



2013 SENATE BILL 371

1 **AN ACT** *to create* 285.27 (3m) of the statutes; **relating to:** nitrogen oxide
2 emission standards for certain simple cycle combustion turbines.

Analysis by the Legislative Reference Bureau

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

3 **SECTION 1.** 285.27 (3m) of the statutes is created to read:

4 285.27 **(3m)** EXEMPTION FROM STANDARDS FOR CERTAIN COMBUSTION TURBINES. (a)

5 In this subsection, “combustion turbine” means a simple cycle combustion turbine.

6 (b) The performance standards promulgated by the department under NR
7 428.04 (2) (g) 1. a. and 2. a., Wis. Adm. Code, do not apply to a combustion turbine
8 that undergoes a modification on or after February 1, 2001 if all of the following
9 apply:

10 1. The department and the federal environmental protection agency find that
11 the owner or operator of the combustion turbine has satisfactorily demonstrated that

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1 equipping the turbine with a dry low nitrogen oxide combustion system is not
2 technologically or economically feasible or a dry low nitrogen oxide combustion
3 system is not commercially available from the manufacturer of the combustion
4 turbine.

5 2. The federal environmental protection agency concurs, in writing, with the
6 department's finding under subd. 1.

7 3. The owner or operator of the combustion turbine controls nitrogen oxide
8 emissions during operation of the combustion turbine by injecting water into the
9 combustion turbine according to the manufacturer's specifications.

10 4. The concentration of nitrogen oxide emitted from the combustion turbine
11 does not exceed 25 parts per million dry volume, corrected to 15 percent oxygen, on
12 a 30 day rolling average basis during combustion of gaseous fuels and does not exceed
13 65 parts per million dry volume, corrected to 15 percent oxygen, on a 30 day rolling
14 average basis during combustion of distillate fuels.

15 (c) The department shall determine whether a combustion turbine undergoes
16 a modification under par. (b) in accordance with NR 428.04 (1), Wis. Adm. Code.

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(END)