THE GENERAL ASSEMBLY OF PENNSYLVANIA

SENATE BILL

No. 422

Session of 2023

INTRODUCED BY CAPPELLETTI, MUTH, HAYWOOD, KEARNEY, SAVAL, COMITTA, SANTARSIERO, COSTA AND SCHWANK, MAY 2, 2023

REFERRED TO ENVIRONMENTAL RESOURCES AND ENERGY, MAY 2, 2023

AN ACT

1 2 3 4 5 6 7 8 9 10 11	Amending Title 27 (Environmental Resources) of the Pennsylvania Consolidated Statutes, providing for transition to renewable energy; imposing duties on the Department of Environmental Protection and other Commonwealth agencies relating to energy consumption and renewable energy generation; establishing the Renewable Energy Transition Task Force, the Just Transition Community Advisory Committee, the Renewable Energy Center of Excellence, the Council for Renewable Energy Workforce Development and the Renewable Energy Workforce Development Fund; providing for interim limits on energy produced from nonrenewable sources and for wage requirement for energy producing systems.
13	The General Assembly of the Commonwealth of Pennsylvania
14	hereby enacts as follows:
15	Section 1. Title 27 of the Pennsylvania Consolidated
16	Statutes is amended by adding a chapter to read:
17	CHAPTER 51
18	TRANSITION TO RENEWABLE ENERGY
19	Sec.
20	5101. Declaration of policy.
21	5102. Definitions.

5104. Renewable Energy Transition Task Force.

51<u>03. Priorities.</u>

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- 1 5105. Executive agency duties.
- 2 5106. Publication and review.
- 3 5107. Renewable Energy Center of Excellence.
- 4 <u>5108</u>. Council for Renewable Energy Workforce Development.
- 5 5109. Study by department.
- 6 <u>5110</u>. Analysis of energy consumption.
- 7 <u>5111</u>. Limits on energy produced from nonrenewable sources.
- 8 <u>5112. State-owned facilities and land.</u>
- 9 <u>5113. Prevailing wage requirement for energy producing systems.</u>
- 10 § 5101. Declaration of policy.
- 11 The General Assembly finds and declares as follows:
- 12 (1) The purpose of this chapter is to steadily
- transition this Commonwealth to 100% clean, renewable energy
- 14 <u>by 2050 in order to:</u>
- 15 (i) Avoid pollution of our air, water and land,
- 16 <u>reduce emissions and ultimately eliminate our use of</u>
- fossil fuels and other polluting and dangerous forms of
- 18 <u>energy</u>.
- 19 (ii) Increase energy security by reducing reliance
- on imported sources of energy and maximizing renewable
- 21 energy production in this Commonwealth.
- 22 (iii) Increase economic development by stimulating
- 23 public and private investments in clean, renewable energy
- 24 and energy efficiency projects.
- 25 <u>(iv) Create local jobs by harnessing this</u>
- 26 Commonwealth's skilled workforce, business leadership and
- 27 <u>academic institutions to advance new technologies</u>,
- improve the energy performance of homes and workplaces
- and deploy renewable energy across this Commonwealth.
- 30 (v) Improve economic and social equity for all

1	<u>residents of this Commonwealth, with an emphasis on</u>
2	historically disadvantaged communities and populations
3	that have been disproportionately affected by pollution
4	and high energy costs under the current system.
5	(vi) Support individuals who are facing the burdens
6	of climate impact, such as those who are suffering from
7	loss of agricultural land, increased health impacts and
8	neighborhood displacement.
9	(2) It is the goal of the Commonwealth to:
10	(i) Meet 100% of Pennsylvania's energy needs with
11	renewable energy by 2050, including the energy consumed
12	for electricity, heating and cooling, transportation,
13	agricultural uses, industrial uses and all other uses by
14	residents, institutions, businesses, State and municipal
15	agencies and other entities operating within this
16	<pre>Commonwealth.</pre>
17	(ii) Obtain 100% of the electricity consumed by
18	residents, institutions, businesses, State and municipal
19	agencies and other entities operating within this
20	Commonwealth from renewable energy sources by 2035.
21	§ 5102. Definitions.
22	The following words and phrases when used in this chapter
23	shall have the meanings given to them in this section unless the
24	<pre>context clearly indicates otherwise:</pre>
25	"Building sector." The energy consumed to heat, cool and
26	provide hot water and electricity for buildings. The term does
27	not include energy used for heavy industrial activities.
28	"Center." The Renewable Energy Center of Excellence
29	established under section 5107 (relating to Renewable Energy
30	Center of Excellence).

- 1 "Commonwealth agency." As defined in 62 Pa.C.S. § 103
- 2 <u>(relating to definitions).</u>
- 3 "Council." The Council for Renewable Energy Workforce
- 4 Development established under section 5108 (relating to Council
- 5 <u>for Renewable Energy Workforce Development).</u>
- 6 <u>"Department." The Department of Environmental Protection of</u>
- 7 the Commonwealth.
- 8 <u>"Distressed community." A geographic area where at least 30%</u>
- 9 of residents have incomes that are less than the national
- 10 poverty level and where the unemployment rate is at least 1.5
- 11 <u>times the national unemployment rate.</u>
- "Emerging renewable technologies." Technologies that meet
- 13 the definition of renewable energy and have a preponderance of
- 14 peer reviewed, evidence based, scientific research validating
- 15 adherence to renewable energy requirements.
- 16 "Emission." The emission of a greenhouse gas into the air.
- 17 "Executive agency." As defined in 62 Pa.C.S. § 103.
- 18 "Fund." The Renewable Energy Workforce Development Fund
- 19 established in section 5112(c) (relating to State-owned
- 20 facilities and land).
- 21 "Greenhouse gas." A gas in the Earth's atmosphere that
- 22 absorbs and reemits infrared radiation, including carbon
- 23 <u>dioxide</u>, <u>nitrous oxide</u>, <u>methane</u>, <u>hydrofluorocarbons</u>,
- 24 perfluorocarbons and sulfur hexafluoride.
- 25 "Nonrenewable energy." Energy produced from any source that
- 26 fails to meet one or more of the criteria for renewable energy.
- 27 "Public school." A school operated by a school district. The
- 28 term does not include an intermediate unit, charter school,
- 29 cyber charter school or an area career and technical school.
- "Renewable energy." As follows:

1	(1) Energy produced from sources that meet all of the
2	following criteria:
3	(i) Virtually pollution-free, producing little to no
4	global warming pollution or health-threatening pollution.
5	(ii) Inexhaustible, coming from natural sources that
6	are regenerative or practically unlimited.
7	(iii) Safe, having minimal impacts on the
8	environment, community safety and public health.
9	(iv) Efficient, a wise use of resources.
10	(2) The term includes energy produced with any
11	technology, the use of which conforms to the requirements
12	under paragraph (1), including the following:
13	(i) Solar photovoltaic energy.
14	(ii) Solar thermal electricity.
15	(iii) Solar thermal heating.
16	(iv) Offshore wind energy.
17	(v) Onshore wind energy.
18	(vi) Geothermal energy.
19	(vii) Emerging renewable technologies.
20	"Secretary." The Secretary of Environmental Protection of
21	the Commonwealth.
22	"Sector." A major category of energy usage. The term
23	includes electricity generation, heating, transportation and
24	industry and may include other major categories as identified by
25	the department.
26	"Subsector." A subcategory within a sector of energy usage,
27	characterized by a common energy generation technology,
28	industry, application, end-use sector or type of consumer.
29	"Task force." The Renewable Energy Transition Task Force
30	established in section 5104 (relating to Renewable Energy

- 1 Transition Task Force).
- 2 "Transportation sector." The technologies and uses of energy
- 3 that are applied to move people and goods within, into and out
- 4 of this Commonwealth, including nonmotorized forms of
- 5 transportation, such as walking and bicycling.
- 6 <u>"Zero net energy building." An energy efficient building</u>
- 7 where, on a source energy basis, the actual annual delivered
- 8 <u>energy is less than or equal to the onsite renewable exported</u>
- 9 <u>energy.</u>
- 10 § 5103. Priorities.
- In meeting the goals identified under section 5101(2)
- 12 (relating to declaration of policy), Commonwealth agencies shall
- 13 prioritize the following:
- 14 (1) Sources of renewable energy that are located in this
- 15 Commonwealth or elsewhere in the Mid-Atlantic region.
- 16 (2) Sources of renewable energy that represent
- 17 additional renewable generation capacity added to the energy
- 18 grid of this Commonwealth.
- 19 <u>(3) Models for local and community ownership of</u>
- 20 renewable energy generation, particularly models that bring
- 21 direct financial benefits to low-income communities.
- 22 (4) Reducing energy consumption through efficiency
- 23 measures to the greatest extent practicable.
- 24 § 5104. Renewable Energy Transition Task Force.
- 25 (a) Establishment. -- The Renewable Energy Transition Task
- 26 Force is established to integrate the goal of 100% renewable
- 27 <u>energy throughout State government operations. The members of</u>
- 28 the task force shall be appointed within 90 days of the
- 29 effective date of this subsection.
- 30 (b) Members. -- The task force shall include the following

<pre>members:</pre>
(1) The secretary or the secretary's designee, who shall
serve as the chairperson of the task force.
(2) A representative from the following Commonwealth
agencies, to be appointed by the chief executive or
administrative officer of each agency:
(i) The Department of Community and Economic
<pre>Development.</pre>
(ii) The Department of Conservation and Natural
Resources.
(iii) The Department of Corrections.
(iv) The Department of Education.
(v) The Department of General Services.
(vi) The Department of Health, Bureau of Health
Promotion and Risk Reduction.
(vii) The Department of Human Services.
(viii) The Department of State.
(ix) The Department of Transportation.
(x) The Governor's Office of Administration.
(xi) The Pennsylvania Public Utility Commission.
(xii) The Pennsylvania Workforce Development Board.
(xiii) The State Conservation Committee.
(3) A representative designated by each of the
<pre>following:</pre>
(i) The Attorney General.
(ii) The Auditor General.
(iii) The State Treasurer.
(4) Three members designated by the Secretary of
Education as follows:
(i) A member to represent the State System of Higher

1	Education.
2	(ii) A member to represent community colleges.
3	(iii) A member to represent public schools.
4	(c) Duties The task force shall:
5	(1) Identify all existing State laws and regulations and
6	Commonwealth agency programs with an impact on energy
7	production and consumption and evaluate the programs based on
8	the following:
9	(i) Their potential to support this Commonwealth's
10	transition to 100% renewable energy.
11	(ii) Their ability to maximize the environmental and
12	economic benefits of the transition for residents of this
13	Commonwealth and businesses, particularly, but not
14	exclusively, for communities that have been impacted by
15	pollution from energy sources.
16	(2) Within one year of the effective date of this
17	paragraph, determine a date not later than January 1, 2035,
18	by which the operations of State government will be powered
L 9	with 100% renewable energy.
20	(3) Conduct a study assessing the true costs of fossil
21	fuels and renewable energy, including benefits to and burdens
22	on:
23	(i) the energy grid of this Commonwealth;
24	(ii) individuals' health; and
25	(iii) energy affordability.
26	(4) Conduct a study assessing the feasibility of
27	creating a special fund to be used for the purposes of
28	providing guarantees for pension funds, funding workforce
29	training and placement programs, catalyzing renewable energy
30	industries and supporting worker-owned cooperatives for_

- workers in the fossil fuel industry and communities adversely
- 2 <u>affected by pollution and energy burden. The study shall</u>
- 3 identify potential revenue streams and potential models for
- 4 <u>implementation</u>.
- 5 (5) Identify emerging renewable technologies that may be
- 6 <u>used in the transition to renewable energy.</u>
- 7 (d) Meetings. -- The task force shall meet at least once each
- 8 <u>quarter to review progress in modifying State law and</u>
- 9 regulations and Commonwealth agency programs to accelerate the
- 10 transition to 100% renewable energy. The meetings shall be
- 11 <u>subject to 65 Pa.C.S. Ch. 7 (relating to open meetings).</u>
- 12 (e) Advisory committee. -- The Just Transition Community
- 13 Advisory Committee is established within the department to work
- 14 in partnership with the task force to ensure accountability and
- 15 public participation in the planning and design of this
- 16 Commonwealth's energy transition. The members of the advisory
- 17 committee shall be appointed by the secretary and shall include
- 18 representatives of the following constituencies:
- 19 (1) Labor.
- 20 (2) Environmental justice.
- 21 (3) Consumer advocacy.
- 22 (4) Community development corporations that serve
- 23 distressed communities.
- 24 (5) Community development financial institutions.
- 25 (6) Community development entities.
- 26 (7) Agricultural communities.
- 27 <u>(8) Transportation equity.</u>
- 28 (9) Renewable energy industry.
- 29 (10) Communities with a majority population of
- 30 historically disadvantaged minorities.

- 1 § 5105. Executive agency duties.
- 2 An executive agency shall:
- 3 (1) Conduct a review of the laws, regulations and
- 4 <u>programs under the executive agency's jurisdiction and submit</u>
- 5 <u>a report to the task force describing how the laws</u>,
- 6 regulations and programs can be modified to accelerate the
- 7 <u>transition to 100% renewable energy.</u>
- 8 (2) Consider how modifying the executive agency's
- 9 programs to accelerate the transition to 100% renewable
- 10 energy can help achieve the executive agency's other
- 11 <u>objectives.</u>
- 12 (3) Within six months of the effective date of this
- paragraph, present a plan to achieve the goal identified
- 14 <u>under section 5104(c)(2) (relating to Renewable Energy</u>
- 15 Transition Task Force) for the facilities and activities in
- the executive agency's jurisdiction. The executive agency
- 17 shall report on its progress to the task force and update the
- 18 plan annually.
- 19 § 5106. Publication and review.
- The secretary shall publish the findings of the task force
- 21 under sections 5104(c)(1) (relating to Renewable Energy
- 22 Transition Task Force) and 5105 (relating to executive agency
- 23 <u>duties</u>) within six months of the formation of the task force.
- 24 The secretary and the task force shall review and update the
- 25 findings every three years from the date of initial publication.
- 26 § 5107. Renewable Energy Center of Excellence.
- 27 (a) Establishment.--The Governor shall establish the
- 28 Renewable Energy Center of Excellence at a member institution of
- 29 the State System of Higher Education to conduct and sponsor
- 30 research on the following:

- 1 (1) Renewable energy and energy efficiency technologies.
- 2 (2) Effective practices for renewable energy adoption by
- 3 <u>residents, institutions, businesses, executive agencies,</u>
- 4 <u>municipal agencies and other entities.</u>
- 5 (3) Barriers preventing access to renewable energy,
- 6 particularly, but not exclusively, for low-income
- 7 communities.
- 8 (4) Community outreach models and other tools to
- 9 <u>increase the adoption of renewable energy, particularly for</u>
- 10 low-income communities.
- 11 (b) Advisory committee. -- The center shall be advised by a
- 12 <u>15-member committee composed of experts with the following areas</u>
- 13 <u>of expertise:</u>
- 14 (1) Renewable energy, energy efficiency and energy
- 15 <u>storage_technologies.</u>
- 16 (2) Architecture, building engineering and construction.
- 17 (3) Transportation.
- 18 (4) Affordable housing.
- 19 (5) Economic development.
- 20 (6) Environmental justice.
- 21 (7) Other relevant fields.
- 22 § 5108. Council for Renewable Energy Workforce Development.
- 23 (a) Establishment. -- The Council for Renewable Energy
- 24 Workforce Development is established. The council shall include
- 25 the following members:
- 26 (1) The secretary, who shall serve as co-chair.
- 27 (2) The Secretary of Labor and Industry, who shall serve
- 28 as co-chair.
- 29 (3) Three members designated by the Secretary of
- 30 Education as follows:

Τ.	(1) A representative of the Department of Education.
2	(ii) A member to represent the State System of
3	Higher Education.
4	(iii) A member to represent the community college
5	system.
6	(4) Representatives from the following, to be appointed
7	by the co-chairs of the council:
8	(i) Organized labor.
9	(ii) Renewable energy businesses.
10	(iii) Occupational training organizations.
11	(iv) Economic development organizations.
12	(v) Community development organizations that serve
13	distressed communities.
14	(vi) Military and veterans affairs organizations.
15	(b) Duties of council The council shall:
16	(1) Identify the employment potential of the energy
17	efficiency and renewable energy industry and the skills and
18	training needed for workers in those fields.
19	(2) Recommend policies that promote employment growth
20	and access to jobs to the Governor and the General Assembly.
21	(3) Prioritize maximizing employment opportunities for
22	fossil fuel workers displaced in the transition to renewable
23	energy.
24	(4) Establish a target for the number of new renewable
25	energy jobs that provide wages at a rate equal to or greater
26	than the prevailing wage rate in the area for the same or
27	similar type work, to be created in this Commonwealth by 2030
28	not later than January 1, 2024. The council shall create job
29	growth targets for each subsequent 10-year period beginning
30	in 2030. The job growth targets for each subsequent 10-year

- 1 period shall be finalized at least 12 months prior to the
- 2 <u>start of the 10-year period.</u>
- 3 (5) Establish a target for the number of new renewable
- 4 <u>energy jobs to be created for members of the prioritized</u>
- 5 <u>category identified in paragraph (3) not later than January</u>
- 6 <u>1, 2024, and for each subsequent 10-year period beginning in</u>
- 7 2030, which shall be no less than 10% of the total number of
- 8 jobs created or 7,500 jobs, whichever is greater. The job
- 9 growth targets for each subsequent 10-year period shall be
- 10 <u>finalized at least 12 months prior to the start of the 10-</u>
- 11 <u>year period</u>.
- 12 (6) At least annually, submit a report to the Governor
- and the General Assembly recommending changes to existing
- 14 State policies and programs to meet the identified job growth
- 15 targets.
- 16 (7) Meet at least once each quarter to review progress
- in expanding renewable energy employment. The meetings shall
- be subject to 65 Pa.C.S. Ch. 7 (relating to open meetings).
- 19 § 5109. Study by department.
- 20 (a) Study required. -- In consultation with the task force and
- 21 the center, the department shall conduct a study identifying the
- 22 <u>following:</u>
- 23 (1) Pathways towards 100% renewable energy for the
- 24 <u>building sector</u>.
- 25 (2) Policies necessary for all new buildings to be zero
- net energy buildings by 2030 and for nonrenewable energy
- 27 <u>consumption to be reduced for existing buildings by 50% by</u>
- 28 2030.
- 29 (b) Considerations. -- The study shall consider the following:
- 30 (1) How to expand access to renewable heating and

1	electricity technologies.
2	(2) Ways of increasing access to energy efficiency
3	programs and minimizing costs, particularly, but not
4	exclusively, for low-income communities.
5	(3) Energy burden and the impact on tenant housing,
6	evictions and foreclosures.
7	(c) Presentation to task force The department shall
8	present the results of the study to the task force not later
9	than one year from the effective date of this subsection.
10	(d) Review The department shall review and update the
11	study every five years, considering technological developments,
12	demographic changes, the effectiveness of existing programs and
13	policies and other factors.
14	§ 5110. Analysis of energy consumption.
1 [(a) Department determination The department shall
15	
16	determine:
	-
16 17	determine:
16	<pre>determine:</pre>
16 17 18	<pre>determine:</pre>
16 17 18	<pre>determine: (1) The overall quantity of energy consumed Statewide in the calendar year 2024 across all sectors and the percentage of energy consumed that came from renewable energy sources,</pre>
16 17 18 19 20	determine: (1) The overall quantity of energy consumed Statewide in the calendar year 2024 across all sectors and the percentage of energy consumed that came from renewable energy sources, using the best available data. The determination shall
16 17 18 19 20 21	determine: (1) The overall quantity of energy consumed Statewide in the calendar year 2024 across all sectors and the percentage of energy consumed that came from renewable energy sources, using the best available data. The determination shall include an analysis of the percentage of renewable energy
16 17 18 19 20 21	determine: (1) The overall quantity of energy consumed Statewide in the calendar year 2024 across all sectors and the percentage of energy consumed that came from renewable energy sources, using the best available data. The determination shall include an analysis of the percentage of renewable energy consumed in this Commonwealth that was produced:
16 17 18 19 20 21 22 23	determine: (1) The overall quantity of energy consumed Statewide in the calendar year 2024 across all sectors and the percentage of energy consumed that came from renewable energy sources, using the best available data. The determination shall include an analysis of the percentage of renewable energy consumed in this Commonwealth that was produced: (i) in this Commonwealth;
16 17 18 19 20 21 22 23 24	determine: (1) The overall quantity of energy consumed Statewide in the calendar year 2024 across all sectors and the percentage of energy consumed that came from renewable energy sources, using the best available data. The determination shall include an analysis of the percentage of renewable energy consumed in this Commonwealth that was produced: (i) in this Commonwealth; (ii) in adjacent states; and
16 17 18 19 20 21 22 23 24 25	determine: (1) The overall quantity of energy consumed Statewide in the calendar year 2024 across all sectors and the percentage of energy consumed that came from renewable energy sources, using the best available data. The determination shall include an analysis of the percentage of renewable energy consumed in this Commonwealth that was produced: (i) in this Commonwealth; (ii) in adjacent states; and (iii) in other states, territories or foreign
16 17 18 19 20 21 22 23 24 25 26	determine: (1) The overall quantity of energy consumed Statewide in the calendar year 2024 across all sectors and the percentage of energy consumed that came from renewable energy sources, using the best available data. The determination shall include an analysis of the percentage of renewable energy consumed in this Commonwealth that was produced: (i) in this Commonwealth; (ii) in adjacent states; and (iii) in other states, territories or foreign countries.
16 17 18 19 20 21 22 23 24 25 26 27	determine: (1) The overall quantity of energy consumed Statewide in the calendar year 2024 across all sectors and the percentage of energy consumed that came from renewable energy sources, using the best available data. The determination shall include an analysis of the percentage of renewable energy consumed in this Commonwealth that was produced: (i) in this Commonwealth; (ii) in adjacent states; and (iii) in other states, territories or foreign countries. (2) For energy consumed in an individual sector or

- 1 sector or subsector.
- 2 (ii) The types and sources of energy consumed in the
- 3 sector or subsector.
- 4 <u>(iii) The percentage of energy consumed in the</u>
- 5 <u>sector or subsector that was produced from renewable</u>
- 6 <u>sources.</u>
- 7 (b) Publication. -- The department shall publish a similar
- 8 <u>analysis of renewable and nonrenewable energy consumption on at</u>
- 9 <u>least a triennial basis and for the years 2030, 2040 and 2050.</u>
- 10 The analysis shall include the amount, percentage, types and
- 11 sources of renewable and nonrenewable energy consumed across all
- 12 <u>sectors Statewide and in the individual sectors and subsectors</u>
- 13 <u>identified under subsection (a), as well as any additional</u>
- 14 <u>sectors or subsectors that have since come to represent at least</u>
- 15 <u>2% of total Statewide energy consumption.</u>
- 16 § 5111. Limits on energy produced from nonrenewable sources.
- 17 (a) Overall limits. -- The following interim limits are
- 18 established for the overall percentage of this Commonwealth's
- 19 <u>energy produced from nonrenewable sources:</u>
- 20 (1) By 2030, no more than 50% nonrenewable energy.
- 21 (2) By 2040, no more than 20% nonrenewable energy.
- 22 (3) By 2050, no nonrenewable energy.
- 23 (b) Individual sector and subsector limits.--The department
- 24 shall establish interim limits on nonrenewable energy in the
- 25 individual sectors and subsectors identified under section 5110
- 26 (relating to analysis of energy consumption). The interim limits
- 27 shall maximize the ability of this Commonwealth to achieve 100%
- 28 renewable energy by 2050.
- 29 (c) Projection. -- The department shall determine the
- 30 Statewide emissions level in calendar year 1990 and reasonably

- 1 project what the emissions level will be during the calendar
- 2 year that commences after the effective date of this subsection
- 3 if no measures are imposed to lower emissions other than those
- 4 formally adopted and implemented as of July 1, 2018.
- 5 (d) Enforcement. -- The interim limits on nonrenewable energy
- 6 consumption for 2030 and 2040 shall be considered binding caps
- 7 and shall be legally enforceable by a resident of this
- 8 Commonwealth.
- 9 § 5112. State-owned facilities and land.
- 10 (a) Expansion of solar and other renewable energy generation
- 11 <u>capacity.--The department, together with the Governor's Office</u>
- 12 <u>of Administration and other Commonwealth agencies</u>, shall:
- 13 (1) Identify opportunities to expand solar and other
- 14 <u>renewable energy generation capacity on State-owned</u>
- 15 facilities and land.
- 16 (2) Install an additional 100 megawatts of solar and
- other clean energy generation capacity on State properties by
- 18 <u>December 31, 2024.</u>
- 19 (3) Establish a goal for the amount of additional
- 20 renewable energy generation capacity installed on State-owned
- 21 facilities and lands in each subsequent five-year period
- 22 beginning in 2024. The goal for each five-year period shall
- 23 be not less than 25 megawatts of renewable energy generation
- 24 capacity.
- 25 (4) Install enough renewable energy generation capacity
- to meet the goals established for each five-year period.
- 27 (b) Office of the Budget. -- On an annual basis, the Office of
- 28 the Budget shall track the initial cost of renewable energy
- 29 projects installed under this section including external costs
- 30 for utility companies to upgrade transformers for energy grid

- 1 capacity and the revenue and energy cost savings accruing to
- 2 Commonwealth agencies from those projects through net metering
- 3 credits, electricity sales, the sale of renewable energy
- 4 <u>credits</u>, other Federal or State incentive programs and other
- 5 <u>sources of revenue or energy cost savings.</u>
- 6 (c) Revenue positive projects. -- Annually, the Office of the
- 7 Budget shall determine which renewable energy projects have paid
- 8 back their initial costs with revenue and energy cost savings.
- 9 These projects shall be known as revenue positive projects. Once
- 10 this determination has been made, future revenue or energy cost
- 11 <u>savings from revenue positive projects shall be credited into</u>
- 12 the Renewable Energy Workforce Development Fund, which is
- 13 <u>established in the State Treasury.</u>
- 14 (d) Use of fund. -- The department and the Department of Labor
- 15 and Industry shall direct the use of money in the fund, in
- 16 <u>consultation with the council. Money in the fund shall be used</u>
- 17 to provide job training, education and job placement assistance
- 18 for residents of this Commonwealth to work in the clean energy
- 19 and energy efficiency industry. At least 50% of the money in the
- 20 <u>fund shall be used on an annual basis for programs and</u>
- 21 initiatives that primarily benefit fossil fuel workers displaced
- 22 <u>in the transition to renewable energy.</u>
- 23 (e) Report.--The department shall submit an annual report to
- 24 the Governor, the General Assembly and the council describing
- 25 progress toward meeting goals for renewable energy installations
- 26 on State properties, the costs and revenue associated with each
- 27 project, the amount of revenue generated for the fund and
- 28 expenditures from the fund.
- 29 <u>(f) Study by Department of Transportation.--</u>
- 30 (1) The Department of Transportation shall conduct a

1	study identifying pathways towards 100% renewable energy for
2	the transportation sector and the policies necessary to power
3	the transportation sector with at least 50% renewable energy
4	<u>by 2030.</u>
5	(2) The study shall give preference to transportation
6	<pre>options that:</pre>
7	(i) increase access to mass transportation across
8	all income levels;
9	(ii) minimize costs, particularly for low-income
_0	<pre>communities; and</pre>
1	(iii) maximize access to employment centers.
_2	(3) Without limitations on the Department of
_3	Transportation's evaluation of effective Statewide
4	transportation options, the study shall consider the
.5	feasibility, cost effectiveness and environmental and
- 6	economic benefits of high-speed rail service between major
_7	urban centers in this Commonwealth.
8_	(4) The Department of Transportation shall publish the
_9	findings from the study not later than one year from the
20	effective date of this paragraph.
21	(5) The Department of Transportation shall review and
22	update this study every five years, considering technological
23	developments, demographic changes, the effectiveness of
24	existing programs and policies and other factors.
25	§ 5113. Prevailing wage requirement for energy producing
26	systems.
27	(a) Duty to pay Except as provided under subsection (b),
28	an employer or contractor contracted to construct, reconstruct,
29	demolish, alter or repair an energy producing system with a
30	capacity greater than 5 megawatts of alternating current shall

- 1 pay the prevailing minimum wage rate for each craft or
- 2 classification as determined by the Department of Labor and
- 3 Industry under the act of August 15, 1961 (P.L.987, No.442),
- 4 known as the Pennsylvania Prevailing Wage Act.
- 5 (b) Exception. -- Subsection (a) shall not apply if a contract
- 6 <u>is performed under a pre-hire collective bargaining agreement, a</u>
- 7 <u>labor peace agreement, a project labor agreement or other</u>
- 8 enforceable agreement between an owner or contractor and a
- 9 <u>building and construction trade labor organization.</u>
- 10 (c) Definitions. -- As used in this section, the following
- 11 words and phrases shall have the meanings given to them in this
- 12 subsection unless the context clearly indicates otherwise:
- "Energy producing system." A facility that produces
- 14 electricity for wholesale onto the energy grid of this
- 15 Commonwealth.
- 16 Section 2. This act shall take effect in 60 days.