

First Regular Session
Sixty-sixth General Assembly
STATE OF COLORADO

INTRODUCED

LLS NO. 07-0490.02 Thomas Morris

HOUSE BILL 07-1203

HOUSE SPONSORSHIP

Fischer,

SENATE SPONSORSHIP

Romer,

House Committees

Transportation & Energy

Senate Committees

A BILL FOR AN ACT

101 **CONCERNING GRANTS ADMINISTERED BY THE GOVERNOR'S OFFICE OF**
102 **ENERGY MANAGEMENT AND CONSERVATION REGARDING**
103 **ENERGY, AND, IN CONNECTION THEREWITH, AUTHORIZING A**
104 **COLORADO ENERGY PROFILE AND A COUNTY-LEVEL CARBON**
105 **SEQUESTRATION STUDY.**

Bill Summary

(Note: This summary applies to this bill as introduced and does not necessarily reflect any amendments that may be subsequently adopted.)

Authorizes the expenditure of \$175,000 for a grant to Colorado State University's natural resources ecology lab to conduct a county-level study regarding the baseline amount of carbon that may be stored in soil

Shading denotes HOUSE amendment. Double underlining denotes SENATE amendment.
Capital letters indicate new material to be added to existing statute.
Dashes through the words indicate deletions from existing statute.

in Colorado to facilitate the creation of a Colorado-based market in carbon sequestration credits. Authorizes the expenditure of \$319,000 for a grant to the school of law of the university of Colorado to develop, in conjunction with the Colorado energy research institute at the Colorado school of mines, a Colorado energy profile. Requires reports on the grants to be submitted to the general assembly by March 15, 2009.

1 *Be it enacted by the General Assembly of the State of Colorado:*

2 **SECTION 1.** 25-1-1303, Colorado Revised Statutes, is amended
3 to read:

4 **25-1-1303. Grants for research - reports to general assembly**
5 **- repeal of part.** (1) The department of public health and environment
6 AND THE GOVERNOR'S OFFICE OF ENERGY MANAGEMENT AND
7 CONSERVATION, OR ANALOGOUS SUCCESSOR OFFICE, shall administer a
8 ~~program~~ PROGRAMS to award grants pursuant to this section.

9 (2) THE DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
10 SHALL AWARD:

11 (a) A grant of fifty thousand dollars ~~shall be awarded~~ to Colorado
12 state university to conduct research on the potential for the use of
13 terrestrial carbon sequestration in agricultural, rangeland, and forest soils
14 as a technique for mitigating the emissions of greenhouse gases in the
15 state;

16 (b) A grant of fifty thousand dollars ~~shall be awarded~~ to the
17 Colorado school of mines to conduct research on the potential for the use
18 of geologic carbon sequestration as a technique for mitigating the
19 emissions of greenhouse gases in the state;

20 (c) A grant of thirty-five thousand dollars ~~shall be awarded~~ to the
21 university of Colorado to conduct research on the emerging international
22 and domestic markets in greenhouse gas emissions and to conduct

1 research on private firms in various economic sectors that are reducing
2 emissions of greenhouse gases.

3 (3) THE GOVERNOR'S OFFICE OF ENERGY MANAGEMENT AND
4 CONSERVATION, OR ANALOGOUS SUCCESSOR OFFICE, SHALL AWARD:

5 (a) A GRANT OF ONE HUNDRED SEVENTY-FIVE THOUSAND DOLLARS
6 TO COLORADO STATE UNIVERSITY TO CARRY OUT A COUNTY-LEVEL
7 APPRAISAL OF CARBON STOCKS AND CARBON SEQUESTRATION AND
8 GREENHOUSE GAS MITIGATION POTENTIAL, WHICH APPRAISAL SHALL
9 INCLUDE THE FOLLOWING ELEMENTS:

10 (I) BASELINE INFORMATION ON LAND USE AND MANAGEMENT
11 PRACTICES THROUGHOUT THE STATE;

12 (II) ESTIMATES OF CURRENT SOIL CARBON STOCKS AND
13 TRAJECTORIES;

14 (III) ASSESSMENTS OF THE POTENTIAL FOR CARBON
15 SEQUESTRATION AND AGRICULTURAL BIOENERGY PRODUCTION IN THE
16 STATE. FOR PURPOSES OF THIS SUBPARAGRAPH (III), "AGRICULTURAL
17 BIOENERGY PRODUCTION" MEANS THE AGRICULTURAL PRODUCTION OF
18 GRAIN OR BIOMASS THAT IS TO BE USED TO GENERATE ELECTRICITY OR
19 HEAT FOR AGRICULTURAL, MUNICIPAL, OR INDUSTRIAL USE OR THAT IS TO
20 BE CONVERTED INTO DIESEL, ETHANOL, HYDROGEN GAS, OR OTHER FUELS
21 FOR ENERGY PRODUCTION OR TRANSPORTATION.

22 (IV) DEVELOPMENT OF COUNTY-LEVEL CARBON SEQUESTRATION
23 DATABASES; AND

24 (V) DEVELOPMENT OF A DECISION SUPPORT TOOL FOR FARM USE;

25 (b) A GRANT OF THREE HUNDRED SIXTEEN THOUSAND DOLLARS TO
26 THE SCHOOL OF LAW OF THE UNIVERSITY OF COLORADO TO DEVELOP, IN
27 CONJUNCTION WITH THE COLORADO ENERGY RESEARCH INSTITUTE AT THE

1 COLORADO SCHOOL OF MINES, A COLORADO ENERGY PROFILE THAT
2 PROVIDES UP-TO-DATE AND COMPREHENSIVE STATISTICS, DATA, AND
3 POLICY-NEUTRAL ANALYSIS CONCERNING COLORADO'S CURRENT AND
4 PROJECTED FUTURE ENERGY RESOURCES. THE SCHOOL OF LAW SHALL
5 SERVE AS THE ADMINISTRATIVE COORDINATOR OF THE PROCESS WITH
6 RESPECT TO THE RECEIPT AND DISTRIBUTION OF PROJECT MONEYS AND
7 SHALL BE THE LEAD AGENCY RESPONSIBLE FOR THE CREATION OF THE
8 PROFILE. THE PROFILE SHALL INCLUDE THE FOLLOWING ELEMENTS:

9 (I) DETAILED BASELINE INFORMATION ON THE SUPPLY,
10 PRODUCTION, GENERATION, TRANSMISSION, AND CONSUMPTION OF
11 ENERGY THROUGHOUT THE STATE, INCLUDING RESIDENTIAL, COMMERCIAL,
12 INDUSTRIAL, TRANSPORTATION, AND ELECTRICITY SECTORS;

13 (II) STATISTICAL INFORMATION CONCERNING THE IMPORT AND
14 EXPORT OF PRIMARY AND SECONDARY ENERGY RESOURCES THROUGHOUT
15 THE STATE; ENERGY SAVINGS CURRENTLY ACHIEVED AS A RESULT OF
16 ENERGY CONSERVATION AND ENERGY EFFICIENCY MEASURES IN THE
17 RESIDENTIAL, COMMERCIAL, INDUSTRIAL, TRANSPORTATION, AND
18 ELECTRICITY SECTORS; AND THE CURRENT STATUS OF COLORADO'S
19 ENERGY INFRASTRUCTURE, INCLUDING REFINERIES, ELECTRICITY
20 GENERATION FACILITIES, AND TRANSMISSION LINES;

21 (III) STATISTICAL INFORMATION AND OTHER RELEVANT DATA
22 CONCERNING EMISSIONS AND OTHER FORMS OF POLLUTION CAUSED BY
23 EXTRACTING, PROCESSING, TRANSPORTING, AND CONSUMING ENERGY
24 THROUGHOUT THE STATE;

25 (IV) DETAILED PRICING INFORMATION AS IT RELATES TO THE
26 PRODUCTION AND CONSUMPTION OF ENERGY IN THE RESIDENTIAL,
27 COMMERCIAL, INDUSTRIAL, TRANSPORTATION, AND ELECTRICITY SECTORS,

1 INCLUDING INFORMATION ON ENERGY PRODUCED FROM FOSSIL FUELS,
2 RENEWABLE RESOURCES, OR BOTH;

3 (V) IDENTIFICATION AND ANALYSIS OF ANY INFORMATIONAL GAPS,
4 QUALITY ISSUES, OR OTHER CONCERNS THAT MAY EXIST WITH RESPECT TO
5 INFORMATION AVAILABLE ON THE SUPPLY, PRODUCTION, GENERATION,
6 TRANSMISSION, DISTRIBUTION, AND CONSUMPTION OF ENERGY
7 THROUGHOUT THE STATE;

8 (VI) DEVELOPMENT AND ANALYSIS OF POTENTIAL FUTURE
9 SCENARIOS REGARDING THE SUPPLY AND DEMAND OF RENEWABLE ENERGY
10 THROUGHOUT THE STATE; AND

11 (VII) CREATION OF AN ON-LINE, SEARCHABLE, AND PUBLIC
12 DATABASE OF INFORMATION PERTAINING TO COLORADO'S CURRENT AND
13 FUTURE ENERGY RESOURCES. THE SCHOOL OF LAW SHALL ALSO MAKE THE
14 RESULTS OF RESEARCH CONDUCTED PURSUANT TO THIS SUBPARAGRAPH
15 (II) AVAILABLE BOTH ON LINE AND AS A TANGIBLE, PRINTED PUBLICATION
16 CALLED THE "COLORADO ENERGY PROFILE".

17 ~~(3)~~ (4) Each recipient of a grant awarded pursuant to this section
18 shall report the results of the research conducted under the grant to the
19 agriculture committees of the senate and the house of representatives no
20 later than:

21 (a) March 15, 2007, FOR GRANTS AWARDED PRIOR TO JANUARY 1,
22 2007;

23 (b) MARCH 15, 2009, FOR GRANTS AWARDED ON OR AFTER
24 JANUARY 1, 2007.

25 (5) THIS PART 13 IS REPEALED, EFFECTIVE JULY 1, 2010.

26 **SECTION 2. Safety clause.** The general assembly hereby finds,

- 1 determines, and declares that this act is necessary for the immediate
- 2 preservation of the public peace, health, and safety.