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**HOUSE BILL NO. 1822**

AMENDMENT IN THE NATURE OF A SUBSTITUTE  
(Proposed by the House Committee on Labor and Commerce  
on January 23, 2025)

(Patron Prior to Substitute—Delegate Reid)

*A BILL to amend and reenact § 56-597 of the Code of Virginia, relating to electric utilities; construction of certain electrical transmission lines; advanced conductors.*

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

**1. That § 56-597 of the Code of Virginia is amended and reenacted as follows:**

**§ 56-597. Definitions.**

As used in this chapter:

"Advanced conductors" means *high-temperature low-sag* hardware technology that can conduct electricity across transmission lines and that demonstrates enhanced performance over traditional conductor products. "Advanced conductors" includes *aluminum conductor composite core, aluminum conductor steel supported, aluminum conductor composite reinforced, thermal-resistant aluminum alloy conductor, and any similar technologies.*

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

"Electric utility" means any investor-owned public utility that provides electric energy for use by retail customers, except investor-owned utilities subject to the provisions of § 56-585.8.

"Grid-enhancing technologies" means a set of technologies that maximize the transmission of electricity across the electric distribution grid in a manner that ensures grid reliability and safeguards the cybersecurity and physical security of the electric distribution grid, including storage as a transmission asset, dynamic line rating, power flow control, and topology optimization.

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

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

**2. That the provisions of this act shall become effective on January 1, 2026.**

**3. That in making any determination regarding need, corridor, route, or method of installation as it relates to applications filed pursuant to § 56-46.1 of the Code of Virginia for the construction of any electrical transmission line of 138 kilovolts or more, the State Corporation Commission shall consider the prudence of using advanced conductors, as defined in § 56-597 of the Code of Virginia, as amended by this act.**

HOUSE SUBSTITUTE

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