

SENATE BILL NO. 454

AMENDMENT IN THE NATURE OF A SUBSTITUTE

(Proposed by the Senate Committee on Commerce and Labor

on _____)

(Patron Prior to Substitute--Senator Marsden)

A BILL to amend the Code of Virginia by adding a section numbered 56-585.1:14, relating to electric utilities; recovery of development costs associated with small modular reactor.

Be it enacted by the General Assembly of Virginia:

1. That the Code of Virginia is amended by adding a section numbered 56-585.1:14 as follows:

§ 56-585.1:14. Recovery of development costs associated with small modular reactor.

A. As used in this section:

"Small modular reactor" or "SMR" means a nuclear reactor that produces nuclear power and has a nameplate capacity that does not exceed 500 megawatts of generating capacity per reactor.

"SMR facility" means an SMR or multiple SMRs that generate electricity at a single site.

"SMR project development costs" or "project costs" means all costs associated with the development of one or more SMRs, including costs of evaluation, design, engineering, federal approvals and licensing, environmental analysis and permitting, early site permitting, equipment procurement, and authorized rate of return.

"Utility" means a Phase I Utility or a Phase II Utility, as those terms are defined in subdivision A 1 of § 56-585.1.

B. Notwithstanding any limitation under subdivision A 6 of § 56-585.1, each utility may petition the Commission at any time for approval of a rate adjustment clause pursuant to subdivision A 6 of § 56-585.1 for the recovery of SMR project development costs. Each utility may petition the Commission for up to one SMR facility pursuant to this section. Such utilities may petition the Commission for SMR project development cost recovery along separate development phases and, if the Commission determines such projected or actual project costs to be reasonable and prudent, any such project costs may be

27 recovered by such utilities on a timely and current basis from customers prior to any approval pursuant to
28 subsection D of § 56-580 or the commercial operation date of any such SMR facility. Each utility that
29 petitions the Commission for recovery of SMR project development costs must demonstrate that such
30 utility has evaluated funding opportunities from the U.S. Department of Energy. Nothing in this section
31 shall limit the Commission's discretion to determine whether the proposed SMR project development costs
32 are reasonable and prudent. As part of a final order approving such cost recovery, the Commission may
33 impose a deadline by which the relevant utility must either (i) place an SMR into commercial operation
34 or (ii) sell the permitted site, unless it is at a previously existing nuclear site, and return the proceeds of
35 the sale to customers. The length of such deadline shall be at the Commission's discretion; however, it
36 shall provide the utility a reasonable timeframe in which to obtain all necessary permits and approvals,
37 including allowing for approval by federal agencies such as the Nuclear Regulatory Commission, and
38 completing construction of an SMR.

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