

107TH CONGRESS  
1ST SESSION

# H. R. 2116

To reduce emissions from Tennessee Valley Authority electric powerplants,  
and for other purposes.

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IN THE HOUSE OF REPRESENTATIVES

JUNE 7, 2001

Mr. TAYLOR of North Carolina introduced the following bill; which was  
referred to the Committee on Energy and Commerce

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## A BILL

To reduce emissions from Tennessee Valley Authority electric  
powerplants, and for other purposes.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

3       **SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “Great Smoky Moun-  
5       tains Clean Air Act of 2001”.

6       **SEC. 2. REDUCING EMISSIONS FROM TVA POWERPLANTS.**

7       Part A of title I of the Clean Air Act (42 U.S.C. 7401  
8       et seq.) is amended by adding at the end the following  
9       section:

1 **“SEC. 132. REDUCING EMISSIONS FROM TVA POWER-**  
2 **PLANTS.**

3 “(a) EMISSION REDUCTION OBJECTIVES.—The emis-  
4 sions reduction objectives of this section are to—

5 “(1) reduce aggregate sulfur dioxide emissions  
6 from TVA powerplants from 1997 levels by 75 per-  
7 cent by January 1, 2007;

8 “(2) reduce aggregate emission of nitrogen ox-  
9 ides from TVA powerplants from 1997 levels by 75  
10 percent by January 1, 2007;

11 “(3) reduce aggregate carbon dioxide emissions  
12 from TVA powerplants by January 1, 2007, to the  
13 level of carbon dioxide emissions from TVA power-  
14 plants in 1990; and

15 “(4) reduce aggregate mercury emissions from  
16 TVA powerplants from 1997 levels by 90 percent by  
17 January 1, 2007.

18 “(b) AGENCY ACTION.—Not later than 2 years after  
19 the enactment of this section, the Administrator shall pro-  
20 mulgate regulations to achieve the emissions reduction ob-  
21 jectives specified in subsection (a). Such regulations shall  
22 achieve the objectives in a manner that the Administrator  
23 determines will allocate required emission reductions equi-  
24 tably, taking into account emission reductions achieved  
25 prior to enactment of this section and other relevant fac-  
26 tors. Such regulations shall prevent localized adverse ef-

1 fects on public health and the environment and shall pro-  
2 hibit emission trading.

3 “(c) ADDITIONAL REDUCTIONS.—The Administrator  
4 may require additional reductions in emissions from TVA  
5 powerplants in the regulations under subsection (b) if the  
6 Administrator determines that the emissions levels nec-  
7 essary to achieve the objectives specified in subsection (a)  
8 would not be reasonably anticipated to protect public  
9 health or welfare.

10 “(d) MODERNIZATION OF OUTDATED POWER-  
11 PLANTS.—(1) On the later of the date that is 30 years  
12 after the TVA powerplant commenced operation or 5 years  
13 after the enactment of this section, every outdated TVA  
14 powerplant shall comply with the most recent new source  
15 performance standards promulgated under section 111,  
16 and with the requirements under subparts C and D of this  
17 Act, applicable to modified sources.

18 “(2) The requirements of this subsection shall be in  
19 addition to the requirements of regulations issued under  
20 subsection (b).

21 “(e) OTHER REQUIREMENTS.—This section shall not  
22 affect the application of any other requirements of this  
23 Act.

24 “(f) LIMITATION ON LAKE DRAWDOWNS.—Notwith-  
25 standing any other requirements of this Act, the TVA

1 shall not increase the generation of hydroelectric energy  
2 at any dam or reservoir in its possession and control in  
3 order to achieve the objectives specified in subsection (a),  
4 if any such increase in generation would require a draw-  
5 down of any contiguous lake or reservoir between Memo-  
6 rial Day and August 1 in any calendar year.

7 “(g) DEFINITION OF POWERPLANT.—For purposes  
8 of this section:

9 “(1) The term ‘TVA’ means the Tennessee Val-  
10 ley Authority.

11 “(2) The term ‘TVA powerplant’ means an  
12 electric generation facility operated under the au-  
13 thority of the Tennessee Valley Authority Act of  
14 1933 (16 U.S.C. 831 et seq.) with a nameplate ca-  
15 pacity of 15 megawatts or greater that uses a com-  
16 bustion device to generate electricity for sale.

17 “(3) The term ‘outdated TVA powerplant’  
18 means a TVA powerplant that has been in operation  
19 for 30 years or more. Any period during which a  
20 TVA powerplant is out of service shall not be taken  
21 into account for purposes of calculating the 30-year  
22 period.”.

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