

1 (3) any recommendations of the Secretary to
2 further accelerate the transition to smart buildings.

3 **SEC. 1008. MODIFICATIONS TO THE CEILING FAN ENERGY**
4 **CONSERVATION STANDARD.**

5 (a) IN GENERAL.—Section 325(ff)(6) of the Energy
6 Policy and Conservation Act (42 U.S.C. 6295(ff)(6)) is
7 amended by adding at the end the following:

8 “(C)(i) Large-diameter ceiling fans manufactured on
9 or after January 21, 2020, shall—

10 “(I) not be required to meet minimum ceiling
11 fan efficiency in terms of ratio of the total airflow
12 to the total power consumption as described in the
13 final rule titled ‘Energy Conservation Program: En-
14 ergy Conservation Standards for Ceiling Fans’ (82
15 Fed. Reg. 6826 (January 19, 2017)); and

16 “(II) have a CFEI greater than or equal to—

17 “(aa) 1.00 at high speed; and

18 “(bb) 1.31 at 40 percent speed or the
19 nearest speed that is not less than 40 percent
20 speed.

21 “(ii) For purposes of this subparagraph, the term
22 ‘CFEI’ means the Fan Energy Index for large-diameter
23 ceiling fans, calculated in accordance with ANSI/AMCA
24 Standard 208–18 titled ‘Calculation of the Fan Energy
25 Index’, with the following modifications:

1 “(I) Using an Airflow Constant (Q_0) of 26,500
2 cubic feet per minute.

3 “(II) Using a Pressure Constant (P_0) of 0.0027
4 inches water gauge.

5 “(III) Using a Fan Efficiency Constant (η_0) of
6 42 percent.”.

7 (b) REVISION.—For purposes of section 325(m) of
8 the Energy Policy and Conservation Act (42 U.S.C.
9 6295(m)), the standard established in section
10 325(ff)(6)(C) of such Act (as added by subsection (a) of
11 this section) shall be treated as if such standard was
12 issued on January 19, 2017.

13 **SEC. 1009. REPORT ON ELECTROCHROMIC GLASS.**

14 (a) DEFINITION OF ELECTROCHROMIC GLASS.—In
15 this section, the term “electrochromic glass” means glass
16 that uses electricity to change the light transmittance
17 properties of the glass to heat or cool a structure.

18 (b) REPORT.—Not later than 1 year after the date
19 of enactment of this Act, the Secretary of Energy, in col-
20 laboration with the heads of other relevant agencies, shall
21 submit to the Committee on Energy and Natural Re-
22 sources of the Senate and the Committee on Energy and
23 Commerce of the House of Representatives a report that
24 addresses the benefits of electrochromic glass, including
25 the following: