yields an energy factor of at least 1.7; (v) any electric heat pump that 442 has a heating system performance factor of at least 8.0 and a cooling seasonal energy efficiency ratio of 443 at least 13.0; (vi) any central air conditioner that has a cooling seasonal energy efficiency ratio of at 444 least 13.5; (vii) any advanced gas or oil water heater that has an energy factor of at least 0.65; (viii) 445 any advanced oil-fired boiler with a minimum annual fuel-utilization rating of 85; (ix) any advanced 446 oil-fired furnace with a minimum annual fuel-utilization rating of 85; and (ix) programmable 447 thermostats.

448 E. There shall be added to or subtracted from federal adjusted gross income, as the case may be, the 449 individual's share, as beneficiary of an estate or trust, of the Virginia fiduciary adjustment determined 450 under § 58.1-361.

451 F. There shall be added or subtracted, as the case may be, the amounts provided in § 58.1-315 as transitional modifications. 452

§ 58.1-3660. Certified pollution control equipment and facilities.

A. Certified pollution control equipment and facilities, as defined herein, are hereby declared to be a 454 455 separate class of property and shall constitute a classification for local taxation separate from other such 456 classification of real or personal property and such property. The governing body of any county, city or 457 town may, by ordinance, exempt or partially exempt such property from local taxation. Certified 458 pollution control equipment and facilities consisting of equipment used in collecting, processing, and 459 distributing, or generating electricity from, landfill gas or synthetic or natural gas recovered from waste, including equipment used to grind, chip, or mulch trees, tree stumps, underbrush, and other vegetative 460 cover for reuse as landfill gas or synthetic or natural gas recovery from waste, placed in service on or 461 462 after July 1, 2006, shall be exempt from state and local taxation pursuant to subsection d of Section 6 463 of Article X of the Constitution of Virginia. 464

B. As used in this section:

"Certified pollution control equipment and facilities" shall mean any property, including real or 465 personal property, equipment, facilities, or devices, used primarily for the purpose of abating or 466 preventing pollution of the atmosphere or waters of the Commonwealth and which the state certifying 467 468 authority having jurisdiction with respect to such property has certified to the Department of Taxation as 469 having been constructed, reconstructed, erected, or acquired in conformity with the state program or 470 requirements for abatement or control of water or atmospheric pollution or contamination. Such property 471 shall include, but is not limited to, any equipment used to grind, chip, or mulch trees, tree stumps, 472 underbrush, and other vegetative cover for reuse as mulch, compost, landfill gas, synthetic or natural 473 gas recovery from waste or other fuel, and equipment used in collecting, processing, and distributing, or 474 generating electricity from, landfill gas or synthetic or natural gas recovered from waste, whether or not 475 such property has been certified to the Department of Taxation by a state certifying authority.

476 "State certifying authority" shall mean the State Water Control Board, for water pollution; the State Air Pollution Control Board, for air pollution; the Department of Mines, Minerals and Energy, for coal, 477 478 oil, and gas production, including gas, natural gas, and coalbed methane gas; and the Virginia Waste 479 Management Board, for waste disposal facilities, natural gas recovery from waste facilities, and landfill 480 gas production facilities, and shall include any interstate agency authorized to act in place of a certifying 481 authority of the Commonwealth.

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#### *TITLE 67.* VIRGINIA ENERGY PLAN.

# 9 of 17

484 485	CHAPTER 1. ENERGY POLICY OF THE COMMONWEALTH.
486	§ 67-100. Legislative findings.
487 488	The General Assembly hereby finds that:
489	1. Energy is essential to the health, safety, and welfare of the people of this Commonwealth and to the Commonwealth's economy;
490	2. The state government should facilitate the availability and delivery of reliable and adequate
491 492	supplies of energy to industrial, commercial, and residential users at reasonable costs such that these users and the Commonwealth's economy are able to be productive; and
493	3. The Commonwealth would benefit from articulating clear objectives pertaining to energy issues,
494	adopting an energy policy that advances these objectives, and establishing a procedure for measuring
495 496	the implementation of these policies. § 67-101. Energy objectives.
497	The Commonwealth recognizes each of the following objectives pertaining to energy issues will
498	advance the health, welfare, and safety of the residents of the Commonwealth:
499 500	1. Ensuring the availability of reliable energy at costs that are reasonable and in quantities that will support the Commonwealth's economy;
500 501	2. Managing the rate of consumption of existing energy resources in relation to economic growth;
502	3. Establishing sufficient supply and delivery infrastructure to maintain reliable energy availability in
503 504	the event of a disruption occurring to a portion of the Commonwealth's energy matrix; 4. Using energy resources more efficiently;
505	5. Facilitating conservation;
506	6. Optimizing intrastate and interstate use of energy supply and delivery to maximize energy
507 508	availability, reliability, and price opportunities to the benefit of all user classes and the Commonwealth's economy as stated in subdivision 2 of § 67-100;
509	7. Increasing Virginia's reliance on sources of energy that, compared to traditional energy resources,
510 511	are less polluting of the Commonwealth's air and waters; 8. Researching the efficacy, cost, and benefits of reducing, avoiding, or sequestering the emissions of
511 512	greenhouse gases produced in connection with the generation of energy;
513	9. Removing impediments to the use of abundant low-cost energy resources located within and
514 515	outside the Commonwealth and ensuring the economic viability of the producers, especially those in the Commonwealth, of such resources;
515 516	10. Developing energy resources and facilities in a manner that does not impose a disproportionate
517	adverse impact on economically disadvantaged or minority communities;
518 519	11. Recognizing the need to foster those economically developable alternative sources of energy that can be provided at market prices as vital components of a diversified portfolio of energy resources; and
520	12. Increasing Virginia's reliance on biodiesel and ethanol produced from corn, soybeans, hulless
521 522	barley, and other suitable crops grown in the Commonwealth that will create jobs and income, produce
522 523	clean-burning fuels that will help to improve air quality, and provide the new markets for Virginia's agricultural products needed to preserve farm employment, conserve farmland, and help pay for
524	agricultural best management practices to protect water quality.
525 526	Nothing in this section shall be deemed to abrogate or modify in any way the provisions of the Vincinia Electric Utility Partmututing Act (\$ 56,576 at ang.)
520 527	Virginia Electric Utility Restructuring Act (§ 56-576 et seq.). § 67-102. Commonwealth Energy Policy.
528	A. To achieve the objectives enumerated in § 67-101, it shall be the policy of the Commonwealth to:
529 530	1. Support research and development of, and promote the use of, renewable energy sources; 2. Ensure that the combination of energy supplies and energy-saving systems are sufficient to support
531	the demands of economic growth;
532	3. Promote research and development of clean coal technologies, including but not limited to
533 534	integrated gasification combined cycle systems; 4. Promote cost-effective conservation of energy and fuel supplies;
535	5. Ensure the availability of affordable natural gas throughout the Commonwealth by expanding
536	Virginia's natural gas distribution and transmission pipeline infrastructure; developing coalbed methane
537 538	gas resources and methane hydrate resources; encouraging the productive use of landfill gas; and siting one or more liquefied natural gas terminals;
539	6. Promote the generation of electricity through technologies that do not contribute to greenhouse
540 541	gases and global warming;
541 542	7. Facilitate the development of new, and the expansion of existing, petroleum refining facilities within the Commonwealth;
543	8. Promote the use of motor vehicles that utilize alternate fuels and are highly energy efficient;
544	9. Support efforts to reduce the demand for imported petroleum by developing alternative

545 technologies, including but not limited to the production of synthetic and hydrogen-based fuels, and the 546 infrastructure required for the widespread implementation of such technologies;

547 10. Promote the use of biodiesel and ethanol produced from agricultural crops grown in the 548 Commonwealth:

549 11. Ensure that development of new, or expansion of existing, energy resources or facilities does not 550 have a disproportionate adverse impact on economically disadvantaged or minority communities; and

551 12. Ensure that energy generation and delivery systems that may be approved for development in the Commonwealth, including liquefied natural gas and related delivery and storage systems, should be 552 553 located so as to minimize impacts to pristine natural areas and other significant onshore natural 554 resources, and as near to compatible development as possible.

555 B. The elements of the policy set forth in subsection A shall be referred to collectively in this title as 556 the Commonwealth Energy Policy.

557 C. All agencies and political subdivisions of the Commonwealth, in taking discretionary action with regard to energy issues, shall recognize the elements of the Commonwealth Energy Policy and where 558 559 appropriate, shall act in a manner consistent therewith.

D. The Commonwealth Energy Policy is intended to provide guidance to the agencies and political 560 561 subdivisions of the Commonwealth in taking discretionary action with regard to energy issues, and shall 562 not be construed to amend, repeal, or override any contrary provision of applicable law. The failure or 563 refusal of any person to recognize the elements of the Commonwealth Energy Policy, to act in a manner 564 consistent with the Commonwealth Energy Policy, or to take any other action whatsoever, shall not 565 create any right, action, or cause of action or provide standing for any person to challenge the action 566 of the Commonwealth or any of its agencies or political subdivisions. 567

CHAPTER 2.

## VIRGINIA ENERGY PLAN.

§ 67-200. Definitions.

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As used in this title:

"Division" means the Division of Energy of the Department of Mines, Minerals and Energy.

572 "Plan" means the Virginia Energy Plan prepared pursuant to this chapter, including any updates 573 thereto. 574

§ 67-201. Development of the Virginia Energy Plan.

A. The Division, in consultation with the State Corporation Commission, the Department of 575 576 Environmental Quality, and the Center for Coal and Energy Research, shall prepare a comprehensive 577 Virginia Energy Plan covering a 10-year period. The Plan shall propose actions, consistent with the 578 objectives enumerated in § 67-101, that will implement the Commonwealth Energy Policy set forth in 579 § 67-102. 580

B. In addition, the Plan shall include:

581 1. Projections of energy consumption in the Commonwealth, including but not limited to the use of fuel sources and costs of electricity, natural gas, gasoline, coal, renewable resources, and other forms of 582 583 energy resources used in the Commonwealth;

584 2. An analysis of the adequacy of electricity generation, transmission, and distribution resources in 585 the Commonwealth for the natural gas and electric industries, and how regional generation, 586 transmission, and distribution resources affect the Commonwealth;

587 3. An analysis of siting requirements for electric generation resources and natural gas and electric 588 transmission and distribution resources;

589 4. An analysis of fuel diversity for electricity generation, recognizing the importance of flexibility in 590 meeting future capacity needs; 591

5. An analysis of the efficient use of energy resources and conservation initiatives;

592 6. An analysis of how these Virginia-specific issues relate to regional initiatives to assure the 593 adequacy of fuel production, generation, transmission, and distribution assets;

594 7. An analysis of siting of energy resource development, refining or transmission facilities to identify 595 any disproportionate adverse impact of such activities on economically disadvantaged or minority 596 communities: and

597 8. Recommendations, based on the analyses completed under subdivisions 1 through 7, for **598** legislative, regulatory, and other public and private actions to implement the elements of the 599 Commonwealth Energy Policy.

600 C. In preparing the Plan, the Division and other agencies involved in the planning process shall 601 utilize state geographic information systems, to the extent deemed practicable, to assess how 602 recommendations in the plan may affect pristine natural areas and other significant onshore natural 603 resources.

604 D. In preparing the Plan, the Division and other agencies involved in the planning process shall 605 develop a system for ascribing numerical scores to parcels of real property based on the extent to which

## 11 of 17

the parcels are suitable for the siting of a wind energy facility or solar energy facility. For wind energy 606 607 facilities, the scoring system shall address the wind velocity, sustained velocity, turbulence, proximity to 608 electric power transmission systems, potential impacts to natural and historic resources and to 609 economically disadvantaged or minority communities, and compatibility with the local land use plan. 610 For solar energy facilities, the scoring system shall address the parcel's proximity to electric power

transmission lines, potential impacts of such a facility to natural and historic resources and to 611 612 economically disadvantaged or minority communities, and compatibility with the local land use plan.

613 The system developed pursuant to this section shall allow the suitability of the parcel for the siting of a

614 wind energy facility or solar energy facility to be compared to the suitability of other parcels so scored, 615 and shall be based on a scale that allows the suitability of the parcel for the siting of a such an energy

616 facility to be measured against the hypothetical score of an ideal location for such a facility.

E. After July 1, 2007, upon receipt by the Division of a recommendation from the Department of 617 General Services, a local governing body, or the parcel's owner that a parcel of real property is a 618 619 potentially suitable location for a wind energy facility or solar energy facility, the Division shall analyze the suitability of the parcel for the location of such a facility. In conducting its analysis, the Division 620 621 shall ascribe a numerical score to the parcel using the scoring system developed pursuant to subsection 622 D.

623 § 67-202. Schedule.

624 A. The Division shall complete the Plan by July 1, 2007.

625 B. Prior to completion of the Plan, the Division shall present drafts to, and consult with, the Coal 626 and Energy Commission and the Commission on Electric Utility Restructuring.

627 C. The Plan shall be updated by the Division no less frequently than every five years.

628 § 67-203. Submission of Plan.

629 Upon completion, the Division shall submit the Plan, including periodic updates thereto, to the 630 Governor, the Commissioners of the State Corporation Commission, and the General Assembly. The Plan shall be submitted as provided in the procedures of the Division of Legislative Automated Systems 631 632 for the processing of legislative documents. The Plan's executive summary shall be posted on the 633 General Assembly's website.

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## CHAPTER 3.

## OFFSHORE NATURAL GAS AND WIND RESOURCES.

636 § 67-300. Offshore natural gas and wind resources.

637 A. In recognition of the need for energy independence, it shall be the policy of the Commonwealth to 638 support federal efforts to determine the extent of natural gas resources 50 miles or more off the Atlantic 639 shoreline, including appropriate federal funding for such an investigation. The policy of the 640 Commonwealth shall further support the inclusion of the Atlantic Planning Areas in the Minerals Management Service's draft environmental impact statement with respect to natural gas exploration 50 641 642 miles or more off the Atlantic shoreline. Nothing in this Act shall be construed as a policy statement on the executive or Congressional moratoria on production and development of natural gas off the Atlantic 643 644 shoreline.

645 B. It shall be the policy of the Commonwealth to support federal efforts to examine the feasibility of 646 offshore wind energy being utilized in an environmentally responsible fashion. 647

CHAPTER 4.

## CLEAN COAL PROJECTS.

649 § 67-400. Definitions.

650 As used in this chapter:

651 "Center" means the Virginia Center for Coal and Energy Research.

"Clean coal project" means any project that uses any technology, including technologies applied at 652 653 the precombustion, combustion, or postcombustion stage, at a new or existing facility that will achieve 654 significant reductions in air emissions of sulfur dioxide or oxides of nitrogen associated with the 655 utilization of coal in the generation of electricity, process steam, or industrial products, which is not in 656 widespread use, or is otherwise defined as clean coal technology pursuant to 42 U.S.C. § 7651n. 657

§ 67-401. Permitting process for clean coal projects.

658 To the extent authorized by federal law, the State Air Pollution Control Board shall implement 659 permit processes that facilitate the construction of clean coal projects in the Commonwealth by, among such other actions as it deems appropriate, giving priority to processing permit applications for clean 660 661 coal projects.

662 § 67-402. Center for excellence for clean coal technologies.

663 A. The Center shall encourage qualified state institutions of higher education to apply to the U.S. Secretary of Energy, pursuant to § 404 of the federal Energy Policy Act of 2005, for competitive, 664 merit-based grants to be used to assist in financing the establishment in the Commonwealth of a center 665 666 of excellence for advancing new clean coal technologies.

667 B. The Center shall be authorized to provide such assistance it deems reasonable and appropriate to qualified state institutions of higher education that elect to apply for grants pursuant to subsection A. 668

§ 67-403. Clean Coal Technology Research Fund. 669

670 A. There is hereby established in the state treasury a special nonreverting fund to be known as the 671 Clean Coal Technology Research Fund. The Fund shall consist of such moneys as may be appropriated 672 by the General Assembly from time to time. Any moneys deposited to or remaining in the Fund during or at the end of each fiscal year or biennium, including interest thereon, shall not revert to the general 673 674 fund but shall remain in the Fund and be available for allocation under this chapter in ensuing fiscal years. Interest on all moneys in the Fund shall remain in the Fund and be credited to it. The Fund shall 675 be used solely for the payment of grants to state institutions of higher education to assist in the development and implementation of clean coal technologies. The Center shall administer the Fund. 676 677

B. The Center shall award such grants to applying eligible institutions on a competitive basis. 678

C. The Center shall not allocate an amount in excess of the moneys available in the Fund for the 679 680 payment of grants.

D. Beginning in calendar year 2007, by June 30 of each year, the Center shall (i) determine the 681 682 amount of the grants to be allocated to eligible institutions and (ii) certify to the Comptroller and each 683 eligible grant applicant the amount of the grant allocated to successful applicants. Payment of such 684 grants shall be made by the State Treasurer on warrant of the Comptroller within 60 days of such 685 certification. 686

#### CHAPTER 5.

#### BIODIESEL FUEL.

§ 67-500. Definitions.

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As used in this chapter:

690 "Biodiesel fuel" means a renewable, biodegradable, mono-alkyl ester combustible liquid fluid fuel from agricultural plant oils or animal fats that meets the applicable American Society for Testing and 691 Materials (ASTM) Specification for Biodiesel Fuel (B100) Blend Stock for Distillate Fuels. 692 693

§ 67-501. Use of biodiesel and other alternative fuels in vehicles providing public transportation.

The Commonwealth Transportation Board shall encourage the use of biodiesel fuel and other 694 695 alternative fuels, to the extent practicable, in buses and other vehicles used to provide public 696 transportation in the Commonwealth. 697

## CHAPTER 6.

## VIRGINIA COASTAL ENERGY RESEARCH CONSORTIUM.

§ 67-600. Virginia Coastal Energy Research Consortium established.

700 The Virginia Coastal Energy Research Consortium, hereinafter referred to as the Research 701 Consortium, is hereby created to include Old Dominion University, the Virginia Institute of Marine 702 Science, the Virginia Tech Advanced Research Institute, James Madison University, and Norfolk State 703 University and is to be located at Old Dominion University. 704

§ 67-601. Functions, powers, and duties of the Research Consortium.

705 The Coastal Energy Research Consortium shall serve as an interdisciplinary study, research, and 706 information resource for the Commonwealth on coastal energy issues. As used in this chapter, "coastal 707 energy" includes wave or tidal action, currents, offshore winds, thermal differences, and methane 708 hydrates. The Research Consortium shall (i) consult with the General Assembly, federal, state, and local 709 agencies, nonprofit organizations, private industry and other potential users of coastal energy research; 710 (ii) establish and administer agreements with other universities of the Commonwealth to carry out research projects relating to the feasibility of recovering fuel gases from methane hydrates and 711 712 increasing the Commonwealth's reliance on other forms of coastal energy; (iii) disseminate new 713 information and research results; (iv) apply for grants made available pursuant to federal legislation, 714 including but not limited to the federal Methane Hydrate Research and Development Act of 1999, P.L. 106-193 and from other sources; and (v) facilitate the application and transfer of new coastal energy 715 716 technologies. 717

## § 67-602. Control and supervision.

The Research Consortium shall be governed by a board which shall consist of nine members as 718 719 follows: (i) the Director of the Department of Mines, Minerals and Energy or his designee; (ii) the 720 Commissioner of Marine Resources or his designee; (iii) a member of the maritime industry to be appointed by the Virginia Manufacturers Association; (iv) a member of the maritime industry to be 721 appointed by the Hampton Roads Maritime Association; (v) the Director of the Virginia Tech Advanced 722 Research Institute or his designee; (vi) the President of Old Dominion University or his designee; (vii) 723 the Director of the Virginia Institute of Marine Sciences or his designee; (viii) the President of Norfolk 724 725 State University or his designee; and (ix) the President of James Madison University or his designee. 726 § 67-603. Appointment of a director.

727 The board of the Research Consortium shall appoint a director to serve as the principal

728 administrative officer of the Research Consortium. The director shall report to the board and be under 729 its supervision. 730 § 67-604. Powers and duties of the director. 731 The director shall exercise all powers imposed upon him by law, carry out the specific duties 732 imposed on him by the board of the Research Consortium, and develop appropriate policies and 733 procedures for (i) identifying priority coastal energy research projects; (ii) cooperating with the General 734 Assembly, federal, state, and local governmental agencies, nonprofit organizations and private industry 735 in formulating its research projects; (iii) selecting research projects to be funded; and (iv) disseminating 736 information and transferring technology related to coastal energy within the Commonwealth. The director shall employ such personnel and secure such services as may be required to carry out the 737 738 purposes of this chapter, expend appropriated funds, and accept moneys from federal or private sources 739 for cost-sharing on coastal energy projects. 740 CHAPTER 7. 741 COVENANTS RESTRICTING SOLAR ENERGY COLLECTION DEVICES. 742 § 67-700. Definitions. 743 As used in this chapter: 744 "Community association" means an unincorporated association or corporation that owns or has 745 under its care, custody, or control real estate subject to a recorded declaration of covenants that 746 obligates a person, by virtue of ownership of specific real estate, to be a member of the unincorporated 747 association or corporation. 748 "Solar energy collection device" means any device that facilitates the collection and beneficial use of 749 solar energy, including passive heating panels or building components and solar photovoltaic apparatus. 750 § 67-701. Covenants regarding solar power. 751 A. Except to the extent provided in the condominium instruments, declaration, or rules and 752 regulations duly adopted pursuant thereto, no community association shall enact any provisions 753 restricting solar power or the use of solar energy collection device on units or lots that are part of the 754 development. B. The community association may prohibit or restrict the installation and use of such solar energy 755 756 collection devices on the common elements or common areas. 757 CHAPTER 8. MOTOR VEHICLE FUEL EFFICIENCY STANDARDS. 758 759 § 67-800. Definitions. 760 As used in this section, "CAFE standards" means the corporate average fuel economy standards for 761 passenger cars and light trucks manufactured for sale in the United States that have been implemented 762 pursuant to the federal Energy Policy and Conservation Act of 1975 (P. L. 94-163), as amended. § 67-801. Efforts to increase CAFE standards. 763 764 It is the policy of the Commonwealth to support federal action that provides for: 765 1. An increase the CAFE standards from the current standard by promoting performance-based tax 766 credits for advanced technology, fuel-efficient vehicles to facilitate the introduction and purchase of such 767 vehicles; and 768 2. Market incentives and education programs to build demand for high-efficiency, cleaner vehicles, 769 including tax incentives for highly efficient vehicles. 770 CHAPTER 9. 771 RENEWABLE ELECTRICITY PRODUCTION GRANT PROGRAM. 772 § 67-900. Definitions. 773 As used in this chapter, unless the context clearly requires otherwise: 774 "Corporation" means an entity subject to the tax imposed by Article 10 (§ 58.1-400 et seq.) of 775 Chapter 3 of Title 58.1. 776 "Department" means the Department of Mines, Minerals and Energy. 777 "Fund" means the Renewable Electricity Production Grant Fund established pursuant to § 67-902. 778 "Qualified energy resources" means the same as that term is defined by Internal Revenue Code 779 \$ 45(c)(1), and includes wind, closed-loop biomass, organic, livestock, and poultry waste resources and 780 lignin and other organic by-products of kraft pulping processes, bark, chip rejects, sawdust, fines and 781 other wood waste, regardless of the point of origin. 782 "Qualified Virginia facility" means a facility located in the Commonwealth that uses qualified energy 783 resources to produce electricity. § 67-901. Eligibility for grants for production of qualified energy resources. 784 785 Subject to appropriation of sufficient moneys in the Fund, an eligible corporation may receive a 786 grant payable from the Fund for certain kilowatt hours of electricity produced after December 31, 2005. 787 The grant amount shall be \$0.85 for each kilowatt hour of electricity (i) produced by the corporation from qualified energy resources at a qualified Virginia facility and (ii) sold and transmitted into the 788

789 electric grid, or used in production by a qualified Virginia facility, in a calendar year. Grant amounts 790 shall be based on each such kilowatt hour of electricity sold or used in production by a qualified 791 Virginia facility beginning with calendar year 2006. 792

§ 67-902. Renewable Electricity Production Grant Fund.

793 A. There is hereby established in the state treasury a special nonreverting fund to be known as the 794 Renewable Electricity Production Grant Fund. The Fund shall consist of such moneys as may be 795 appropriated by the General Assembly from time to time. Any moneys deposited to or remaining in the 796 Fund during or at the end of each fiscal year or biennium, including interest thereon, shall not revert to 797 the general fund but shall remain in the Fund and be available for allocation under this chapter in 798 ensuing fiscal years. Interest on all moneys in the Fund shall remain in the Fund and be credited to it. 799 The Fund shall be used solely for the payment of the grants provided under this chapter. The 800 Department shall administer the Fund.

B. The Department shall allocate moneys from the Fund in the following order of priority: (i) first to 801 unpaid grant amounts carried forward from prior years because eligible corporations did not receive 802 the full amount of any grant to which they were eligible in a prior year pursuant to this chapter and (ii) 803 then to other approved applicants. If the moneys in the Fund are less than the amount of grants to 804 805 which approved applicants in any class of priority are eligible, the moneys in the Fund shall be 806 apportioned pro rata among eligible applicants in such class, based upon the amount of the grant to 807 which an approved applicant is eligible and the amount of money in the Fund available for allocation 808 to such class.

809 C. The Department shall not allocate an amount in excess of the moneys available in the Fund for the payment of grants. 810

D. Beginning in calendar year 2007, by June 30 of each year, the Department shall (i) determine the 811 812 amount of the grants to be allocated to eligible corporations and (ii) certify to the Comptroller and each eligible corporation the amount of the grant allocated to such corporation. Payment of such grants 813 814 shall be made by the State Treasurer on warrant of the Comptroller within 60 days of such certification, 815 subject to appropriation of sufficient moneys in the Fund.

816 E. If a grant recipient is allocated less than the full amount of a grant to which it is eligible in any year pursuant to this chapter, such corporation shall not be eligible for the deficiency in that year, but 817 818 the unpaid portion of the grant to which it was eligible shall be carried forward by the Department to 819 the following year, during which it shall be in the first class of priority as provided in clause (i) of 820 subsection B.

821 F. In no case shall the Department certify grants from the Fund for kilowatts of electricity produced 822 prior to January 1, 2006.

823 G. Actions of the Department relating to the allocation and awarding of grants shall be exempt from 824 the provisions of the Administrative Process Act pursuant to subdivision B 4 of § 2.2-4002. 825

§ 67-903. Requirements for grants generally.

826 A. The Department shall establish an application process by which eligible corporations shall apply for a grant under this chapter. An application for a grant under this chapter shall not be approved until the Department has verified that the electricity has been produced from qualified energy resources at a 827 828 829 qualified Virginia facility and that sufficient moneys are available in the Fund.

830 B. The application shall be filed with the director of the Department no later than March 31 each 831 year following the calendar year in which such kilowatt hours of electricity were sold or used in 832 production by a qualified Virginia facility. Failure to meet the filing deadline shall render the applicant 833 ineligible to receive a grant for such kilowatt hours of electricity sold or so used in the prior calendar 834 year. For filings by mail, the postmark cancellation shall govern the date of the filing determination.

835 C. The application shall provide evidence, satisfactory to the Department, of the number of kilowatt 836 hours of electricity produced by the corporation from qualified energy resources at a qualified Virginia 837 facility that were sold, or used in production by a qualified Virginia facility, by such corporation in the 838 prior calendar year.

839 D. As a condition of receipt of a grant, an eligible corporation shall make available to the 840 Department for inspection upon request all relevant and applicable documents to determine whether the 841 requirements for the receipt of grants as set forth in this chapter have been satisfied. All such 842 documents appropriately identified by the eligible corporation shall be considered confidential and 843 proprietary.

844 E. A corporation receiving a grant for the production and sale of kilowatt hours of electricity under 845 this chapter may not use the production or sale of such kilowatt hours of electricity as the basis for 846 claiming any other grant or credit against taxes, as provided under the Code of Virginia or in an 847 appropriation act. 848

#### CHAPTER 10.

PHOTOVOLTAIC, SOLAR, AND WIND ENERGY UTILIZATION GRANT PROGRAM.

849

850 § 67-1000. Definitions.

851 As used in this chapter, unless the context clearly requires otherwise:

852 "Corporation" means an entity subject to the tax imposed by Article 10 (§ 58.1-400 et seq.) of 853 Chapter 3 of Title 58.1.

854 "Department" means the Department of Mines, Minerals and Energy.

855 "Fund" means the Photovoltaic, Solar, and Wind Energy Utilization Grant Fund established pursuant 856 to § 67-1002.

857 "Individual" means the same as that term is defined in § 58.1-302.

858 "Photovoltaic property" means property that uses a solar photovoltaic process to generate electricity 859 and that meets applicable performance and quality standards and certification requirements in effect at 860 the time of acquisition of the property, as specified by the Department.

"Solar water heating property" means property that, when installed in connection with a structure, 861 uses solar energy for the purpose of providing hot water for use within the structure and meets 862 863 applicable performance and quality standards and certification requirements in effect at the time of 864 acquisition of the property, as specified by the Department.

"Wind-powered electrical generator" means an electrical generating unit that (i) has a capacity of 865 866 not more than 10 kilowatts, (ii) uses wind as its total source of fuel, (iii) is located on the individual's 867 or corporation's premises, and (iv) is intended primarily to offset all or part of the individual's or 868 corporation's own electricity requirements.

869 § 67-1001. Eligibility for grants for installation of photovoltaic property, solar water heating 870 property, and wind-powered electrical generators.

871 A. Subject to appropriation of sufficient moneys in the Fund, beginning with calendar year 2006, an 872 eligible individual or corporation may receive a grant payable from the Fund for a portion of the cost 873 of photovoltaic property, solar water heating property, or wind-powered electrical generators placed in 874 service during the calendar year by such individual or corporation. The grant amount shall be 15% of the total installed cost of photovoltaic property, solar water heating property, or wind-powered 875 876 electrical generators but shall not exceed an aggregate total of:

877 1. \$2,000 for each system of photovoltaic property;

878 2. \$1,000 for each system of solar water heating property; and

879 3. \$1,000 for each system of wind-powered electrical generators.

880 B. Persons or entities placing in service photovoltaic property, solar water heating property, or 881 wind-powered electrical generators for or on behalf of another person or entity shall not be eligible to 882 receive a grant for such property. 883

§ 67-1002. Photovoltaic, Solar, and Wind Energy Utilization Grant Fund.

884 A. There is hereby established in the state treasury a special nonreverting fund to be known as the 885 Photovoltaic, Solar, and Wind Energy Utilization Grant Fund. The Fund shall consist of such moneys as 886 may be appropriated by the General Assembly from time to time. Any moneys deposited to or remaining 887 in the Fund during or at the end of each fiscal year or biennium, including interest thereon, shall not 888 revert to the general fund but shall remain in the Fund and be available for allocation under this chapter in ensuing fiscal years. Interest on all moneys in the Fund shall remain in the Fund and be 889 890 credited to it. The Fund shall be used solely for the payment of the grants provided under this chapter. 891 The Department shall administer the Fund.

892 B. The Department shall allocate moneys from the Fund in the following order of priority: (i) first to 893 unpaid grant amounts carried forward from prior years because eligible individuals or corporations did 894 not receive the full amount of any grant to which they were eligible in a prior year pursuant to this 895 chapter and (ii) then to other approved applicants. If the moneys in the Fund are less than the amount 896 of grants to which approved applicants in any class of priority are eligible, the moneys in the Fund 897 shall be apportioned pro rata among eligible applicants in such class, based upon the amount of the 898 grant to which an approved applicant is eligible and the amount of money in the Fund available for 899 allocation to such class.

900 C. The Department shall not allocate an amount in excess of the moneys available in the Fund for 901 the payment of grants.

902 D. Beginning in calendar year 2007, by June 30 of each year, the Department shall (i) determine the 903 amount of the grants to be allocated to eligible individuals and corporations, and (ii) certify to the 904 Comptroller and each eligible grant applicant the amount of the grant allocated to such applicant. 905 Payment of such grants shall be made by the State Treasurer on warrant of the Comptroller within 60 906 days of such certification.

907 E. If a grant recipient is allocated less than the full amount of a grant to which it is eligible in any 908 year pursuant to this chapter, such individual or corporation shall not be eligible for the deficiency in 909 that year, but the unpaid portion of the grant to which it was eligible shall be carried forward by the 910 Department to the following year, during which it shall be in the first class of priority as provided in **911** *clause (i) of subsection B.* 

912 F. In no case shall the Department certify grants from the Fund for photovoltaic property, solar
913 water heating property, or wind-powered electrical generators placed in service prior to January 1,
914 2006.

915 *G.* Actions of the Department relating to the allocation and awarding of grants shall be exempt from 916 the provisions of the Administrative Process Act pursuant to subdivision B 4 of § 2.2-4002.

917 § 67-1003. Requirements for grants generally.

A. The Department shall establish an application process by which eligible individuals and corporations shall apply for a grant under this chapter. The application shall be filed with the director of the Department no later than March 31 each year following the calendar year in which such property was placed in service. Failure to meet the filing deadline shall render the applicant ineligible to receive a grant for photovoltaic property, solar water heating property, or wind-powered electrical generators placed in service in the prior calendar year. For filings by mail, the postmark cancellation shall govern the date of the filing determination.

925 B. The application shall provide evidence, satisfactory to the Department, of the total installed cost
926 of each system of photovoltaic property, solar water heating property, or wind-powered electrical
927 generators placed in service by such individual or corporation in the prior calendar year.

928 C. As a condition of receipt of a grant, an eligible individual or corporation shall make available to
929 the Department for inspection upon request all relevant and applicable documents to determine whether
930 the requirements for the receipt of grants as set forth in this chapter have been satisfied.

D. An individual or corporation receiving a grant pursuant to this chapter for a system of
photovoltaic property, solar water heating property, or wind-powered electrical generators may not use
such system as the basis for claiming any other grant or credit against taxes, as provided under the
Code of Virginia or in an appropriation act.

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2. That the Department of Mines, Minerals and Energy shall develop guidelines, in accordance
936 with the Administrative Process Act (§ 2.2-4000 et seq. of the Code of Virginia), for purposes of
937 carrying out the provisions of Chapters 9 (§ 67-900 et seq.) and 10 (§ 67-1000 et seq.) of Title 67 of
938 the Code of Virginia.

939 3. That the Department of Mines, Minerals and Energy, working with the Department of General 940 Services, the State Council on Higher Education, and representatives of other agencies and 941 institutions that construct and operate facilities shall analyze current energy performance 942 standards that agencies and institutions use in facility design, make recommendations for changes 943 to the current design and construction practices that will enhance energy performance and 944 efficiency, and research facility energy performance and efficiency benchmarks and metrics that 945 may be used to measure facility performance.

946 4. That the State Corporation Commission and Secretary of Natural Resources shall develop a 947 proposal for a coordinated review of permits for an energy facility requiring (i) an environmental 948 permit that is subject to issuance by any agency or board within the Secretariat of Natural Resources and (ii) a certificate of public convenience and necessity that is subject to issuance by 949 950 the Commission. The State Corporation Commission and Secretary of Natural Resources shall 951 submit their proposal for a coordinated review process, together with a listing of the types of 952 projects and permits to be reviewed under the coordinated process, an analysis of the potential costs and benefits of such a process, and any legislation required to establish the coordinated 953 954 review process, to the Governor and the chairmen of the House Committee on Commerce and 955 Labor, the House Committee on Agriculture, Chesapeake and Natural Resources, the Senate 956 Committee on Commerce and Labor, and the Senate Committee on Agriculture, Conservation and 957 Natural Resources by December 1, 2006.

958 5. That the Department of Taxation shall develop guidelines that describe the items that qualify 959 for the deduction under subdivision D 11 of § 58.1-322 of the Code of Virginia for energy-efficient 960 appliances and equipment, and shall make such guidelines available, both electronically and in 961 hard copy, no later than October 1, 2006.

6. That if the Fund established under § 67-403 of the Code of Virginia does not receive a deposit
of general funds, nongeneral funds, grant funds, or other funds before July 1, 2009, then §§ 67-402
and 67-403 shall expire on July 1, 2009.

7. That if the Virginia Coastal Energy Research Consortium established under § 67-600 of the
Code of Virginia is not funded before July 1, 2009, then Chapter 6 of Title 67 (§ 67-600 et seq.)
shall expire on July 1, 2009.

8. That if the Fund established under § 67-902 of the Code of Virginia does not receive a deposit
of general funds, nongeneral funds, grant funds, or other funds before July 1, 2009, then the
provisions of Chapter 9 of Title 67 (§ 67-900 et seq.) shall expire on July 1, 2009.

971 9. That if the Fund established under § 67-1002 of the Code of Virginia does not receive a deposit

972 of general funds, nongeneral funds, grant funds, or other funds before July 1, 2009, then the 973 provisions of Chapter 10 of Title 67 (§ 67-1000 et seq.) shall expire on July 1, 2009.