Second Regular Session Seventy-fourth General Assembly STATE OF COLORADO

ENGROSSED

This Version Includes All Amendments Adopted on Second Reading in the House of Introduction

LLS NO. 24-1175.01 Caroline Martin x5902

SENATE BILL 24-214

SENATE SPONSORSHIP

Hansen and Cutter,

HOUSE SPONSORSHIP

Amabile and McCormick,

Senate Committees

House Committees

Transportation & Energy Appropriations

A BILL FOR AN ACT

101	CONCERNING THE IMPLEMENTATION OF STATE CLIMATE GOALS, AND
102	IN CONNECTION THEREWITH, MAKING AND REDUCING AN
103	APPROPRIATION.

Bill Summary

(Note: This summary applies to this bill as introduced and does not reflect any amendments that may be subsequently adopted. If this bill passes third reading in the house of introduction, a bill summary that applies to the reengrossed version of this bill will be available at http://leg.colorado.gov.)

Section 1 of the bill creates the office of sustainability in the department of personnel (department). The office of sustainability is required to work with state agencies and institutions of higher education to implement environmentally sustainable practices. The powers, duties, and functions of the office of sustainability include:

- Providing leadership to and requiring accountability from state agencies regarding ongoing sustainability initiatives;
- Developing baseline metrics and goals for reduction of negative environmental impacts and tracking state agencies' performance in achieving the goals;
- Tracking the amount of money the state saves as a result of implementing sustainable practices;
- Seeking and applying for federal funding and other grant opportunities that would support sustainable practices within state agencies;
- Assisting state agencies in implementing sustainable procurement methods and introducing options for environmentally preferable products or services to state agencies;
- Assisting state agencies in installing energy-efficient equipment and fixtures;
- Assisting state agencies in meeting building performance standards such as those administered by the Colorado energy office;
- Coordinating and assisting in planning and constructing state agencies' electric vehicle charging infrastructure and ensuring utilization of such infrastructure;
- Instituting water reduction initiatives, including but not limited to the installation of water-conserving fixtures and plants on state property;
- Assisting state agencies in transitioning from gas-powered to electric equipment;
- Implementing statewide waste diversion practices to increase state agencies' recycling rates;
- Developing commuting opportunities for state employees that reduce greenhouse gas emissions and other pollution;
- Assisting state agencies in developing training programs to educate state employees on sustainable practices; and
- Conducting other activities as directed by the general assembly or the governor.

The bill creates the state agency sustainability revolving fund (revolving fund) and directs the state treasurer to transfer \$540,230 from the general fund to the revolving fund. The bill specifies that the office of sustainability may use the money in the revolving fund for the purposes of operating the office and replacing the state's gas- and diesel-powered equipment located in ozone nonattainment areas as designated by the U.S. environmental protection agency.

In addition, the bill requires the office of sustainability to review and coordinate state agencies' applications for elective pay funding available under the federal "Inflation Reduction Act of 2022" (act), and

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to work with the office of the state controller to coordinate central submissions of elective pay applications by advising and assisting state agencies in submitting and centrally filing those applications and by providing technical assistance to state agencies on elective pay.

The bill also creates the inflation reduction act elective pay cash fund (cash fund), which consists of money received by the department pursuant to the elective pay provisions of the act, all of which must be deposited into the cash fund to be used for the purposes of the office.

Section 2 specifies that the office of sustainability is a type 2 entity under the administrative organization act.

Section 3 makes several clarifications regarding the geothermal energy grant program (grant program), including specifying that:

- The grant program applies to both heating-only and combined heating and cooling systems;
- At least 25% of the grant money must be awarded to eligible entities from or projects in low-income, disproportionately impacted, or just transition communities; and
- The Colorado energy office may utilize grant program money to support education, outreach, and engagement with the general public and relevant stakeholders to facilitate the growth of the geothermal sector and awareness of relevant state programs in Colorado.

Section 4 extends the deadline for the energy code board to develop a model low energy and carbon code and specifies that the model low energy and carbon code can include appendices and resources to the international energy conservation code.

Section 5 decreases the amount of money the Colorado energy office can issue in grants to local governments to support their adoption and enforcement of the 2021 international energy conservation code, an electric ready and solar ready code, and a low energy and carbon code by \$125,000 and increases the amount the treasurer is required to transfer into the energy fund to \$275,000.

Section 6 clarifies that, for purposes of the industrial clean energy tax credit, an industrial study includes a pre-front-end or front-end engineering design study that meets or exceeds the standards established by the Colorado energy office or any other industrial studies as outlined in program standards, and that an owner includes a project developer. Section 6 also increases the amount of the credit that can be claimed to \$8 million, and specifies that an owner that claims the industrial clean energy tax credit cannot, for the same greenhouse gas emission reduction improvements, claim the enterprise zone investment tax credit or receive grant money under the industrial and manufacturing operations clean air grant program.

Section 7 clarifies several definitions related to the tax credit for

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expenditures made in connection with a geothermal energy project and adds several definitions. **Section 7** also adds tribal governments as eligible taxpayers pursuant to the tax credit.

Section 8 adds tribal governments as qualified entities pursuant to the geothermal electricity generation production tax credit, and requires the Colorado energy office to annually review and evaluate the effectiveness of the tax credit.

Section 9 clarifies the definition of "air-source heat pump system" pursuant to the heat pump technology and thermal energy network tax credit and allows the Colorado energy office to review and modify more credit amounts and create certificate maximums related to the heat pump technology and thermal energy network tax credit.

Section 10 clarifies that certain provisions related to the clean hydrogen tax credit are subject to rules adopted by the public utilities commission.

Section 11 advances the deadline by which the treasurer must repay all administrative costs to the industrial and manufacturing operations clean air grant program cash fund, the geothermal energy grant fund, the community access to electric bicycles cash fund, and the electrifying school buses grant program cash fund to June 30, 2024.

1 Be it enacted by the General Assembly of the State of Colorado: 2 **SECTION 1.** In Colorado Revised Statutes, **add** part 23 to article 3 30 of title 24 as follows: **PART 23** 4 5 OFFICE OF SUSTAINABILITY 6 **24-30-2301.** Legislative declaration. The General assembly 7 HEREBY FINDS AND DECLARES THAT: 8 (1) THE STATE SHOULD BE A LEADER IN SUSTAINABILITY AND 9 SHOULD OFFER SUSTAINABLE PRACTICES TO STATE AGENCIES AS A CORE 10 ADMINISTRATIVE SERVICE; 11 (2) REDUCING THE STATE'S OPERATING AND ENERGY COSTS 12 SUPPORTS A VIBRANT AND DIVERSE ECONOMY AND SAVES TAXPAYERS 13 MONEY; 14 (3) ENSURING STATE COMPLIANCE WITH ENVIRONMENTAL

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I	MANDATES IS CRITICAL TO THE FUTURE OF OUR STATE AND OUR NATION;
2	(4) SUSTAINABLE STATE AGENCY OPERATIONS CONSERVE WATER
3	AND OFFSET THE ESTIMATED FUTURE WATER NEEDS OF UP TO SEVEN
4	HUNDRED FORTY THOUSAND ADDITIONAL ACRE FEET AS OUTLINED IN THE
5	2023 COLORADO WATER PLAN ADOPTED BY THE COLORADO WATER
6	CONSERVATION BOARD; AND
7	(5) COORDINATING SUSTAINABLE PRACTICES IS BEST
8	ACCOMPLISHED THROUGH THE CREATION OF AN OFFICE FOCUSED ON THE
9	STATE'S OPERATIONS, CAPITAL CONSTRUCTION PROJECTS, AND
10	PROCUREMENT.
11	24-30-2302. Definitions. AS USED IN THIS PART 23, UNLESS THE
12	CONTEXT OTHERWISE REQUIRES:
13	(1) "DEPARTMENT" MEANS THE DEPARTMENT OF PERSONNEL.
14	(2) "Environmentally preferable products or services"
15	MEANS PRODUCTS OR SERVICES THAT CREATE FEWER OR LESS SEVERE
16	NEGATIVE IMPACTS ON THE NATURAL ENVIRONMENT WHEN COMPARED TO
17	SIMILAR PRODUCTS OR SERVICES.
18	(3) "SUSTAINABILITY" MEANS THE MINIMIZATION OF NEGATIVE
19	IMPACTS ON THE NATURAL ENVIRONMENT, WHICH INCLUDE BUT ARE NOT
20	LIMITED TO EMISSIONS OF GREENHOUSE GASES, CLIMATE CHANGE,
21	INCREASED WATER CONSUMPTION OR WATER WASTE, POLLUTION,
22	NONRENEWABLE ENERGY USAGE, AND OVER-CONSUMPTION OR WASTE OF
23	RESOURCES.
24	(4) "SUSTAINABLE PRACTICE" MEANS A PRACTICE THAT INCREASES
25	SUSTAINABILITY BY REDUCING ONE OR MORE NEGATIVE IMPACTS ON THE
26	NATURAL ENVIRONMENT.
27	24-30-2303. Office of sustainability - creation - duties. (1) THE

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1	OFFICE OF SUSTAINABILITY IS HEREBY CREATED IN THE DEPARTMENT. I HE
2	OFFICE IS A TYPE 2 ENTITY, AS DEFINED IN SECTION 24-1-105, AND
3	EXERCISES ITS POWERS AND PERFORMS ITS DUTIES AND FUNCTIONS UNDER
4	THE DEPARTMENT. THE OFFICE SHALL WORK WITH STATE AGENCIES AND
5	STATE INSTITUTIONS OF HIGHER EDUCATION TO IMPLEMENT SUSTAINABLE
6	PRACTICES.
7	(2) The powers, duties, and functions of the office include:
8	(a) Providing leadership to and requiring accountability
9	FROM STATE AGENCIES REGARDING ONGOING SUSTAINABILITY
10	INITIATIVES;
11	(b) DEVELOPING BASELINE METRICS AND GOALS FOR THE
12	REDUCTION OF NEGATIVE ENVIRONMENTAL IMPACTS AND TRACKING STATE
13	AGENCIES' PERFORMANCE TOWARD ACHIEVING THOSE GOALS;
14	(c) TRACKING THE AMOUNT OF MONEY THE STATE SAVES AS A
15	RESULT OF IMPLEMENTING SUSTAINABLE PRACTICES;
16	(d) SEEKING AND APPLYING FOR FEDERAL FUNDING AND OTHER
17	GRANT OPPORTUNITIES THAT WOULD SUPPORT STATE AGENCIES'
18	SUSTAINABLE PRACTICES;
19	(e) Assisting state agencies in implementing sustainable
20	PROCUREMENT METHODS AND INTRODUCING OPTIONS FOR
21	ENVIRONMENTALLY PREFERABLE PRODUCTS OR SERVICES TO STATE
22	AGENCIES;
23	(f) Assisting state agencies in installing energy-efficient
24	EQUIPMENT AND FIXTURES;
25	(g) Assisting state agencies in meeting building
26	PERFORMANCE STANDARDS SUCH AS THOSE ADMINISTERED BY THE
27	COLORADO ENERGY OFFICE;

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1	(h) COORDINATING AND ASSISTING IN PLANNING AND
2	CONSTRUCTING STATE AGENCIES' ELECTRIC VEHICLE CHARGING
3	INFRASTRUCTURE AND ENSURING UTILIZATION OF SUCH INFRASTRUCTURE;
4	(i) Instituting water reduction initiatives, including but
5	NOT LIMITED TO:
6	(I) The installation of water-conserving fixtures and
7	WATER-WISE PLANTS ON STATE PROPERTY;
8	(II) THE CONVERSION OF NONNATIVE GRASSES TO XERISCAPE IN
9	ACCORDANCE WITH THE PRINCIPLES OF WATER-WISE LANDSCAPING, WITH
10	AN EMPHASIS ON NATIVE PLANTS, SET FORTH IN SECTION 37-60-135 (2)(1):
11	<u>AND</u>
12	(III) THE REDUCTION OF NONFUNCTIONAL TURF AND
13	ENCOURAGEMENT OF WATER-EFFICIENT SUSTAINABLE LANDSCAPING
14	PRACTICES AT STATE FACILITIES;
15	(j) Assisting state agencies in transitioning from
16	GAS-POWERED TO ELECTRIC EQUIPMENT;
17	(k) IMPLEMENTING STATEWIDE WASTE DIVERSION PRACTICES TO
18	INCREASE STATE AGENCIES' RECYCLING RATES;
19	(1) DEVELOPING COMMUTING OPPORTUNITIES FOR STATE
20	EMPLOYEES THAT REDUCE GREENHOUSE GAS EMISSIONS AND OTHER
21	POLLUTION;
22	(m) Assisting state agencies in developing training
23	PROGRAMS TO EDUCATE STATE EMPLOYEES ON SUSTAINABLE PRACTICES;
24	AND
25	(n) CONDUCTING OTHER ACTIVITIES AS DIRECTED BY THE GENERAL
26	ASSEMBLY OR THE GOVERNOR.
27	24-30-2304. Revolving fund - definition. (1) THE STATE AGENCY

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1	SUSTAINABILITY REVOLVING FUND, REFERRED TO IN THIS SECTION AS THE
2	"FUND", IS CREATED IN THE STATE TREASURY. THE FUND CONSISTS OF
3	MONEY TRANSFERRED TO THE FUND PURSUANT TO SUBSECTION (2) OF THIS
4	SECTION AND ANY OTHER MONEY THAT THE GENERAL ASSEMBLY MAY
5	APPROPRIATE OR TRANSFER TO THE FUND.
6	(2) On July 1, 2024, and on July 1 each year thereafter, the
7	STATE TREASURER SHALL TRANSFER FOUR HUNDRED THOUSAND DOLLARS
8	FROM THE GENERAL FUND TO THE FUND. THE OFFICE OF SUSTAINABILITY
9	SHALL ALLOCATE THE MONEY IN THE FUND TO ASSIST IN REPLACING THE
10	STATE'S GAS AND DIESEL-POWERED EQUIPMENT THAT IS LOCATED IN
11	OZONE NONATTAINMENT AREAS AS DESIGNATED BY THE U.S.
12	ENVIRONMENTAL PROTECTION AGENCY WITH EQUIVALENT ELECTRIC
13	EQUIPMENT, AND TO OPERATE THE OFFICE OF SUSTAINABILITY IN
14	ACCORDANCE WITH THIS PART 23.
15	(3) The state treasurer shall credit all interest and
16	INCOME DERIVED FROM THE DEPOSIT AND INVESTMENT OF MONEY IN THE
17	FUND TO THE FUND. ANY UNEXPENDED AND UNENCUMBERED MONEY
18	REMAINING IN THE FUND AT THE END OF A FISCAL YEAR SHALL REMAIN IN
19	THE FUND.
20	(4) MONEY IN THE FUND IS CONTINUOUSLY APPROPRIATED TO THE
21	DEPARTMENT TO BE USED FOR THE PURPOSES SPECIFIED IN SUBSECTION (2)
22	OF THIS SECTION.
23	(5) THE DEPARTMENT MAY SOLICIT, ACCEPT, AND EXPEND GIFTS,
24	GRANTS, AND DONATIONS FOR THE PURPOSES OF THIS PART 23. THE
25	DEPARTMENT SHALL CREDIT ANY GIFTS, GRANTS, AND DONATIONS TO THE
26	FUND.
27	24-30-2305 Inflation reduction act elective pay - central

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1	submission of applications - cash fund - definition. (1) IN ADDITION TO
2	THE POWERS, DUTIES, AND FUNCTIONS OF THE OFFICE SPECIFIED IN
3	SECTION 24-30-2303, THE OFFICE SHALL REVIEW AND COORDINATE STATE
4	AGENCIES' APPLICATIONS FOR ELECTIVE PAY FUNDING AVAILABLE UNDER
5	THE FEDERAL "INFLATION REDUCTION ACT OF 2022", Pub.L. 117-169, 136
6	STAT. 1818 (2022), AND WORK WITH THE OFFICE OF THE STATE
7	CONTROLLER TO COORDINATE CENTRAL SUBMISSIONS OF ELECTIVE PAY
8	APPLICATIONS. THE OFFICE SHALL ADVISE AND PROVIDE TECHNICAL
9	ASSISTANCE TO STATE AGENCIES ON ALL ASPECTS OF ELECTIVE PAY TO THE
10	EXTENT FEASIBLE.
11	(2) (a) THE INFLATION REDUCTION ACT ELECTIVE PAY CASH FUND,
12	REFERRED TO IN THIS SECTION AS THE "CASH FUND", IS CREATED IN THE
13	STATE TREASURY. THE CASH FUND CONSISTS OF MONEY RECEIVED BY THE
14	DEPARTMENT PURSUANT TO THE ELECTIVE PAY PROVISIONS OF THE
15	FEDERAL "INFLATION REDUCTION ACT OF 2022", Pub.L. 117-169, 136
16	STAT. 1818 (2022), ALL OF WHICH MUST BE DEPOSITED INTO THE CASH
17	FUND, AND ANY OTHER MONEY THAT THE GENERAL ASSEMBLY MAY
18	APPROPRIATE OR TRANSFER TO THE CASH FUND.
19	(b) THE STATE TREASURER SHALL CREDIT ALL INTEREST AND
20	INCOME DERIVED FROM THE DEPOSIT AND INVESTMENT OF MONEY IN THE
21	CASH FUND TO THE CASH FUND. ANY UNEXPENDED AND UNENCUMBERED
22	MONEY REMAINING IN THE CASH FUND AT THE END OF A FISCAL YEAR
23	SHALL REMAIN IN THE CASH FUND.
24	(c) Money in the cash fund is continuously appropriated
25	TO THE DEPARTMENT TO BE USED FOR THE PURPOSES SPECIFIED IN THIS
26	PART 23.
27	(3) THE DEPARTMENT MAY SOLICIT, ACCEPT, AND EXPEND GIFTS,

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1	GRANTS, AND DONATIONS FOR THE PURPOSES SPECIFIED IN THIS PART 23.
2	THE DEPARTMENT SHALL CREDIT ANY GIFTS, GRANTS, AND DONATIONS TO
3	THE CASH FUND.
4	SECTION 2. In Colorado Revised Statutes, 24-1-128, add (9) as
5	follows:
6	24-1-128. Department of personnel - creation. (9) THE OFFICE
7	OF SUSTAINABILITY IS CREATED IN SECTION 24-30-2303. THE OFFICE IS A
8	TYPE 2 ENTITY, AS DEFINED IN SECTION 24-1-105, AND EXERCISES ITS
9	POWERS AND PERFORMS ITS DUTIES AND FUNCTIONS UNDER THE
10	DEPARTMENT OF PERSONNEL.
11	SECTION 3. In Colorado Revised Statutes, 24-38.5-116, amend
12	(6)(b)(II) as follows:
13	24-38.5-116. Industrial and manufacturing operations clean
14	air grant program - creation - eligibility - fund created - gifts, grants,
15	or donations - transfer - legislative declaration - definitions -
16	reporting - repeal. (6) (b) (II) For state fiscal years 2023-24 and
17	2024-25, the office and, subject to annual appropriation, the department
18	of revenue may expend money from the fund for the administration and
19	implementation of the industrial clean energy tax credit created in section
20	39-22-551 and the tax credit for sustainable aviation fuel production
21	facility created in section 39-22-556. The office shall keep an accounting
22	of all money expended from the fund pursuant to this subsection (6)(b)(II)
23	for purposes of calculating the repayment of the administrative costs
24	required by section 39-29-108 (2)(e)(II) SECTION 24-38.5-120 (3).
25	SECTION 4. In Colorado Revised Statutes, 24-38.5-118, amend
26	(3)(b), (4)(a) introductory portion, (4)(b)(I), (7)(d), and (8)(b); repeal
	(5)(5), (1)(a) musuasis period, (1)(5)(1), (5), (6), (7), (7)

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24-38.5-118. Geothermal energy grant program - creation - procedures - fund - report - definitions - legislative declaration - repeal. (3) Creation of grant program. There is hereby created within the office the geothermal energy grant program to provide grants to building owners, developers, local governments, geothermal installers, contractors, communities, gas or electric service public utilities, or other entities approved by the office for:

- (b) The installation of geothermal equipment for use as the primary heating or HEATING-ONLY OR COMBINED HEATING AND cooling systems in new construction or to retrofit existing buildings; or
- (4) **Grants limitations qualifications.** The grant program consists of three types of grants:
- (a) The single-structure geothermal grant, which is awarded to applicants that are constructing a new building or retrofitting an existing building, including a single-family or multifamily residence, and installing a geothermal system for use as the primary HEATING-ONLY OR COMBINED heating and cooling system for the building. A single-structure geothermal grant is subject to the following limitations and qualifications:
- (I) A developer or geothermal installer is eligible for grants for the construction or retrofitting of no more than one hundred residential buildings;
- (b) The community district heating grant, which is awarded to support ground-source, water-source, or multisource thermal systems that serve more than a single building. Applicants may apply for grants for a scoping study, a detailed design study, projects, or a combination of these options. Teams consisting of building owners, geothermal installers, public utilities, political subdivisions of Colorado, consultants,

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developers, or other entities approved by the office are eligible to submit a proposal for a scoping study or a detailed design study. To qualify for a grant for the project, an applicant must successfully complete a study and show proof of a viable project. A community district heating grant is subject to the following limitations and qualifications:

- (I) Up to one hundred thousand dollars per project to conduct a scoping study to determine if a community thermal system would help lower greenhouse gas emissions and provide a reasonable-cost approach to PRIMARY HEATING-ONLY OR COMBINED heating and cooling a group of buildings;
- (7) Fund. (d) For state fiscal years 2023-24 and 2024-25, the office and, subject to annual appropriation, the department of revenue may expend money in the fund for the administration and implementation of the tax credit for expenditures made in connection with a geothermal energy project created in section 39-22-552, the geothermal electricity generation production tax credit created in section 39-22-553, and the heat pump technology and thermal energy network tax credit created in section 39-22-554. The office shall keep an accounting of all money expended from the fund pursuant to this subsection (7)(d) for purposes of calculating the repayment of the administrative costs required by section 39-29-108 (2)(e)(II) SECTION 24-38.5-120 (3).
- (8) (b) The office shall award grants from the fund in accordance with the following parameters: The office shall award at least twenty-five percent of the grant money awarded for single-structure geothermal grants to eligible entities from or projects in low-income, disproportionately impacted, or just transition <u>communities</u>.

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1	(1) Op to forty percent of the total money in the fund may be
2	awarded through grants to support the development of geothermal
3	electricity generation and resource development, which may include
4	hydrogen generation produced from geothermal energy;
5	(II) Up to eighty percent of the total money in the fund may be
6	awarded as single-structure geothermal grants, and one-fourth of the grant
7	money awarded under this subsection (8)(b)(II) must be awarded to
8	eligible entities from or projects in low-income, disproportionately
9	impacted, or just transition communities, as those communities are
10	defined by the office; and
11	(III) Up to twenty-five percent of the total money in the fund may
12	be awarded as community district heating grants, which may include:
13	(A) Single-owner campuses;
14	(B) Medical campuses;
15	(C) Residential campuses;
16	(D) Multi-owner nodes; and
17	(E) Public or private college or university campuses.
18	(d) THE OFFICE MAY USE GRANT PROGRAM MONEY TO SUPPORT
19	EDUCATION, OUTREACH, AND ENGAGEMENT WITH THE GENERAL PUBLIC
20	AND RELEVANT STAKEHOLDERS TO FACILITATE THE GROWTH OF THE
21	GEOTHERMAL SECTOR IN COLORADO.
22	SECTION 5. In Colorado Revised Statutes, 24-38.5-120, amend
23	(3) and (4) as follows:
24	24-38.5-120. Decarbonization tax credits administration cash
25	fund - definitions - repeal. (3) (a) Subject to annual appropriation by the
26	general assembly, for state fiscal years 2023-24 through 2034-35, the
27	office and the department may expend money from the fund for direct and

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1	indirect costs associated with the implementation and administration of
2	the decarbonization tax credits.
3	(b) (I) Money in the fund may also be used to repay
4	ADMINISTRATIVE COSTS TO THE RESPECTIVE CASH FUNDS. THE STATE
5	TREASURER SHALL TRANSFER MONEY FROM THE FUND IN THE AMOUNT
6	ATTRIBUTABLE TO ADMINISTRATIVE COSTS TO THE RESPECTIVE CASH
7	FUNDS SO THAT ALL ADMINISTRATIVE COSTS ARE REPAID TO THE
8	RESPECTIVE CASH FUNDS ON OR BEFORE JUNE 29, 2024.
9	(II) As used in this subsection (3)(b), unless the context
10	OTHERWISE REQUIRES:
11	(A) "ADMINISTRATIVE COSTS" MEANS THE AMOUNT OF MONEY
12	EXPENDED FROM THE RESPECTIVE CASH FUNDS BY THE OFFICE AND THE
13	DEPARTMENT FOR THE ADMINISTRATION AND IMPLEMENTATION OF
14	CERTAIN INCOME TAX CREDITS, AS PROVIDED FOR IN SECTIONS
15	24-38.5-116 (6)(b)(II), 24-38.5-118 (7)(d), 24-38.5-506 (2)(b), AND OF
16	THE TEMPORARY SPECIFIC OWNERSHIP TAX RATE REDUCTION FOR
17	ELECTRIC MEDIUM-DUTY AND HEAVY-DUTY TRUCKS THAT ARE PART OF A
18	FLEET AS PROVIDED FOR IN SECTION 25-7-1405(2)(b).
19	(B) "RESPECTIVE CASH FUNDS" MEANS THE INDUSTRIAL AND
20	MANUFACTURING OPERATIONS CLEAN AIR GRANT PROGRAM CASH FUND
21	CREATED IN SECTION 24-38.5-116 (6), THE GEOTHERMAL ENERGY GRANT
22	FUND CREATED IN SECTION 24-38.5-118 (7), THE COMMUNITY ACCESS TO
23	ELECTRIC BICYCLES CASH FUND CREATED IN SECTION 24-38.5-506, AND
24	THE ELECTRIFYING SCHOOL BUSES GRANT PROGRAM CASH FUND CREATED
25	<u>IN SECTION 25-7-1405.</u>
26	(4) The state treasurer shall transfer all unexpended and
27	unencumbered money in the fund on June 30, 2024, June 30, 2025, and

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1	June 30, 2026, to the general fund; except that the balance of money
2	remaining in the fund not including expended and encumbered money
3	shall not be less than one hundred thousand THREE HUNDRED THOUSAND
4	<u>dollars.</u>
5	SECTION 6. In Colorado Revised Statutes, 24-38.5-401, amend
6	(6)(a), (6)(b)(I), (7), and (8)(b); and repeal (8)(c) as follows:
7	24-38.5-401. Energy code board - appointment - creation -
8	duties - definitions - repeal. (6) (a) Duty of the energy code board to
9	adopt a model low energy and carbon code. It is the duty of the energy
10	code board to develop a model low energy and carbon code on or before
11	June 1, 2025 SEPTEMBER 1, 2025, for adoption by counties,
12	municipalities, and state agencies.
13	(b) The model low energy and carbon code developed by the
14	energy code board must apply to commercial and residential buildings
15	and must:
16	(I) Include the more energy efficient of either the 2021 or 2024
17	international energy conservation code, except as the energy code board
18	may modify those international energy conservation codes pursuant to
19	subsection (7) of this section, including any appendices AND RESOURCES
20	to the international energy conservation code that the energy code board
21	deems appropriate;
22	(7) Option to relax international energy conservation code
23	appendices and resources. The energy code board may as necessary
24	relax the stringency of any requirements in the international energy
25	conservation code, including appendices AND RESOURCES that it adopts
26	as part of the model low energy and carbon code language it develops
27	pursuant to subsection (5) SUBSECTION (6) of this section if it deems that

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doing so is appropriate, but the energy code board shall not increase the stringency of any requirements in the international energy conservation code including appendices AND RESOURCES that it adopts as part of the model low energy and carbon code language it develops pursuant to subsection (5) SUBSECTION (6) of this section.

(8) (b) If two-thirds of the energy code board fail, on or before April 1, 2023, to adopt any element of the model electric ready and solar ready code required by subsection (5) of this section, the executive committee shall vote on that same element on or before May 15, 2023. If two-thirds of the energy code board fail, on or before February 1, 2025 JUNE 1, 2025, to adopt an element of the model low energy and carbon required by subsection (6) of this section, the executive committee shall vote on that same element on or before March 15, 2025 August 1, 2025.

(c) If the energy code board fails, on or before April 1, 2023, to adopt any element of the model electric ready and solar ready code required by subsection (5) of this section, the executive committee shall vote on that same element on or before May 15, 2023. If the energy code board fails, on or before February 1, 2025, to adopt an element of the model low energy and carbon code required by subsection (6) of this section, the executive committee shall vote on that same element on or before March 15, 2025.

SECTION <u>7.</u> In Colorado Revised Statutes, 24-38.5-403, **amend** (3)(a)(I) and (3)(c) as follows:

24-38.5-403. Energy code training - energy code adoption - grant writing assistance. (3) (a) Within three days after June 2, 2022, the state treasurer shall transfer three million dollars from the general fund to the energy fund created in section 24-38.5-102.4. The Colorado

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1	energy office shall expend the money transferred by the general assembly
2	pursuant to this subsection (3)(a) for the purposes of:
3	(I) Issuing grants, not to exceed a total of two million ONE
4	MILLION EIGHT HUNDRED SEVENTY-FIVE THOUSAND dollars, to local
5	governments to support their adoption and enforcement of the 2021
6	international energy conservation code, an electric ready and solar ready
7	code, and a low energy and carbon code and to cover the direct and
8	indirect costs associated with issuing these grants; and
9	(c) Within three days after June 2, 2022, the state treasurer shall
10	transfer one hundred and fifty thousand TWO HUNDRED SEVENTY-FIVE
11	THOUSAND dollars from the general fund to the energy fund created in
12	section 24-38.5-102.4. The Colorado energy office shall expend the
13	money transferred by the general assembly pursuant to this subsection
14	(3)(c) for the costs associated with administering the energy code board
15	established in section 24-38.5-401 (2).
16	SECTION 8. In Colorado Revised Statutes, 24-38.5-405, amend
17	(3)(a) as follows:
18	24-38.5-405. High-efficiency electric heating and appliances
19	grant program - creation - report - legislative declaration - repeal.
20	(3) Grantees may use the money received through the high-efficiency
21	electric heating and appliances grant program for the following purposes:
22	(a) The purchase and installation of high-efficiency electric
23	equipment for DRYING CLOTHES, space heating, water heating, or cooking
24	in multiple residential or commercial buildings located in close proximity,
25	OR FOR OTHER ELECTRIC EQUIPMENT AS DETERMINED BY THE
26	<u>DEPARTMENT;</u>
27	SECTION 9. In Colorado Revised Statutes, 24-38.5-506, amend

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1	(2)(b) as follows:
2	24-38.5-506. Community access to electric bicycles cash fund
3	- creation - gifts, grants, or donations - transfer. (2) (b) For state fiscal
4	years 2023-24 and 2024-25, the office and, subject to annual
5	appropriation, the department of revenue may expend money in the fund
6	for the administration and implementation of the electric bicycle tax
7	credit created in section 39-22-555. The office shall keep an accounting
8	of all money expended from the fund pursuant to this subsection (2)(b)
9	for purposes of calculating the repayment of the administrative costs
10	required by section 39-29-108(2)(e)(II) SECTION 24-38.5-120 (3).
11	SECTION 10. In Colorado Revised Statutes, 25-7-1405, amend
12	(2)(b) as follows:
13	25-7-1405. Electrifying school buses grant program cash fund
14	- creation - gifts, grants, and donations - transfer. (2) (b) For state
15	fiscal years 2023-24 and 2024-25, and subject to annual appropriation, the
16	Colorado energy office, created in section 24-38.5-101, and the
17	department of revenue may expend money from the fund for the
18	administration and implementation of the innovative motor vehicles and
19	innovative trucks tax credits created in sections 39-22-516.7 and
20	39-22-516.8 and for the specific ownership tax rate reduction for electric
21	medium-duty and heavy-duty trucks that are part of a fleet as set forth in
22	section 42-3-107(1)(a)(IV). The office shall keep an accounting of all
23	money expended from the fund pursuant to this subsection (2)(b) for
24	purposes of calculating the repayment of the administrative costs required
25	by section 39-29-108(2)(e)(II) SECTION 24-38.5-120 (3).
26	SECTION 11. In Colorado Revised Statutes, 39-22-551, amend
27	(2)(e) introductory portion (2)(i) (2)(i) (3)(a)(II) and (3)(c) as follows:

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1	39-22-551. Industrial clean energy tax credit - tax preference
2	performance statement - definitions - report - repeal. (2) Definitions.
3	As used in this section, unless the context otherwise requires:
4	(e) "Greenhouse gas emissions reduction improvements" means
5	improvements that help to measurably reduce greenhouse gas emissions.
6	"Greenhouse gas emissions reduction improvements" also means MAY
7	INCLUDE one or more of the following equipment purchases,
8	improvements, and retrofits:
9	(i) "Industrial study" means an energy and emissions audit, a
10	feasibility study, A PRE-FRONT-END or front-end engineering design study
11	that meets or exceeds the standards established by the office, OR ANY
12	OTHER INDUSTRIAL STUDIES AS OUTLINED IN PROGRAM STANDARDS
13	ADOPTED BY THE OFFICE.
14	(j) "Owner" means a person OR DEVELOPER OF A PROJECT TO BE
15	IMPLEMENTED AT A QUALIFIED INDUSTRIAL FACILITY subject to tax under
16	this article 22 who applies for and claims the credit allowed by this
17	section.
18	(3) Availability of credit and amount. (a) For income tax years
19	commencing on or after January 1, 2024, but prior to January 1, 2033,
20	there shall be allowed a credit with respect to the income taxes imposed
21	pursuant to this article 22 to the owner of a qualified industrial facility in
22	an amount equal to:
23	(II) The applicable percentage of the capital costs paid by the
24	owner, not including the cost for design, and approved by the office for
25	certified greenhouse gas emissions reduction improvements that are
26	placed in service during the tax year in which the credit is claimed; except
27	that the credit must be claimed in an amount that is not less than

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seventy-five thousand dollars and does not exceed five EIGHT million dollars.

- (c) An owner that claims the credit allowed by this section cannot, claim the credit allowed by section 39-30-104 with respect to the greenhouse gas emissions reduction improvements or receive grant money under the industrial and manufacturing operations clean air grant program created in section 24-38.5-116 (3)(a) FOR THE SAME GREENHOUSE GAS EMISSION REDUCTION IMPROVEMENTS:
- 9 (I) CLAIM THE CREDIT ALLOWED BY SECTION 39-30-104; OR
- 10 (II) RECEIVE GRANT MONEY UNDER THE INDUSTRIAL AND
 11 MANUFACTURING OPERATIONS CLEAN AIR GRANT PROGRAM CREATED IN
 12 SECTION 24-38.5-116 (3)(a).
 - **SECTION** <u>12.</u> In Colorado Revised Statutes, 39-22-552, **amend** (1)(a), (2)(e), (2)(f) introductory portion, (2)(f)(VIII), and (2)(f)(IX); and **add** (2)(f)(X), (2)(f.5), (2)(h), (2)(i), and (2)(j) as follows:
 - **39-22-552.** Tax credit for expenditures made in connection with a geothermal energy project tax preference performance statement definitions repeal. (1) (a) In accordance with section 39-21-304(1), which requires each bill that creates a new tax expenditure to include a tax preference performance statement as part of a statutory legislative declaration, the general assembly finds and declares that the purpose of the tax credit provided in this section is to induce certain designated behavior by taxpayers and to provide a reduction in income tax liability for certain businesses or individuals by providing a financial incentive for the development of THERMALENERGY NETWORKS, electricity generation from geothermal sources.
 - (2) **Definitions.** As used in this section, unless the context

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1	otherwise requires:
2	_
3	(e) "Eligible taxpayer" means a person engaged in a trade or
4	business that is subject to tax pursuant to this article 22, or a person or
5	political subdivision of this state that is exempt from tax pursuant to
6	section 39-22-112 (1), that makes a qualified expenditure ANY OF THE
7	FOLLOWING PEOPLE OR ENTITIES THAT MAKE A QUALIFIED EXPENDITURE:
8	(I) A PERSON ENGAGED IN A TRADE OR BUSINESS THAT IS SUBJECT
9	TO TAX PURSUANT TO THIS ARTICLE 22;
10	(II) A PERSON OR POLITICAL SUBDIVISION OF THIS STATE THAT IS
11	EXEMPT FROM TAX PURSUANT TO SECTION 39-22-112 (1); OR
12	(III) A TRIBAL GOVERNMENT.
13	(f) "Geothermal energy ELECTRICITY project" or "project" means
14	a project in the state that is intended to evaluate and develop a geothermal
15	resource for the purpose of electricity production, that meets the standards
16	developed pursuant to subsection (5) of this section, and that involves any
17	of the following:
18	(VIII) Coproduction of geothermal energy; or ENERGY INCLUDING
19	FOR INDUSTRIAL USES OR THERMAL ENERGY NETWORKS;
20	(IX) Power generation equipment; OR
21	(X) STUDIES TO IDENTIFY AND EXPLORE RESOURCES THAT MAY BE
22	SUITABLE FOR GEOTHERMAL ELECTRICITY GENERATION AND MAY INCLUDE
23	HYDROGEN GENERATION OR UTILIZATION OF DIRECT AIR CAPTURE
24	TECHNOLOGY.
25	(f.5) "GEOTHERMAL ENERGY PROJECT" MEANS A GEOTHERMAL
26	ELECTRICITY PROJECT, THERMAL ENERGY NETWORK, OR A THERMAL
27	ENERGY NETWORK STUDY.

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1	==
2	(h) "THERMAL ENERGY NETWORK" HAS THE SAME MEANING AS SET
3	FORTH IN SECTION 39-22-554 (2)(n).
4	(i) "THERMAL ENERGY NETWORK STUDY" MEANS AN ENERGY AND
5	EMISSIONS SCOPING STUDY, A FEASIBILITY STUDY, AN INVESTMENT GRADE
6	ENERGY AUDIT, A DETAILED ENGINEERING DESIGN, OR A COMBINATION OF
7	THESE OPTIONS THAT MEETS OR EXCEEDS THE STANDARDS ESTABLISHED
8	BY THE OFFICE.
9	(j) "Tribal government" means a federally recognized
10	INDIAN TRIBE, INCLUDING ITS BUSINESS OPERATIONS AND WHOLLY-OWNED
11	ENTITIES, WITH RESERVATION LANDS WITHIN THE STATE OF COLORADO OR
12	OPERATING WITHIN THE STATE.
13	
14	SECTION 13. In Colorado Revised Statutes, 39-22-553, amend
15	(2)(c) and (3); and add (2)(d) and (3.5) as follows:
16	39-22-553. Geothermal electricity generation production tax
17	credit - tax preference performance statement - definitions - repeal.
18	(2) Definitions. As used in this section, unless the context otherwise
19	requires:
20	(c) "Qualified entity" means a person engaged in a trade or
21	business that is subject to tax pursuant to this article 22 or a person or
22	political subdivision of this state that is exempt from tax pursuant to
23	section 39-22-112 (1), either of which produces electricity derived from
24	geothermal energy for sale or for the person's or political subdivision's
25	own use ANY OF THE FOLLOWING PEOPLE OR ENTITIES THAT PRODUCE
26	ELECTRICITY DERIVED FROM GEOTHERMAL ENERGY FOR SALE OR USE:
27	(I) A PERSON ENGAGED IN A TRADE OR BUSINESS THAT IS SUBJECT

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1	TO TAX PURSUANT TO THIS ARTICLE 22;
2	(II) A PERSON OR POLITICAL SUBDIVISION OF THIS STATE THAT IS
3	EXEMPT FROM TAX PURSUANT TO SECTION 39-22-112 (1); OR
4	(III) A TRIBAL GOVERNMENT.
5	(d) "Tribal government" means a federally recognized
6	INDIAN TRIBE, INCLUDING ITS BUSINESS OPERATIONS AND WHOLLY-OWNED
7	ENTITIES, WITH RESERVATION LANDS WITHIN THE STATE OF COLORADO OR
8	OPERATING WITHIN THE STATE.
9	(3) For income tax years commencing on or after January 1, 2024,
10	but before January 1, 2033, a qualified entity is allowed a credit against
11	the income taxes imposed by this article 22 in an amount equal to three
12	one-thousandths of a dollar per kilowatt hour of geothermal electricity
13	that is produced by the qualified entity in the state in the tax year. In order
14	to claim the credit, the qualified entity shall apply for and receive a tax
15	credit certificate from the office pursuant to subsection (4) of this section.
16	except that the office may not issue a tax credit certificate to a qualified
17	entity totaling more than one million dollars per income tax year.
18	(3.5) The office shall annually review and evaluate the
19	EFFECTIVENESS OF THE TAX CREDIT AND MAY MODIFY THE AMOUNTS SET
20	FORTH IN SUBSECTION (3) OF THIS SECTION. THE OFFICE SHALL MAINTAIN
21	THE CURRENT APPLICABLE TAX CREDIT ON ITS WEBSITE AND SHALL
22	PROVIDE THE APPLICABLE TAX CREDIT IN WRITING TO THE DEPARTMENT
23	NO LATER THAN DECEMBER 31, 2024, AND EACH DECEMBER 31
24	THEREAFTER THROUGH DECEMBER 31, 2031.
25	
26	SECTION 14. In Colorado Revised Statutes, 39-22-557, amend
27	(2)(d) and (3)(c)(I) as follows:

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1	39-22-557. Clean hydrogen tax credit - qualified uses - tax
2	preference performance statement - definitions - legislative
3	declaration - repeal. (2) As used in this section, unless the context
4	otherwise requires:
5	(d) "Lifecycle greenhouse gas emissions rate" means lifecycle
6	greenhouse gas emissions, as defined in 26 U.S.C. sec. 45V (c)(1)(A), as
7	amended, measured in accordance with any applicable federal internal
8	revenue service regulations or guidance, subject to the rules adopted by
9	the public utilities commission pursuant to section 40-2-138 (3)(a)(I)
10	SECTION 40-2-138 (3)(a)(II).
11	(3) (c) (I) For income tax years commencing on and after January
12	1, 2024, but before January 1, 2026, and not before the public utilities
13	commission adopts rules pursuant to section 40-2-138 (3)(a)(I), SECTION
14	40-2-138 (3)(a)(II), the office shall not issue a tax credit certificate to a
15	taxpayer indicating eligibility for a tax credit for an amount exceeding
16	one million dollars in a tax year.
17	SECTION 15. In Colorado Revised Statutes, 39-29-108, repeal
18	(2)(e)(II), (2)(e)(III)(A), and (2)(e)(III)(C) as follows:
19	39-29-108. Allocation of severance tax revenues - definitions
20	- repeal. (2) (e) (II) The state treasurer shall credit a portion of the
21	discrete increased amount of severance tax for oil and gas production in
22	the amount attributable to administrative costs to the respective cash
23	funds so that all administrative costs are repaid to the respective cash
24	funds on or before July 1, 2025.
25	(III) As used in this subsection (2)(e), unless the context otherwise
26	requires:
27	(A) "Administrative costs" means the amount of money expended

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I	from the respective cash funds by the Colorado energy office and the
2	department of revenue for the administration and implementation of
3	certain income tax credits and a temporary specific ownership tax rate
4	reduction for electric medium-duty and heavy-duty trucks that are part of
5	a fleet as provided for in sections 24-38.5-116 (6)(b)(II), 24-38.5-118
6	(7)(d), 24-38.5-506 (2)(a)(II), and 25-7-1405 (2)(b).
7	(C) "Respective cash funds" means the industrial and
8	manufacturing operations clean air grant program cash fund created in
9	section 24-38.5-116 (6), the geothermal energy grant fund created in
10	section 24-38.5-118 (7), the community access to electric bicycles cash
11	fund created in section 24-38.5-506, or the electrifying school buses grant
12	program cash fund created in section 25-7-1405.
13	SECTION 16. In Colorado Revised Statutes, 40-3.2-108, amend
14	(10) introductory portion as follows:
15	40-3.2-108. Clean heat targets - legislative declaration -
16	definitions - plans - rules - reports. (10) No later than December 1,
17	2024, DECEMBER 1, 2025, the commission, in consultation with the
18	division, shall determine mass-based greenhouse gas emission reduction
19	targets for clean heat plans for 2035. In establishing these targets, the
20	commission shall:
21	SECTION 17. In Session Laws of Colorado 2023, section 4 of
22	chapter 219, amend (1) as follows:
23	Section 4. Appropriation. (1) For the 2023-24 state fiscal year,
24	\$370,140 is appropriated to the department of higher education. This
25	appropriation is from the oil and gas conservation and environmental
26	response fund created in section 34-60-122 (5)(a), C.R.S., and is based on
27	an assumption that the department will require an additional 3.0 FTE. To

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1	implement this act, the department may use this appropri	ation for the
2	board of governors of the Colorado state university system for	or the biochar
3	in oil and gas well plugging working advisory group.	ANY MONEY
4	APPROPRIATED IN THIS SECTION THAT IS NOT EXPENDED PRICE	OR TO JULY 1.
5	2024, IS FURTHER APPROPRIATED TO THE DEPARTMENT	OF HIGHER
6	EDUCATION FOR THE 2024-25 STATE FISCAL YEAR FOR THE SA	ME PURPOSE
7	SECTION 18. Appropriation - adjustments to 20	24 long bill.
8	(1) To implement this act, cash funds appropriations f	rom various
9	sources of cash funds made in the annual general appropriati	on act for the
10	2024-25 state fiscal year to the department of revenue are decreased as	
11	<u>follows:</u>	
12	Executive Director's Office, Administration and	<u>Support</u>
13	Personal services	<u>\$424,001</u>
14	Operating expenses	\$64,770
15	Taxation Business Group, Administration	
16	Tax administration IT system (GenTax) support	<u>\$765,934</u>
17	Taxation Business Group, Taxation Services	
18	Personal services	\$470,940
19	Operating expenses	\$36,925
20	Document management	<u>\$7,590</u>
21	(2) To implement this act, cash funds appropriation	ons from the
22	decarbonization tax credits administration cash fund create	ed in section
23	24-38.5-120 (2), C.R.S., made in the annual general appropri	iation act for
24	the 2024-25 state fiscal year to the department of revenue a	are increased
25	as follows:	
26	Executive Director's Office, Administration and	<u>Support</u>
27	Personal services	\$424,001

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1	Operating expenses	<u>\$64,770</u>
2	Taxation Business Group, Administration	
3	Tax administration IT system (GenTax) support	<u>\$765,934</u>
4	Taxation Business Group, Taxation Services	
5	Personal services	<u>\$470,940</u>
6	Operating expenses	<u>\$36,925</u>
7	Document management	<u>\$7,590</u>
8	SECTION 19. Appropriation. For the 2024-25 sta	te fiscal year,
9	\$958,596 is appropriated to the office of the governor for	or use by the
10	Colorado energy office. This appropriation is from the dec	carbonization
11	tax credits administration cash fund created in section 24-	38.5-120 (2),
12	C.R.S., and is based on an assumption that the office w	ill require an
13	additional 3.1 FTE. To implement this act, the office	may use this
14	appropriation for program administration.	
15	SECTION 20. Safety clause. The general ass	sembly finds,
16	determines, and declares that this act is necessary for the	ne immediate
17	preservation of the public peace, health, or safety or for appr	opriations for
18	the support and maintenance of the departments of the st	tate and state
19	institutions.	

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