

1 VIRGINIA ACTS OF ASSEMBLY — CHAPTER

2 An Act to amend the Code of Virginia by adding in Article 1 of Chapter 13 of Title 10.1 a section numbered
3 10.1-1322.6, relating to permit requirements for data centers; emission limits for certain engine-
4 generator sets.

5 [H 507]
6 Approved

7 **Be it enacted by the General Assembly of Virginia:**
8 **1. That the Code of Virginia is amended by adding in Article 1 of Chapter 13 of Title 10.1 a section**
9 **numbered 10.1-1322.6 as follows:**

10 **§ 10.1-1322.6. Permits for data centers; emission limits for certain engine-generator sets.**

11 A. As used in this section:

12 "Data center" means the same as that term is defined in subdivision A 43 of § 58.1-3506.

13 "Diesel oxidation catalyst" means a flow-through exhaust device that contains a honeycomb structure
14 covered with a layer of chemical catalyst containing small amounts of precious metal such as platinum or
15 palladium that interact with and oxidize pollutants, including carbon monoxide and unburned hydrocarbons,
16 in the exhaust stream, thereby reducing carbon monoxide emissions.

17 "Diesel particulate filter" means an emission control technology that reduces particulate matter emissions
18 by trapping the particles in a flow filter substrate and periodically removes the collected particles by either
19 physical action or by oxidizing or burning off the particles in a process called regeneration.

20 "Engine-generator set" or "gen-set" means the combination of an electrical generator and an engine
21 mounted together to form a single piece of equipment.

22 "Selective catalytic reduction" means a control device that reduces the exhaust gas concentration of
23 nitrogen oxides by injecting an ammonia solution or urea into the exhaust gas stream, which in the presence
24 of a catalyst, reacts with the nitrogen oxides to form nitrogen gas and water vapor.

25 "Tier 4 equivalent" means a gen-set with a selective catalytic reduction system or equivalent for nitrogen
26 oxides control, a diesel oxidation catalyst system or equivalent for carbon monoxide control, and a diesel
27 particulate filter or equivalent for particulate matter control.

28 B. For any application submitted for a data center on or after July 1, 2026, for a permit issued by the
29 Department pursuant to this chapter, including coverage under any general permit, the Department shall not
30 issue such permit unless the emission limit for each gen-set established by such permit is equal to or less than
31 the emissions achieved by a Tier 4 equivalent gen-set.

32 C. Nothing in this section shall be construed to prevent the Department from (i) determining the Best
33 Available Control Technology, Lowest Achievable Emission Rate, Reasonably Available Control Technology,
34 any New Source Performance Standard, or any National Emission Standards for Hazardous Air Pollutants or
35 (ii) establishing in a permit issued by the Department pursuant to this chapter more stringent emission limits
36 than those achieved by a Tier 4 equivalent gen-set.