

## 1 VIRGINIA ACTS OF ASSEMBLY — CHAPTER

2 *An Act to amend the Code of Virginia by adding in Chapter 1 of Title 45.2 an article numbered 3, consisting*  
 3 *of sections numbered 45.2-114 through 45.2-123, relating to Virginia Clean Energy Innovation Bank;*  
 4 *established; report.*

5 [H 1444]

6 Approved

7 **Be it enacted by the General Assembly of Virginia:**

8 **1. That the Code of Virginia is amended by adding in Chapter 1 of Title 45.2 an article numbered 3,**  
 9 **consisting of sections numbered 45.2-114 through 45.2-123, as follows:**

10 *Article 3.*11 *Virginia Clean Energy Innovation Bank.*12 **§ 45.2-114. Virginia Clean Energy Innovation Bank; Bank Advisory Board.**

13 *A. The Virginia Clean Energy Innovation Bank is established in the Department. The purpose of the Bank*  
 14 *is to accelerate the deployment of clean energy projects, greenhouse gas emissions reduction projects, and*  
 15 *other qualified projects through the strategic deployment of public funds in the form of grants, loans, credit*  
 16 *enhancements, and other financing mechanisms in order to leverage existing public and private sources of*  
 17 *capital to reduce the upfront and total cost of qualified projects and to overcome financial barriers to project*  
 18 *adoption, especially in low-income communities.*

19 *B. 1. The Virginia Clean Energy Innovation Bank Advisory Board (the Bank Advisory Board) is*  
 20 *established as an advisory board in the executive branch of state government for the purpose of advising,*  
 21 *overseeing, and making advisory recommendations related to the Virginia Clean Energy Innovation Bank*  
 22 *and its effectiveness in fulfilling the purposes described subsection A.*

23 *2. The Bank Advisory Board shall have a total membership of ten members that shall consist of five*  
 24 *nonlegislative citizen members and five ex officio members. Nonlegislative citizen members shall be*  
 25 *appointed as follows: two members to be appointed by the Senate Committee on Rules, two members to be*  
 26 *appointed by the Speaker of the House of Delegates, and one member to be appointed by the Governor. Each*  
 27 *nonlegislative citizen member shall have expertise in matters relevant to the Bank. The Director of the*  
 28 *Department of Energy and the Chief Executive Officer of the Virginia Economic Development Partnership*  
 29 *Authority, or their designees, shall serve ex officio with voting privileges. Nonlegislative citizen members of*  
 30 *the Board shall be citizens of the Commonwealth.*

31 *3. The nonlegislative citizen members of the Bank Advisory Board shall be appointed for five-year*  
 32 *staggered terms. Each ex officio member of the Bank Advisory Board shall serve a term coincident with his*  
 33 *term of office. Appointments to fill vacancies, other than by expiration of a term, shall be for the unexpired*  
 34 *term. Vacancies shall be filled in the same manner as the original appointments. No person shall serve more*  
 35 *than two consecutive terms. The remainder of any term to which a member is appointed to fill a vacancy shall*  
 36 *not constitute a term in determining the member's eligibility for reappointment.*

37 *4. The Bank Advisory Board shall annually elect a chair and vice-chair from among its membership and*  
 38 *shall formulate rules for its organization and procedure. A majority of the members shall constitute a*  
 39 *quorum.*

40 *5. The nonlegislative citizen members of the Bank Advisory Board shall serve without compensation or*  
 41 *reimbursement for expenses incurred in the performance of their duties.*

42 **§ 45.2-115. Definitions.**43 *As used in this article, unless the context requires a different meaning:*44 *"Bank" means the Virginia Clean Energy Innovation Bank.*45 *"Bank Advisory Board" means the Virginia Clean Energy Innovation Bank Advisory Board*46 *"Community navigator" means an organization that works to facilitate access to clean energy project*  
 47 *financing by individuals and community groups.*48 *"Credit enhancement" means a pool of capital set aside to cover potential losses on loans and other*  
 49 *investments made by financing entities. "Credit enhancement" includes loan loss reserves and loan*  
 50 *guarantees.*51 *"Energy storage system" means a system that absorbs, stores, and discharges electricity. "Energy storage*  
 52 *system" does not include fossil fuel storage or power-to-gas storage that directly uses fossil fuel inputs.*53 *"Greenhouse gas emissions" means emissions of carbon dioxide, methane, nitrous oxide,*  
 54 *hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride emitted by anthropogenic sources.*55 *"Historically economically disadvantaged community" has the same meaning as provided in § 56-576.*56 *"Loan loss reserves" means a pool of capital set aside to reimburse a private lender if a customer defaults*

57 on a loan, up to an agreed-upon percentage of loans originated by the private lender.

58 "Local workers" means Virginia residents who permanently reside within 150 miles of the location of a  
59 proposed project in which the Bank is considering participating.

60 "Microgrid system" means an electric grid that (i) serves a discrete geographical area from distributed  
61 energy resources and (ii) can operate independently from the central electric grid on a permanent or  
62 temporary basis.

63 "Qualified project" means a project, technology, product, service, or measure promoting energy  
64 efficiency, clean energy, electrification, or water conservation and quality that (i) substantially reduces  
65 greenhouse gas emissions; (ii) reduces energy use without diminishing the level of service; (iii) increases the  
66 deployment of renewable or non-carbon emitting energy projects, energy storage systems, district heating,  
67 smart grid technologies, or microgrid systems; (iv) replaces existing fossil-fuel-based technology with an  
68 end-use electric technology; (v) supports the development and deployment of electric vehicle charging  
69 stations and associated infrastructure, electric buses, and electric fleet vehicles; (vi) reduces water use or  
70 protects, restores, or preserves the quality of the Commonwealth's surface waters or the Chesapeake Bay; or  
71 (vii) incentivizes customers to shift demand in response to changes in the price of electricity or when system  
72 reliability is not jeopardized.

73 "Renewable energy" means electric energy generated by a source that is considered a renewable energy  
74 standard eligible source under the provisions of § 56-585.5.

75 "Securitization" means the conversion of an asset composed of individual loans into marketable  
76 securities.

77 "Smart grid" means a digital technology that allows for two-way communication between a utility and the  
78 utility's customers and enables the utility to control power flow and load in real time.

79 **§ 45.2-116. Duties of the Bank.**

80 A. The Bank shall:

81 1. Advise the Director on the management of the Bank pursuant to this article;

82 2. Apply for and accept gifts, grants, aid, and donations from any source to be expended in furtherance of  
83 accomplishing the objectives of the Bank. All federal funding accepted under this subdivision shall be  
84 accepted and expended by the Bank in accordance with such terms and conditions as are prescribed by the  
85 United States and are consistent with state law, and all state funding accepted under this subdivision shall be  
86 accepted and expended in accordance with such terms and conditions as prescribed by the Commonwealth;

87 3. Seek to qualify as a state energy financing institution as defined in 42 U.S.C. § 16511;

88 4. Serve as a financial resource to reduce the upfront and total costs of implementing qualified projects;

89 5. Ensure that all financed projects reduce or do not contribute to greenhouse gas emissions and that no  
90 more than 15 percent in the aggregate of available funds are used to finance projects involving coalbed  
91 methane gas, as such term is defined in § 45.2-1600, or nuclear power;

92 6. Ensure that financing terms and conditions offered are well suited to qualified projects;

93 7. Strategically prioritize the use of the Bank's funds to leverage private investment in qualified projects,  
94 with the aim of achieving a high ratio of private to public money invested through funding mechanisms that  
95 support, enhance, and complement private lending and investment;

96 8. Coordinate with existing federal, state, local, utility, and other programs to ensure that the Bank's  
97 resources are being used most effectively to add to and complement those programs;

98 9. Stimulate demand for qualified projects by (i) contracting with the Department to provide, including  
99 through subcontracts with community navigators, information to project participants about federal, state,  
100 local, utility, and other Bank financial assistance for qualifying projects and technical information on energy  
101 conservation and renewable energy measures; (ii) forming partnerships with contractors and informing  
102 contractors about the Bank's financing programs; (iii) developing innovative marketing strategies to  
103 stimulate project owner interest, especially in underserved communities; and (iv) incentivizing financing  
104 entities to increase activity in underserved markets;

105 10. Finance projects in all regions of the Commonwealth;

106 11. Develop participant eligibility standards and other terms and conditions for financial support  
107 provided by the Bank;

108 12. Develop and administer (i) policies to collect reasonable fees for Bank services and (ii) risk  
109 management activities to support ongoing Bank activities;

110 13. Develop consumer protection standards governing the Bank's investments to ensure that financial  
111 support is provided responsibly and transparently and is in the financial interest of participating project  
112 owners;

113 14. Develop methods to accurately measure the impact of the Bank's activities, particularly on low-  
114 income communities and on greenhouse gas emissions reductions;

115 15. Hire sufficient staff with the appropriate skills and qualifications to carry out the Bank's programs,  
116 making an affirmative effort to recruit and hire staff who are from, or share the interests of, the communities  
117 the Bank is required to serve;

118 16. Acting under its powers as a state energy financing institution under 42 U.S.C. § 16511, collaborate

119 with the U.S. Department of Energy Loan Programs Office to ensure that authorities made available under  
120 the federal Inflation Reduction Act of 2022, P.L. 117-169, maximally benefit Virginians;

121 17. Ensure that Bank contracts with all third-party administrators, contractors, and subcontractors  
122 contain required covenants, representations, and warranties specifying that contracted third parties are  
123 agents of the Bank and that all acts of contracted third parties are considered acts of the Bank, provided that  
124 the act is within the contracted scope of work; and

125 18. Undertake such other activities as are necessary to carry out the provisions of this article.

126 C. In carrying out its powers and duties pursuant to this article, the Bank may:

127 1. Employ credit enhancement mechanisms that reduce financial risk for financing entities by providing  
128 assurance that a limited portion of a loan or other financial instrument is assumed by the Bank via a loan  
129 loss reserve, loan guarantee, or other mechanism;

130 2. Co-invest in a qualified project by providing senior or subordinated debt, equity, or other mechanisms  
131 in conjunction with other investment, co-lending, or financing;

132 3. Aggregate small and geographically dispersed qualified projects in order to diversify risk or secure  
133 additional private investment through securitization or similar resale of the Bank's interest in a completed  
134 qualified project; and

135 4. Expend funds appropriated to the Bank for start-up purposes, which may be used for financing  
136 programs and project investments authorized under this article, prior to adoption of the strategic plan  
137 required pursuant to § 45.2-118 and the investment strategy required pursuant to § 45.2-119.

138 **§ 45.2-117. Bank lending practices; consumer protection.**

139 A. In determining the projects in which the Bank will participate, the Bank shall give preference to  
140 projects that (i) maximize the creation of high-quality employment and apprenticeship opportunities for local  
141 workers, consistent with the public interest, especially workers from historically economically disadvantaged  
142 communities, and Virginia communities hosting retired or retiring electric generation facilities, including  
143 workers previously employed at retiring facilities, and (ii) utilize energy technologies produced domestically  
144 that received an advanced manufacturing tax credit under § 45X of the Internal Revenue Code, as allowed  
145 under the federal Inflation Reduction Act of 2022, P.L. 117-169.

146 B. The Bank shall require, for all projects for which the Bank provides financing, that (i) the participants  
147 meet the Bank's underwriting criteria and (ii) any loan made to a homeowner for a project on the  
148 homeowner's residence complies with all applicable state and federal consumer lending laws.

149 **§ 45.2-118. Strategic plan.**

150 A. By December 15, 2026, and each December 15 in even-numbered years thereafter, the Bank shall  
151 develop and adopt a strategic plan that prioritizes the Bank's activities over the next two years. The strategic  
152 plan shall (i) identify targeted underserved markets for qualified projects in Virginia; (ii) develop specific  
153 programs to overcome market impediments through access to Bank financing and technical assistance; and  
154 (iii) develop outreach and marketing strategies designed to make potential project developers, participants,  
155 and communities aware of financing and technical assistance available from the Bank, including the  
156 deployment of community navigators.

157 B. Elements of the strategic plan shall be informed by the Bank's analysis of the market for qualified  
158 projects and by the Bank's experience under the previous strategic plan, including the degree to which  
159 performance targets were or were not achieved by each financing program. In addition, the Bank shall  
160 actively seek input regarding activities that should be included in the strategic plan from stakeholders,  
161 historically economically disadvantaged communities, the general public, and participants, including via  
162 meetings required pursuant to § 45.2-120.

163 C. The Bank shall establish annual targets in a strategic plan for each financing program regarding the  
164 number of projects, level of Bank investments, greenhouse gas emissions reductions, and installed generating  
165 capacity or energy savings the Bank hopes to achieve, including separate targets for Bank activities  
166 undertaken in historically economically disadvantaged communities.

167 D. The Bank's targets and strategies shall be designed to ensure that no less than 40 percent of the direct  
168 benefits of Bank activities flow to historically economically disadvantaged communities.

169 E. The Bank shall submit a draft strategic plan to the Bank Advisory Board no later than August 1 and,  
170 with any feedback from the Bank Advisory Board incorporated therein, to the General Assembly no later than  
171 October 15 in any even-numbered year.

172 **§ 45.2-119. Investment strategy; content; process.**

173 A. No later than December 15, 2026, and every four years thereafter, the Bank shall adopt a long-term  
174 investment strategy to ensure that the Bank's paramount goal to reduce greenhouse gas emissions is reflected  
175 in all of the Bank's operations. The investment strategy shall address:

176 1. The types of qualified projects the Bank should focus on;

177 2. Gaps in current qualified project financing that present the greatest opportunities for successful action  
178 by the Bank;

179 3. How the Bank can best position itself to maximize its impact without displacing, subsidizing, or  
180 assuming risk that should be shared with financing entities;

- 181 4. *Financing tools that will be most effective in achieving the Bank's goals;*  
182 5. *Partnerships the Bank should establish with other organizations to increase the likelihood of success;*  
183 *and*  
184 6. *How values of economic and geographic balance can be integrated into all investment operations of*  
185 *the Bank.*  
186 B. *In developing an investment strategy, the Bank shall consult, at a minimum, with similar organizations*  
187 *in other states, lending authorities, state agencies, utilities, environmental and energy policy nonprofits, and*  
188 *other organizations that can provide valuable advice on the Bank's activities. The Bank shall consult with the*  
189 *Bank Advisory Board, the Department of Environmental Quality, and the Department of Conservation and*  
190 *Recreation to identify and incorporate flood resilience and water quality projects into the investment*  
191 *strategy.*  
192 C. *The long-term investment strategy shall contain provisions ensuring that:*  
193 1. *Bank investments are not made solely to reduce private risk; and*  
194 2. *Private financing entities do not unilaterally control the terms of investments to which the Bank is a*  
195 *party.*  
196 D. *The Bank shall submit a draft long-term investment strategy for comment to each of the groups and*  
197 *individuals with whom the Bank consults pursuant to subsection B and to the General Assembly and shall*  
198 *post the draft strategy on the Bank's website. The Bank shall accept written comments on the draft strategy*  
199 *for at least 30 days and shall consider the comments in preparing the final long-term investment strategy.*  
200 **§ 45.2-120. Public outreach.**  
201 *The Bank shall hold quarterly meetings that are accessible online to update the general public on the*  
202 *Bank's activities, report progress being made in regard to the Bank's strategic plan and long-term investment*  
203 *strategy, and invite audience questions regarding Bank programs.*  
204 **§ 45.2-121. Form and audit of accounts and records.**  
205 A. *The accounts and records of the Bank showing the receipt and disbursement of funds from whatever*  
206 *source derived shall be in such form as the Auditor of Public Accounts prescribes.*  
207 B. *The accounts and records of the Bank are subject to an annual audit by the Auditor of Public Accounts*  
208 *or his legal representative the results of which shall be reported to the Bank Advisory Board and to the*  
209 *Chairs of the Senate Finance and Appropriations Committee and the House Committee on Appropriations.*  
210 **§ 45.2-123. Annual report.**  
211 *The Bank shall submit to the Governor and the General Assembly an annual executive summary of the*  
212 *interim activity and work of the Bank no later than the first day of each regular session of the General*  
213 *Assembly, including a breakdown of the use of funds in the prior year. The executive summary shall be*  
214 *submitted as a report document as provided in the procedures of the Division of Legislative Automated*  
215 *Systems for the processing of legislative documents and reports and shall be posted on the General*  
216 *Assembly's website. The executive summary shall include information regarding efforts supported by the*  
217 *Bank.*