

Senate File 485

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1 1 Section 1. Section 455B.131, Code 2007, is amended by
1 2 adding the following new subsection:

1 3 NEW SUBSECTION. 6A. "Greenhouse gas" means carbon
1 4 dioxide, methane, nitrous oxide, hydrofluorocarbons,
1 5 perfluorocarbons, and sulfur hexafluoride.

1 6 Sec. 2. Section 455B.134, subsection 3, paragraph d, Code
1 7 2007, is amended to read as follows:

1 8 d. (1) All applications for conditional permits for
1 9 electric power generating facilities shall be subject to such
1 10 notice and opportunity for public participation as may be
1 11 consistent with chapter 476A or any agreement pursuant thereto
1 12 under chapter 28E. The applicant or intervenor may appeal to
1 13 the commission from the denial of a conditional permit or any
1 14 of its conditions. For the purposes of chapter 476A, the
1 15 issuance or denial of a conditional permit by the director or
1 16 by the commission upon appeal shall be a determination that
1 17 the electric power generating facility does or does not meet
1 18 the permit and licensing requirements of the commission. The
1 19 issuance of a conditional permit shall not relieve the
1 20 applicant of the responsibility to submit final and detailed
1 21 construction plans and drawings and an application for a
1 22 construction permit for control equipment that will meet the
1 23 emission limitations established in the conditional permit.

1 24 (2) In applications for conditional permits for electric
1 25 power generating facilities the applicant shall quantify the
1 26 potential to emit greenhouse gas emissions due to the proposed
1 27 project.

1 28 Sec. 3. Section 455B.134, subsection 3, Code 2007, is
1 29 amended by adding the following new paragraph:

1 30 NEW PARAGRAPH. g. All applications for construction
1 31 permits or prevention of significant deterioration permits
1 32 shall quantify the potential to emit greenhouse gas emissions
1 33 due to the proposed project.

1 34 Sec. 4. NEW SECTION. 455B.152 GREENHOUSE GAS INVENTORY
1 35 AND REGISTRY.

2 1 1. DEFINITIONS. For purposes of this section, "greenhouse
2 2 gas" means carbon dioxide, methane, nitrous oxide,
2 3 hydrofluorocarbons, perfluorocarbons, or sulphur hexafluoride.

2 4 2. GREENHOUSE GAS INVENTORY.

2 5 a. By January 1, 2008, the department shall establish a
2 6 method for collecting data from producers of greenhouse gases
2 7 regarding generated greenhouse gases. The data collection
2 8 method shall provide for mandatory reporting to collect
2 9 information from affected entities individually and shall
2 10 include information regarding the amount and type of
2 11 greenhouse gases generated, the type of source, and other
2 12 information deemed relevant by the department in developing a

2 13 baseline measure of greenhouse gases produced in the state.
2 14 b. The department may allow a series of reporting
2 15 requirements to be phased in over a period of time and may
2 16 provide for phasing in by producer sector, geographic area,
2 17 size of producer, or other factors. The reporting
2 18 requirements shall apply to the departments, agencies, boards,
2 19 and commissions of the state, in addition to any other
2 20 entities subject to the reporting requirements established by
2 21 the department.

2 22 3. GREENHOUSE GAS REGISTRY.

2 23 a. The department shall establish a voluntary greenhouse
2 24 gas registry for purposes of cooperating with other states in
2 25 tracking, managing, and crediting entities in the state that
2 26 reduce their generation of greenhouse gases or that provide
2 27 increased energy efficiency.

2 28 b. The department shall develop a mechanism to coordinate
2 29 the information obtained in the greenhouse gas inventory with
2 30 the greenhouse gas registry.

2 31 4. AVAILABILITY. By January 1, 2009, the greenhouse gas
2 32 registry shall be made available on an internet website.

2 33 Sec. 5. NEW SECTION. 455B.851 IOWA CLIMATE CHANGE
2 34 ADVISORY COUNCIL.

2 35 1. The department shall create an Iowa climate change
3 1 advisory council consisting of twenty=three voting members
3 2 serving three=year staggered terms and four nonvoting, ex
3 3 officio members.

3 4 2. a. The voting members shall be appointed by the
3 5 governor and shall represent the following:

3 6 (1) The university of Iowa center for global and regional
3 7 environmental research.

3 8 (2) The university of northern Iowa center for energy and
3 9 environmental education.

3 10 (3) The Iowa farm bureau.

3 11 (4) The Iowa public transit association.

3 12 (5) Rural electric cooperatives.

3 13 (6) Investor=owned utilities.

3 14 (7) Municipal utilities.

3 15 (8) The Iowa utilities board.

3 16 (9) One association with environmental interests or
3 17 activities.

3 18 (10) One association with conservation interests or
3 19 activities.

3 20 (11) The international brotherhood of electrical workers.

3 21 (12) The Iowa association of business and industry.

3 22 (13) The Iowa energy center.

3 23 (14) The Iowa renewable fuels association.

3 24 (15) The office of consumer advocate of the department of
3 25 justice.

3 26 (16) A representative from local government.

3 27 (17) The director of the office of energy independence.

3 28 (18) A manufacturer of equipment used for alternative
3 29 energy production.

3 30 (19) The department of agronomy at Iowa state university
3 31 of science and technology.

3 32 (20) Four members of the general public.

3 33 b. The four nonvoting, ex officio members shall consist of
3 34 four members of the general assembly, two from the senate and

3 35 two from the house of representatives, with not more than one
4 1 member from each chamber being from the same political party.
4 2 The two senators shall be designated by the majority leader of
4 3 the senate after consultation with the president and the
4 4 minority leader of the senate. The two representatives shall
4 5 be designated by the speaker of the house of representatives
4 6 after consultation with the majority and minority leaders of
4 7 the house of representatives.

4 8 3. Voting members of the council shall serve at the
4 9 pleasure of the governor and shall serve without compensation.

4 10 4. The chairperson of the council shall be designated by
4 11 the governor and may convene the council at any time.

4 12 5. A vacancy in the membership shall not impair the right
4 13 of a quorum to exercise all the rights and perform all the
4 14 duties of the council. A majority of the council members then
4 15 appointed constitutes a quorum. A majority vote of the quorum
4 16 is required for council action.

4 17 6. The department shall provide necessary staff assistance
4 18 to the council.

4 19 7. After consideration of a full range of policies and
4 20 strategies, including the cost=effectiveness of the
4 21 strategies, the council shall develop multiple scenarios
4 22 designed to reduce statewide greenhouse gas emissions
4 23 including one scenario that would reduce such emissions by
4 24 fifty percent by 2050. The council shall also develop
4 25 short=term, medium=term, and long=term scenarios designed to
4 26 reduce statewide greenhouse gas emissions and shall consider
4 27 the cost=effectiveness of the scenarios. The council shall
4 28 establish a baseline year for purposes of calculating
4 29 reductions in statewide greenhouse gas emissions. The council
4 30 shall submit the proposal to the governor and the general
4 31 assembly by January 1, 2008.

4 32 8. The council may periodically adopt recommendations
4 33 designed to encourage the reduction of statewide greenhouse
4 34 gas emissions.

4 35 9. By September 1 of each year, the department shall
5 1 submit a report to the governor and the general assembly
5 2 regarding the greenhouse gas emissions in the state during the
5 3 previous calendar year and forecasting trends in such
5 4 emissions. The first submission by the department shall be
5 5 filed by September 1, 2008, for the calendar year beginning
5 6 January 1, 2007.

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