

104TH GENERAL ASSEMBLY State of Illinois 2025 and 2026 SB1680

Introduced 2/5/2025, by Sen. Omar Aquino

SYNOPSIS AS INTRODUCED:

20 ILCS 2705/2705-204 new 415 ILCS 5/9.15

Amends the Department of Transportation Law of the Civil Administrative Code of Illinois. Provides that the amendatory Act may be referred to as the Transportation Choices Act. Requires, by January 1, 2027, the Environmental Protection Agency, after consultation with the Department of Transportation and Metropolitan Planning Organizations (MPOs), to establish a schedule of greenhouse gas targets for greenhouse gas emissions from the transportation sector in the State. Requires the Department and MPOs to conduct a greenhouse gas emissions analysis and determine if their applicable planning document will result in meeting their greenhouse gas targets. Requires the Department and MPOs to perform a greenhouse gas emissions analysis prior to including a roadway capacity expansion project in an applicable planning document. Requires, by January 1, 2029 and every 3 years thereafter, the Department to prepare a comprehensive report on statewide transportation greenhouse gas reduction accomplishments and challenges and to make recommendations for any legislative action that would assist the Department and MPOs in meeting their greenhouse gas targets. Requires the Department and MPOs to calculate a climate equity accessibility score prior to including any project that has an anticipated cost of \$30,000,000 or more in an applicable planning document or as a greenhouse gas mitigation measure. Requires the Department and MPOs to provide early and continuous opportunities for public participation in the transportation planning process. Requires, beginning June 30, 2026, the Department and MPOs to establish a social cost of carbon and use the social cost of carbon in their planning documents and planning activities. Establishes the Greenhouse Gas in Transportation Working Group. Provides that the specified requirements of the provisions shall commence with projects included in applicable planning documents filed on or after January 1, 2028. Makes other changes. Amends the Environmental Protection Act. Directs the Environmental Protection Agency to calculate a social cost of carbon and makes other changes.

LRB104 09343 BDA 19401 b

1	7\ T\ T	7 C III	222222222	$a \circ f \circ + \cdots$
T	AIV	ACI	concerning	sarety.

2	Be	it	enacted	by	the	People	of	the	State	of	Illinois,
3	represe	nte	d in the	Gene	eral A	Assembly	/ :				

- Section 1. References to Act. This Act may be referred to as the Transportation Choices Act.
- Section 5. The Department of Transportation Law of the Civil Administrative Code of Illinois is amended by adding Section 2705-204 as follows:
- 9 (20 ILCS 2705/2705-204 new)
- 10 <u>Sec. 2705-204. Transportation planning and greenhouse gas</u> 11 reduction.
- 12 (a) The General Assembly finds that:
- 13 (1) Article XI of the Illinois Constitution provides
 14 that the public policy of the State and the duty of each
 15 person is to provide and maintain a healthful environment
 16 for the benefit of this and future generations.
- 17 (2) The transportation sector is now the largest
 18 source of greenhouse gas emissions in the State.
- (3) The State has previously set a goal to have an electric power sector that is free of greenhouse gas emissions by 2045.
- 22 (4) Greenhouse gas pollution resulting from the

production	on, dist	ributio	n, and use	of motor	vehicle	fuels
produces	many so	cial cos	sts, includ	ing, but :	not limit	ed to,
adverse	public	health	impacts,	increase	d heat	waves,
droughts	, water	supply	shortages,	flooding	, biodiv	ersity
loss, and	d forest	health	issues, suc	ch as fore	st fires.	

- (5) The Illinois State Climatologist is projecting that, by the end of the 21st Century, average daily temperatures in the State will increase between 4 and 9 degrees Fahrenheit under a lower emissions scenario and between 8 and 14 degrees Fahrenheit under a higher emissions scenario.
- (6) Climate change of such speed and magnitude will result in heat stress on animals, plants, and workers; reduced crop yields from short-term and rapid-onset drought; increased pestilence; and other challenges that will adversely affect the State's agriculture sector.
- (7) Increases in flooding, heat, and other factors associated with climate change will stress the State's transportation infrastructure, such as bridges and roadways in low-lying areas, and will require more resources to maintain roadways and other transportation infrastructure.
- (8) State investment in a clean transportation economy in the State can expand equitable access to public health, safety, a cleaner environment, quality jobs, and economic opportunity.

(9)	It i	s the p	oublic p	olic	y of	the S	tate	to en	sure	that
State	resi	dents	from	comr	nunit	ies	disp	ropor	tiona	ately
impacte	ed by	climat	e chanc	ge, c	ommu	nitie	s fac	ing a	utomo	otive
plant	closu	res, e	economic	cally	dis	sadvan	taged	d com	munit	cies,
			xperien							
			-						d ca	

- (10) To minimize any adverse environmental and health impacts of planned transportation projects and to address inequitable distribution of the burdens of those projects, it is necessary, appropriate, and in the best interests of the State and its citizens to require the Department and MPOs, which are the State's primary transportation planning entities with responsibility for selecting and funding transportation projects, to engage in an enhanced level of planning, modeling, and other analysis, community engagement, and monitoring with respect to those projects as required by this Section.
- (11) Subsection (a) of Section 15 of the Regional Planning Act provides that the Chicago Metropolitan Agency for Planning, whose Policy Committee is the MPO for Northeastern Illinois, shall be responsible for developing and adopting a funding and implementation strategy for an integrated land use and transportation planning process.
- (12) Section 48 of the Regional Planning Act provides that the Chicago Metropolitan Agency for Planning shall

establish an incentive program to enable local governments and developers to create more affordable workforce housing options near jobs and transit, create jobs near existing affordable workforce housing, create transit-oriented development, integrate transportation and land use planning, provide a range of viable transportation choices in addition to the car, encourage compact and mixed-use development, and support neighborhood revitalization.

(13) Paragraph (1) of subsection (a) of Section 5303 of Title 49 of the United States Code (49 U.S.C. 5303(a)(1)) provides, in relevant part, that it is in the national interest to better connect housing and employment, while minimizing transportation-related fuel consumption and air pollution through metropolitan and statewide transportation planning processes.

(14) Subparagraph (A) of paragraph (4) of subsection (k) of Section 5303 of Title 49 of the United States Code (49 U.S.C. 5303(k)(4)(A)) provides that MPOs serving transportation management areas may address the integration of housing, transportation, and economic development strategies through a process that provides for effective integration, based on a cooperatively developed and implemented strategy, of new and existing transportation facilities eligible for funding.

(15) Subparagraph (C) of paragraph (4) of subsection (k) of Section 5303 of Title 49 of the United States Code

(49 U.S.C	. 5303(k) (4) (C)) prov	ides	that	MPOs	ser	ving
transporta	tion ma	nagement	areas	may	deve:	lop a	hou	sing
coordinati	on plan	that in	cludes	proj	ects a	and s	trate	gies
that may b	e consid	dered in	the met	tropol	Litan	trans	porta	tion
plan of	the MPC	to de	zelop	regio	nal g	joals	for	the
integratio	n of l	nousing,	trans	portat	cion,	and	econ	omic
developmen	t strate	eaies.						

- (16) Land use policies and practices that result in shorter distances between where people reside and jobs and other destinations they seek to access and that facilitate multimodal transportation options for the public are one of the most effective tools to reduce greenhouse gas emissions from the transportation sector and provide more affordable transportation options.
- (17) Transportation is the second-largest expense category for most households and the cost of owning, operating, and maintaining personal vehicles is a significant burden for many households.
- (18) Reducing vehicle miles traveled per person through more efficient land use and transportation systems will help the State achieve its greenhouse gas reduction goals and reduce the transportation cost burden on State households.
- (19) To the maximum extent practicable, actions taken to achieve these goals must avoid causing disproportionate adverse impacts to residents of communities that are or

26

1	have been disproportionately exposed to pollution
2	affecting human health and environmental quality.
3	(b) As used in this Section:
4	"Applicable planning document" means an MPO's Regional
5	Transportation Plan or the Department's Long-Range State
6	Transportation Plan. "Applicable planning document" includes
7	amendments to such plans that add capacity expansion projects
8	or other projects resulting in a net increase in GHG
9	emissions.
10	"Climate equity accessibility score" means a measurement
11	of the impact of certain transportation projects on (i) GHG
12	emissions, (ii) the accessibility of jobs and other
13	destinations to people residing in the project area, and (iii)
14	the affordability of transportation.
15	"CO2e" means the number of metric tons of carbon dioxide
16	emissions with the same global warming potential as one metric
17	ton of another greenhouse gas, is calculated using Equation
18	A-1 in 40 CFR 98.2, and allows for the comparison of emissions
19	of various different greenhouse gases with different global
20	warming potentials and the calculation of the relative impact
21	of the emissions on the environment over a standard time
22	period.
23	"Disproportionately impacted community" means the
24	residents within a census block group in which, according to

the most recent federal decennial census, more than 40% of the

households are low-income households, more than 40% of the

1	households	identify	as	minority	households,	or	more	than	40%

- of the households are housing cost-burdened, as defined by the
- 3 <u>United States Census Bureau.</u>
- 4 "Greenhouse gas emissions" or "GHG emissions" means
- 5 emissions of carbon dioxide, methane, nitrous oxide,
- 6 <u>hydrofluorocarbons</u>, <u>perfluorocarbons</u>, <u>nitrogen trifluoride</u>,
- 7 and sulfur hexafluoride.
- 8 "Greenhouse gas emissions analysis" or "GHG emissions
- 9 <u>analysis" means the analysis of the GHG emissions calculated</u>
- 10 <u>as being generated by the projects and programs contained in</u>
- an applicable planning document.
- "Greenhouse gas mitigation measure" or "GHG mitigation
- measure" means a project, program, or policy established by
- 14 the Environmental Protection Agency by rule under subparagraph
- 15 (G) of paragraph (3) of subsection (c) that can reasonably be
- 16 expected to result in a quantifiable reduction in GHG
- emissions and that would not be undertaken absent the need by
- 18 the Department or an MPO to reduce GHG emissions to meet their
- 19 greenhouse gas targets. "Greenhouse gas mitigation measure" or
- 20 "GHG mitigation measure" does not include a roadway capacity
- 21 expansion project. "Greenhouse gas mitigation measure" or "GHG
- 22 mitigation measure" includes:
- 23 (1) the addition of transit and other mobility
- 24 <u>resources, including, but not limited to, shared bicycle</u>
- and scooter service, in a manner that will reduce VMT;
- 26 (2) improving pedestrian and bicycle access,

1	particularly in areas that allow individuals to reduce
2	multiple daily trips and better access transit;
3	(3) transportation demand management to reduce VMT per
4	capita, including, but not limited to, vanpool and shared
5	vehicle programs, remote work and other forms of virtual
6	access, and use of pricing and other incentives for
7	employees and other travelers to use less greenhouse gas
8	<pre>intensive travel modes;</pre>
9	(4) improving first-and-final mile access to transit
10	stops and stations to make transit safer and more usable;
11	(5) improving the safety, efficiency, and Americans
12	with Disabilities Act compliance of crosswalks and
13	multiuse paths for pedestrians, bicyclists, and other
14	nonmotorized vehicles;
15	(6) changing parking and land use policies and
16	adjusting urban design requirements to encourage more
17	walking, bicycling, and transit trips per capita and
18	reduce VMT per capita;
19	(7) adoption or expansion of school bus, school
20	carpool, or school active transportation programs;
21	(8) electrifying loading docks to allow transportation
22	refrigeration units and auxiliary power units to be
23	plugged into the electric grid at the loading dock instead
24	of running on fossil fuels;
25	(9) accelerating the adoption of ebikes, neighborhood

electric carshare vehicles, and other forms of vehicles

1	that emit less greenhouse gas when manufactured and
2	operated; and
3	(10) other measures established or authorized by the
4	Environmental Protection Agency by rule that reduce GHG
5	emissions.
6	"Greenhouse gas target" or "GHG target" means the maximum
7	amount of greenhouse gas expressed as CO2e at each of the
8	various specified times established by subsection (c) that the
9	Department and MPOs must attain through their transportation
10	planning and project prioritization and funding processes.
11	"Induced demand" means a concept from economics that as
12	supply increases and incurred costs decline, demand will
13	increase. This phenomenon has been widely observed and studied
14	in transportation systems where highways have been expanded to
15	alleviate road congestion problems, resulting in increases in
16	vehicle miles traveled.
17	"MPO" means a metropolitan planning organization
18	designated by agreement among the units of local government
19	and the Governor, charged with developing transportation plans
20	and programs in a metropolitan planning area under Section 134
21	of Title 23 of the United States Code.
22	"Mitigation action plan" means the plan for implementation
23	of GHG mitigation measures prepared by the Department or an
24	MPO.
25	"Other entities" means the entities referenced in
26	subsection (s).

"Roadway capacity expansion project" means a project that
would be included in the Department's State Transportation
Improvement Program as an MPO or significant project and that
(i) adds physical highway traffic capacity or provides for
grade separation at an intersection or (ii) uses intelligent
transportation system technology to increase the traffic
capacity of an existing highway by 10% or more. "Roadway
capacity expansion project" does not include a project whose
primary purpose is enhancing public transportation bus
infrastructure or services. "Roadway capacity expansion
<pre>project" includes all project types, including those described</pre>
as maintenance or rehabilitation projects.

"Social cost of carbon" means the estimates of the social cost of carbon adopted by the United States Environmental Protection Agency, or such higher figure as adopted by the Environmental Protection Agency, Department, or MPO under subsection (o).

"STIP" means a State Transportation Improvement Program.

"TIP" means a Transportation Improvement Program.

"VMT" means vehicle miles traveled.

(c) By January 1, 2027, the Environmental Protection Agency, after consultation with the Department and MPOs, must establish, by rule, a schedule of GHG targets for GHG emissions from the transportation sector in the State that:

(1) do not allow GHG emissions in the transportation sector to exceed the greenhouse gas performance targets

1	established by the Environmental Protection Agency for the
2	transportation sector under subsection (p) of Section 9.15
3	of the Environmental Protection Act;
4	(2) specify GHG targets on a 5-year or more frequent
5	compliance year basis; and
6	(3) allocate GHG targets across the transportation
7	sector of the State, which:
8	(A) must provide for an allocation to each MPO for
9	their metropolitan region;
10	(B) must provide for an allocation to the
11	Department for areas outside the boundaries of the
12	State's MPOs;
13	(C) must account for the differences in the
14	feasibility and extent of emissions reductions across
15	forms of land use and across regions of the State;
16	(D) must require that the Department and MPOs
17	factor in the impact of induced demand associated with
18	transportation projects and policies in calculating
19	the GHG emissions generated by their respective
20	transportation systems;
21	(E) must be based on the best available data and
22	modeling tools accessible to the Environmental
23	Protection Agency, such as the SHIFT calculator, after
24	consultation with other State agencies, universities,
25	the federal government, and other appropriate expert
26	sources;

Τ	(F) must include VMT targets necessary for the
2	Department and MPOs to meet their GHG targets;
3	(G) must set out standards and requirements for
4	acceptable GHG mitigation measures; and
5	(H) may include additional performance targets
6	based on Department district, metropolitan area,
7	geographic region, a per capita calculation,
8	transportation mode, or a combination thereof.
9	(d) When adopting or amending an applicable planning
10	document, the Department and an MPO must conduct a GHG
11	emissions analysis that:
12	(1) includes (i) the existing transportation network,
13	(ii) the anticipated changes to that network as a result
14	of the projects contained in the applicable planning
15	document, and (iii) the projects in their STIP or TIP;
16	(2) estimates total CO_2 e emissions in millions of
17	metric tons for each applicable GHG target date
18	established under subsection (c);
19	(3) compares estimated total CO2e emissions against
20	the GHG targets applicable to the Department or MPO;
21	(4) compares the social cost of carbon for total
22	estimated CO_2 e emissions against the social cost of carbon
23	associated with each applicable GHG target;
24	(5) certifies whether the Department or MPO is in
25	compliance with its applicable GHG targets; and
26	(6) is published in full on the websites of the

Τ	Department or MPO.
2	(e) The Department, with assistance from the Environmental
3	Protection Agency, shall:
4	(1) provide technical assistance to MPOs in fulfilling
5	their responsibilities under this Section, including:
6	(A) assembling and sharing greenhouse gas-related
7	resources and transportation sector best practices in
8	managing GHG emissions;
9	(B) hosting peer reviews and exchanges of
10	technical data, information, assistance, and related
11	activities;
12	(C) making Department staff resources accessible
13	to answer questions and provide in-depth assistance to
14	MPOs on specific issues;
15	(D) providing information about grants and other
16	<pre>funding opportunities;</pre>
17	(E) conducting evaluations of GHG emissions
18	analyses against national best practices;
19	(F) connecting MPOs to resources in public
20	agencies, universities, and elsewhere; and
21	(H) conducting other similar and related
22	activities to assist MPOs in fulfilling their
23	responsibilities;
24	(2) encourage use of consistent GHG emissions data,
25	assumptions, and methodology by the Department and MPOs;
26	(3) ensure that its planning processes under Sections

methodology:

1	2705-200, 2705-203, and 2705-205 and its guidance to MPOs
2	under this subsection provide that at least the same level
3	of analytical scrutiny is given to greenhouse gas
4	pollutants as is given to other air pollutants of concern
5	in the State, and include consideration of the impact on
6	GHG emissions of induced demand resulting from roadway
7	capacity expansion projects;
8	(4) update its Metropolitan Planning Organization
9	Cooperative Operations Manual, as necessary;
10	(5) review the GHG emissions analysis used by each MPO
11	to determine if the GHG emissions analysis is inclusive of
12	the complete, actual, and planned transportation network

(A) if the Department rejects the GHG emissions analysis used by an MPO, the Department shall detail the deficiencies and give the MPO an opportunity to take corrective action;

in the applicable planning document and uses reasonable

GHG emissions forecasting data, assumptions, modeling, and

(B) until the MPO takes appropriate corrective action, the Department shall not approve the MPO's applicable planning document, include the projects in the MPO's applicable planning document in the Department's STIP, or make a finding or otherwise represent to the federal government or other governmental agencies that the MPO is in compliance

24

25

26

1	with its legal obligations;
2	(C) if, after given an opportunity for corrective
3	action, an MPO does not submit an acceptable GHG
4	emissions analysis, the Department may substitute its
5	own GHG emissions analysis for planning and
6	programming purposes until the MPO produces an
7	acceptable GHG emissions analysis; and
8	(D) the Department shall establish an appropriate
9	process, including deadlines for timely completion of
10	its review of MPO GHG emissions analyses and for
11	corrective action by MPOs where such is necessary;
12	(6) upon request of an MPO, provide the MPO with a GHG
13	emissions analysis that the MPO can use for purposes of
14	this Section in lieu of the MPO conducting its own GHG
15	emissions analysis; and
16	(7) adopt rules applicable to itself, MPOs, and
17	recipients of Department funding so the State can achieve
18	the transportation sector greenhouse gas emissions
19	reduction goals and targets set forth in subsections (c)
20	and (p) of Section 9.15 of the Environmental Protection
21	Act and administer the various processes and requirements
22	set forth in this Section.

(f) The Department and each MPO must use a GHG emissions analysis to determine if their applicable planning document will result in the Department or MPO meeting its GHG targets.

If a GHG emissions analysis determines that the Department or

Т.	MPO IS MOTE TIKETY CHAIT NOT TO TAIL TO MEET ONE OF MOTE OF ITS
2	GHG targets, then the Department or MPO shall identify GHG
3	mitigation measures that are needed for the Department or MPC
4	to meet its GHG targets as follows:
5	(1) The Department or MPO shall submit a mitigation
6	action plan that identifies GHG mitigation measures needed
7	to meet the GHG targets and that includes:
8	(A) the anticipated start and completion date of
9	each GHG mitigation measure;
10	(B) an estimate of the annual CO_2 e emissions
11	reductions achieved per year by the GHG mitigation
12	measure;
13	(C) an estimate of the impact of the GHG
14	mitigation measure on VMT;
15	(D) quantification of the specific co-benefits
16	from each GHG mitigation measure, including reduction
17	of copollutants, such as PM2.5 and NO $_{\rm x}$, as well as
18	travel impacts, such as changes to VMT, pedestrian or
19	bike use, and transit ridership;
20	(E) a description of any benefits to
21	disproportionately impacted communities from the GHG
22	mitigation measure, including an estimate of the total
23	amount spent on GHG mitigation measures in or designed
24	to serve disproportionately impacted communities; and
25	(F) a status report submitted annually and
26	published on its website for each GHG mitigation

1	measure that contains the following information
2	concerning each GHG mitigation measure:
3	(i) availability and timing of funding;
4	(ii) implementation timeline;
5	(iii) current status;
6	(iv) for GHG mitigation measures that are in
7	progress or completed, quantification of the
8	greenhouse gas impact of such GHG mitigation
9	measures and any co-benefits or detriments; and
10	(v) for GHG mitigation measures that are
11	delayed, canceled, or substituted, an explanation
12	of why that decision was made and how these GHG
13	mitigation measures or the equivalent will be
14	achieved.
15	(2) GHG mitigation measures are sufficient if the
16	total GHG emissions reduction from the GHG mitigation
17	measures, after accounting for the GHG emissions otherwise
18	resulting from existing and planned projects in the
19	applicable planning document, results in the Department or
20	MPO meeting its GHG targets. Each comparison of GHG
21	emissions reductions and GHG targets under this subsection
22	must be performed over equal comparison periods.
23	(3) In the annual GHG mitigation measures status
24	report under subparagraph (F) of paragraph (1), the
25	Department or MPO shall certify whether its GHG mitigation
26	measures will be sufficient for the Department or MPO to

1 <u>meet its GHG targets.</u>

(g) If an applicable planning document does not meet the GHG targets for each compliance year even after consideration of any GHG mitigation measures, the Department may deem the applicable planning document in compliance with this Section and approved only if the noncompliant Department or MPO allocates funding to advance the achievement of the applicable GHG targets as follows:

- (1) in non-MPO areas, the Department (i) shall not advance a roadway capacity expansion project from its applicable planning document to a STIP or TIP, (ii) shall not otherwise add a roadway capacity expansion project to a STIP or TIP, (iii) shall reprogram funds allocated or anticipated to be expended on roadway capacity expansion projects awaiting inclusion in a STIP or TIP project to GHG mitigation measures that reduce GHG emissions sufficiently to achieve the GHG targets for each compliance year, and (iv) shall amend its applicable planning documents to reflect these changes;
- (2) in MPO areas that are not in receipt of federal suballocations under the Congestion Mitigation and Air Quality Improvement Program or Surface Transportation Board programs, the Department and MPO (i) shall not advance a roadway capacity expansion project from its applicable planning document to a STIP or TIP, (ii) shall not otherwise add a roadway capacity expansion project to

a STIP or TIP, (iii) shall reprogram funds allocated or anticipated to be expended on roadway capacity expansion projects awaiting inclusion in a STIP or TIP project to GHG mitigation measures that reduce GHG emissions sufficiently to achieve the GHG targets for each compliance year, and (iv) shall amend its applicable planning documents to reflect these changes;

suballocations under the Congestion Mitigation and Air Quality Improve Program or Surface Transportation Board programs, the Department and MPO (i) shall not advance a roadway capacity expansion project from its applicable planning document to a STIP or TIP, (ii) shall not otherwise add a roadway capacity expansion project to a STIP or TIP, (iii) shall reprogram funds allocated or anticipated to be expended on roadway capacity expansion project to GHG mitigation measures that reduce GHG emissions sufficiently to achieve the GHG targets for each compliance year, and (iv) shall amend its applicable planning documents to reflect these changes; and

(4) the Department and MPOs shall administer paragraphs (1) through (3) as a limitation on their authority to advance roadway capacity expansion projects or other projects that will materially increase GHG emissions under paragraph (5) of subsection (k) of Section

1	5303	of	Title	49	of	the	United	States	Code	(49	U.S.C.
2	5303 (k) (5)) <u>.</u>								

- (h) Before including a roadway capacity expansion project in an applicable planning document, the Department or MPO must perform a GHG emissions analysis of the roadway capacity expansion project. Following the GHG emissions analysis, the Department or MPO must determine if, after consideration of all relevant factors, including VMT and social cost of carbon increases in the transportation network resulting from induced demand, the project conforms with (i) the applicable GHG targets and (ii) VMT targets established under subsection (c).
 - (1) If the Department or MPO determines that the roadway capacity expansion project is not in conformance with items (i) and (ii), the Department or MPO must:
 - (A) alter the scope or design of the roadway capacity expansion project and perform a GHG emissions analysis that shows that the roadway capacity expansion project meets the requirements of items (i) and (ii);
 - (B) incorporate sufficient GHG mitigation measures to bring the Department or MPO into compliance with its GHG targets, however, in order to be effective, such GHG mitigation measures must be implemented no later than contemporaneously with the implementation of the roadway expansion project or, if not implemented contemporaneously, a GHG mitigation

1	measure must provide a valid GHG emissions reduction
2	after the date it is implemented; or
3	(C) halt development of the roadway capacity
4	expansion project and remove the roadway capacity
5	expansion project from all applicable planning
6	documents.
7	(2) The Department and MPOs must establish a process
8	for performing roadway capacity expansion project GHG
9	emissions analysis. A GHG emissions analysis for a roadway
10	capacity expansion project must include, but shall not be
11	limited to, estimates resulting from the project for the
12	<pre>following:</pre>
13	(A) GHG emissions over a period of 20 years or the
14	<pre>last GHG target year, whichever is later;</pre>
15	(B) a net change in VMT and social cost of carbon
16	for the transportation network after factoring in the
17	effects of induced demand; and
18	(C) consideration of additional VMT in the
19	transportation network from additional capacity
20	resulting from roadway traffic capacity expansion,
21	intelligent transportation systems, or both.
22	(3) The Department or MPO must connect any GHG
23	mitigation measures associated with the roadway capacity
24	expansion project as follows:
25	(A) within or associated with at least one of the
26	communities impacted by the roadway capacity expansion

1	<pre>project;</pre>
2	(B) if there is not a reasonably feasible location
3	under subparagraph (A), in areas of persistent poverty
4	or historically disadvantaged communities, as measured
5	and defined by federal law, guidance and notices of
6	<pre>funding opportunity;</pre>
7	(C) if there is not a reasonably feasible location
8	under subparagraphs (A) and (B), in the region of the
9	roadway capacity expansion project; and
10	(D) if there is not a reasonably feasible location
11	under subparagraphs (A) through (C), on a statewide
12	basis.
13	(4) The Department or MPO must develop and use a
14	process for community consultation consistent with the
15	requirements of subsection (m) in the development of GHG
16	mitigation measures that the Department or MPO uses to
17	achieve compliance with its GHG targets.
18	(5) The Department or MPO must publish an explanation
19	regarding the feasibility and rationale for each GHG
20	mitigation measure under subparagraphs (B) through (D) of
21	paragraph (3).
22	(6) GHG mitigation measures connected to a roadway
23	expansion project are sufficient if the total greenhouse
24	gas reduction from the GHG mitigation measures is at least
25	equal to the total GHG emissions resulting from the

roadway capacity expansion project and consistent with the

1	Department or MPO meeting its GHG targets.
2	(A) Each comparison under this paragraph must be
3	performed over equal comparison periods.
4	(B) To avoid double counting, once a GHG
5	mitigation measure is connected to a roadway capacity
6	expansion project, that GHG mitigation measure shall
7	not be used to offset greenhouse gases associated with
8	other roadway capacity expansion projects or other
9	projects included in an applicable planning document.
10	(7) The Department and MPOs must publish information
11	regarding roadway capacity expansion project GHG emissions
12	analyses on their websites. The information must include:
13	(A) an identification of each roadway capacity
14	expansion project; and
15	(B) for each roadway capacity expansion project, a
16	summary that includes an overview of and link to the
17	roadway capacity expansion project GHG emissions
18	analysis, the greenhouse gas impact determination by
19	the Department or MPO, the social cost of carbon added
20	by the roadway capacity expansion project, and project
21	disposition, including a review of any GHG mitigation
22	measures.
23	(i) The Department and MPOs may use a GHG mitigation
24	measure as an offset against GHG emissions only after the date
25	the GHG mitigation measure has been implemented.
26	(j) By January 1, 2029, and every 3 years thereafter, the

26

1	Department shall prepare a comprehensive, publicly released
2	report on statewide transportation greenhouse gas reduction
3	accomplishments and challenges and make recommendations for
4	any legislative action or State agency rulemaking that would
5	assist the Department and MPOs in meeting their GHG targets.
6	The report, at a minimum, shall include:
7	(1) a description of whether the Department and MPOs
8	are on track to meet their GHG targets and VMT targets;
9	(2) an assessment of State and local laws,
10	regulations, rules, and practices and recommendations for
11	modifications that would help ensure that the Department
12	and MPOs meet their GHG targets and VMT targets;
13	(3) a description of the benefits from reductions in
14	GHG emissions and copollutants in the transportation
15	sector, diversification of energy sources used for
16	transportation, and substitution of other motorized and
17	nonmotorized modes of travel for VMT currently being
18	handled by vehicles powered by internal combustion
19	engines, and other economic, environmental, and public
20	health benefits;
21	(4) a description of the compliance costs borne by the
22	Department and MPOs in meeting their GHG targets and VMT
23	<pre>targets;</pre>
24	(5) a description of the social cost of carbon

associated with the transportation systems for which the

Department and each MPO is responsible and the social cost

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

of cark	bon reduct	tions t	that r	result	from	GHG	mitigat	ion
measure	s and othe	r steps	being	taken	by the	Depa	rtment	and
each MP(O to reduce	e GHG em	nissior	ns;				

- (6) a description of whether measures taken by the Department and MPOs to meet GHG targets are equitable, minimize costs, and maximize the total benefits to the State and its citizens; and
- (7) a description of whether activities undertaken to meet GHG targets by the Department and MPOs have unduly burdened disproportionately impacted communities.
- (k) Before including any project that has an anticipated cost of \$30,000,000 or more (i) in an applicable planning document or (ii) as a GHG mitigation measure, the Department or MPO shall calculate a climate equity accessibility score for the project. The climate equity accessibility score shall be based on a GHG emissions analysis of the project and a measurement of (i) the current levels of access to jobs, hospitals, schools, and food by available modes of transportation and (ii) the current level of affordability of transportation in the project area. The Department and MPO shall then calculate a climate equity accessibility score based on the projected change in GHG emissions, accessibility, and affordability from the proposed project. Projects that result in relatively high reductions of GHG emissions while increasing access to jobs and other destinations and providing more affordable transportation options will receive a higher

climate equity accessibility score than projects that fail	<u>l to</u>
deliver such benefits. To advance the goals of this Sec	tion
and optimize the use of public funds, the Department and I	MPOs
shall give priority to projects with high climate equ	uity
accessibility scores, considering which project delivers	the
most climate equity accessibility score benefit per do	llar
invested. The Department, with the assistance of	the
Environmental Protection Agency, shall provide techn	ical
assistance to MPOs in fulfilling their responsibilities un	nder
this subsection.	

- (1) To the full extent allowed by paragraph (4) of subsection (k) of Section 5303 of Title 49 of the United States Code and other applicable laws, and to extend the existing authority under State law vested in the Chicago Metropolitan Agency for Planning to MPOs throughout the State, MPOs, with the full support of the Department, shall conduct housing coordination planning to help the Department and MPOs meet their GHG targets.
 - (1) MPOs shall develop housing coordination plans consistent with subparagraph (C) of paragraph (4) of subsection (k) of Section 5303 of Title 49 of the United States Code (49 U.S.C. 5303(k)(4)(C)) to better integrate housing, transportation, and economic development strategies and to, among other things:
 - (A) better connect housing and employment while mitigating commuting times;

Τ.	(b) aligh cransportation improvements with housing
2	needs, such as housing supply shortages, and proposed
3	housing development;
4	(C) align planning for housing and transportation
5	to address needs in relationship to household incomes
6	within the metropolitan planning area;
7	(D) expand housing and economic development within
8	the catchment areas of existing transportation
9	facilities and public transportation services when
10	appropriate, including higher-density development, as
11	<pre>locally determined;</pre>
12	(E) manage effects of VMT growth in the
13	metropolitan planning area related to housing
14	development and economic development; and
15	(F) increase the share of households with
16	sufficient and affordable access to the transportation
17	networks of the metropolitan planning area.
18	(2) MPOs shall identify the location of existing and
19	planned housing and employment and transportation options
20	that connect housing and employment.
21	(3) MPOs shall include a comparison of State,
22	regional, and local transportation plans in the region to
23	land use management plans, including zoning plans, that
24	may affect road use, public transportation ridership, and
25	housing development.
26	(4) In their housing coordination planning, MPOs shall

focu	s on	the e	ffect	that	land	use p	polici	les an	d pr	acti	ces,
such	as	minim	um pa	arking	req	uirem	nents	and	excl	usio	nary
zoni	ng r	equire	ments	, cont	ribu	te to	inc	reases	in	VMT	and
GHG	emi	ssions	and	consi	lder	how	such	poli	cies	af:	fect
hous	ina a	and tra	ınspor	tation	n affo	ordab	ility	_			

- (5) MPOs shall outline recommendations for land use policies and best practices that have the effect of increasing the affordability of housing and transportation and reducing GHG emissions.
- (6) The Department shall assist MPOs in their housing coordination planning and make best efforts to align the Department's planning and project programming with MPO efforts to encourage land use policies and best practices that have the effect of increasing the affordability of housing and transportation, improving accessibility to destinations, and reducing GHG emissions.
- (7) The Department shall not advance to the STIP a project in a metropolitan planning area that the MPO has determined would conflict with its housing coordination plan prepared under paragraph (1) or would have the effect of decreasing the affordability of transportation or the accessibility of destinations or of increasing GHG emissions.
- (8) In furtherance of Section 48 of the Regional Planning Act, the Department and MPOs shall adopt performance-based methods for allocating discretionary

26

every source.

1	funds that reward jurisdictions that have adopted land use
2	policies and practices associated with increasing the
3	affordability of housing and transportation, improving
4	accessibility to destinations, and reducing GHG emissions.
5	(A) The Department and MPOs may build on the
6	climate equity accessibility scoring tool developed
7	under subsection (k) or develop a separate tool for
8	identifying jurisdictions that have adopted land use
9	policies and practices associated with increasing the
10	affordability of housing and transportation, improving
11	accessibility to destinations, and reducing GHG
12	emissions.
13	(B) The Department and MPOs shall publicly
14	describe the methodology they use in allocating
15	discretionary funding under this paragraph.
16	(C) When allocating discretionary funding, the
17	Department and MPOs shall give at least equal weight
18	to land use policies and practices that facilitate
19	reductions in GHG emissions that they give to existing
20	factors, such as congestion relief, safety, and
21	traffic operations.
22	(D) The Department and MPOs shall consider land
23	use policies and practices as provided in this
24	subsection when allocating discretionary funding from

(9) When evaluating all projects for possible

inclusion in applicable planning documents or in a STIP or TIP, the Department and MPOs shall adopt performance-based project selection methods that give priority to projects located in jurisdictions that have adopted land use policies and practices associated with increasing the affordability of housing and transportation, improving accessibility to destinations, and reducing GHG emissions.

(10) This subsection shall not diminish or restrict the existing authority of jurisdictions over their land use policies and practices.

(m) The Department and MPOs shall provide early and continuous opportunities for public participation in the transportation planning process. The process shall be proactive and provide timely information, adequate public notice, reasonable public access, and opportunities for public review and comment at key decision points in the process. The objectives of public participation in the transportation planning process include providing a mechanism for public perspectives, needs, and ideas to be considered in the planning process; developing the public's understanding of the problems and opportunities facing the transportation system; demonstrating explicit consideration and response to public input through a variety of tools and techniques; and developing a consensus on plans. The Department shall develop a documented public participation process under 23 CFR 450.

(1) Under 23 CFR 450, Subpart B, the Department is

resp	onsik	ole,	in	coop	erat	ion	wit	h th	ie 1	MPOs	, fo	r c	arry	<u>/ing</u>
out	publ	ic	part	icip	ation	n fo	or d	.evel	opi	ng,	amei	ndin	ıg,	and
upda	ting	the	e Lor	ng-R	ange	Sta	ite	Tran	spo	rtat	ion	Pla	ın,	the
STIP	, a	ınd	oth	er	stat	ewic	de	tran	nspo	orta	tion	p.	lanr	ning
acti	vitie	es.												

- (2) Under 23 CFR 450, Subpart C, the MPOs, in cooperation with the Department, are responsible for carrying out public participation for the development of Regional Transportation Plans, TIPs, and other regional transportation planning activities for their respective metropolitan planning areas.
- (3) Public participation activities at both the MPO and Department levels shall include, at a minimum:
 - (A) establishing and maintaining for the geographic area of responsibility a list of all known parties interested in transportation planning, including, but not limited to: elected officials; municipal and county planning staffs; affected public agencies; local, State, and federal agencies eliqible for federal and State transportation funds; local representatives of public transportation agency employees and users; freight shippers and providers of freight transportation services; public and private transportation providers; representatives of users of transit, bicycling, pedestrian, aviation, and train facilities; private industry; environmental and other

interest groups; representatives of persons or groups
that may be underserved by existing transportation
systems, such as minority persons, low-income seniors,
persons with disabilities, and persons with limited
English proficiency; and members of the general public
expressing interest in the transportation planning
process;

(B) providing reasonable notice, which for notice to a disproportionately impacted community requires the notice to be translated into the primary language spoken in the disproportionately impacted community, and opportunity to comment through mailing lists and other communication methods on upcoming transportation planning-related activities and meetings;

(C) using reasonably available Internet or traditional media opportunities, including minority media and diverse media, to provide timely notices of planning-related activities and meetings to members of the public, including limited English proficiency individuals and others who may require reasonable accommodations. Methods that shall be used to the maximum extent practicable for public participation may include, but shall not be limited to, use of the Internet, social media, news media, such as newspapers, radio, or television, mailings to disproportionately impacted communities by existing

1	transportation systems, including, but not limited to,
2	seniors and persons with disabilities, and notices,
3	including electronic mail and online newsletters;
4	(D) seeking out persons and groups, including
5	minority groups and those with disabilities,
6	low-income, and limited English proficiency, for the
7	purposes of exchanging information, increasing their
8	involvement, and considering their transportation
9	needs in the transportation planning process;
10	(E) consulting, as appropriate, with federal,
11	State, local, and tribal agencies responsible for land
12	use management, natural resources, environmental
13	protection, conservation, cultural resources, and
14	historic preservation concerning the development of
15	long-range transportation plans;
16	(F) providing reasonable public access to, and
17	appropriate opportunities for public review and
18	comment on, criteria, standards, and other
19	planning-related information. Reasonable public access
20	includes, but is not limited to, limited English
21	proficiency services and access to ADA-compliant
22	facilities, as well as to the Internet;
23	(G) where feasible, scheduling the development of
24	regional and statewide plans so that the release of
25	the draft plans may be coordinated to provide for the
26	opportunity for joint public outreach:

1	(H) responses, in writing, from the Department and
2	MPOs to all significant issues raised during the
3	review and comment period on transportation plans,
4	making the responses available to the public; and
5	(I) collaborating periodically with all interested
6	parties and the Department and MPOs to review the
7	effectiveness of the Department's and MPOs' public
8	involvement practices to ensure that they provide full
9	and open access to all members of the public. When
10	necessary, the Department or MPO shall revise their
11	public participation practices in the transportation
12	planning process and allow time for public review and
13	comment per 23 CFR 450.
14	(n) Beginning on January 1, 2026, each applicable planning
15	document from the Department or MPO must include a
16	consolidated and comprehensive list of all project types to be
17	funded using any federal, State, or local funding source,
18	including bicycle, pedestrian, bus, rail, and roadway
19	projects, and shall include a summary of planned expenditures
20	by project type.
21	(o) Beginning September 30, 2026, the Department and MPOs
22	shall establish a social cost of carbon and use the social cost
23	of carbon in their applicable planning documents and other
24	planning activities.
25	(1) The social cost of carbon shall serve as a
26	monetary estimate of the value of not emitting a ton of GHG

emissions.

- (2) In developing the social cost of carbon applicable to the projects and programs in their applicable planning documents and for other planning and project programming activities, the Department and MPOs shall consider the social cost of carbon established by the Environmental Protection Agency under subsection (q) of Section 9.15 of the Environmental Protection Act and may consider prior or existing estimates of the social cost of carbon issued or adopted by the federal government, appropriate international bodies, or other appropriate and reputable scientific organizations.
- (3) The Department may adopt the social cost of carbon established by the Environmental Protection Agency under subsection (q) of Section 9.15 of the Environmental Protection Act or establish its own social cost of carbon through the process set forth in paragraphs (1) and (2), but the Department shall not adopt a social cost of carbon that is lower than that established by the Environmental Protection Agency.
- (4) MPOs may adopt the social cost of carbon established by the Environmental Protection Agency under subsection (q) of Section 9.15 of the Environmental Protection Act or by the Department under paragraph (3) or establish their own social cost of carbon through the process set forth in paragraphs (1) and (2), but an MPO

25

26

1	shall not adopt a social cost of carbon that is lower than
2	that established by the Environmental Protection Agency or
3	the Department.
4	(5) The Department shall incorporate the social cost
5	of carbon into its assessment of projects for possible
6	inclusion in its applicable planning document or for
7	inclusion in a STIP or TIP, giving priority to projects
8	that have a relatively low social cost of carbon:
9	(A) The Department shall not include any project
10	over \$30,000,000 in an applicable planning document or
11	a STIP or TIP unless it has calculated the social cost
12	of carbon resulting from the project over the useful
13	life of the project.
14	(B) Such calculations shall result in an estimate
15	of the social cost of carbon under a no-build scenario
16	and an estimate of the social cost of carbon if the
17	project is built, factoring in the effects of induced
18	demand and other appropriate factors.
19	(C) The estimate of the social cost of carbon must
20	include total additional GHG emissions attributable to
21	the proposed project and shall not be limited to GHG
22	emissions from within the physical boundaries of the
23	project.

(D) The Department shall publish in applicable

planning documents and STIPs the no-build and build

estimates of the social cost of carbon for each

25

26

1	project for which an estimate of the social cost of
2	carbon has been prepared.
3	(E) For purposes of its planning processes under
4	Sections 2705-200, 2705-203, and 2705-205, and after
5	factoring in the effects of induced demand on VMT
6	attributable to a proposed project, the Department
7	shall offset the social cost of carbon and the social
8	cost of crashes attributable to a project against its
9	projections of the value of the time savings from any
10	reduction in congestion attributable to the project
11	and shall publish its calculations and results.
12	(F) The Department may rely upon estimates of the
13	social cost of carbon prepared by MPOs for projects
14	included in a STIP that are located inside the MPO's
15	boundaries only if the Department finds that those
16	estimates of the social cost of carbon are based on
17	reasonable assumptions and methodology.
18	(6) Each MPO shall incorporate the social cost of
19	carbon into its assessment of projects for possible
20	inclusion in its applicable planning document or for
21	inclusion in a TIP, giving priority to projects that have
22	a relatively low social cost of carbon:
23	(A) An MPO shall not include any project over

\$30,000,000 in a TIP unless it has calculated the

social cost of carbon resulting from the project over

the useful life of the project.

1	(B) Such calculations shall result in an estimate
2	of the social cost of carbon under a no-build scenario
3	and an estimate of the social cost of carbon if the
4	project is built, factoring in the effects of induced
5	demand and other appropriate factors.
6	(C) The estimate of the social cost of carbon must
7	include total additional GHG emissions attributable to
8	the proposed project and shall not be limited to GHG
9	emissions from within the physical boundaries of the
LO	project.
11	(D) Each MPO shall publish in its applicable
L2	planning documents and TIPs the no-build and build
L3	estimates of the social cost of carbon for each
L 4	project for which an estimate of the social cost of
15	carbon has been prepared.
16	(E) For purposes of its planning processes, and
17	after factoring in the effects of induced demand on
L8	VMT attributable to a proposed project, an MPO shall
19	offset the social cost of carbon and the social cost of
20	crashes attributable to a project from its projection
21	of the value of the time savings from any reduction in
22	congestion attributable to the project and shall
23	publish its calculations and results.
24	(F) An MPO may rely upon the estimate of the social
25	cost of carbon prepared by the Department for projects

included in a TIP only if the MPO finds that the

1	Department's estimates of the social cost of carbon
2	are based on reasonable assumptions and methodologies.
3	(p) By no later than January 1, 2026, the Department shall
4	convene a Greenhouse Gas in Transportation Working Group.
5	(1) The Working Group shall assist the Department and
6	MPOs with:
7	(A) planning and implementing the requirements of
8	this Section;
9	(B) identifying opportunities to reduce GHG
10	emissions in the transportation sector;
11	(C) identifying promising GHG mitigation measures;
12	(D) preparing the Department's triennial report on
13	statewide transportation sector greenhouse gas
14	reduction accomplishments and challenges and make
15	recommendations for any legislative or regulatory
16	action that would assist the Department and MPOs in
17	meeting their GHG targets; and
18	(E) connecting the Department and MPOs with local,
19	regional, and national experts and best practices
20	relating to planning and programming transportation
21	projects to, among other things, reduce GHG emissions
22	from the transportation sector.
23	(2) The membership of the Working Group shall include
24	the following:
25	(A) the Secretary of Transportation or the
26	<pre>Secretary's designee;</pre>

1	(B) the Director of the Environmental Protection
2	Agency or the Director's designee;
3	(C) the Chair of the Chicago Metropolitan Agency
4	for Planning or the Chair's designee;
5	(D) the chair of another MPO or the chair's
6	designee, appointed by the Governor;
7	(E) a university representative with expertise in
8	GHG emissions in the transportation sector, appointed
9	by the Governor;
10	(F) a representative from an environmental justice
11	organization, appointed by the Governor;
12	(G) a representative from an active transportation
13	organization, appointed by the Governor;
14	(H) a representative from a transportation
15	planning organization, appointed by the Governor;
16	(I) a representative from a land use planning
17	organization, appointed by the Governor;
18	(J) a representative from the freight industry,
19	appointed by the Governor;
20	(K) a representative from a public transportation
21	agency, appointed by the Governor;
22	(L) a representative from a labor organization,
23	appointed by the Governor;
24	(M) a representative from a road building
25	contractor, appointed by the Governor;
26	(N) a representative from a chamber of commerce,

1	appointed by the Governor;
2	(P) a representative from the engineering sector,
3	appointed by the Governor; and
4	(Q) such other representatives, appointed by the
5	Governor, that will ensure that the Working Group will
6	provide the Department and MPOs with a sufficient
7	range and depth of expertise in GHG emissions
8	reduction in the transportation sector to assist the
9	Department and MPOs in carrying out their
10	responsibilities under this Section.
11	(3) The members of the Working Group must select a
12	Chair from its membership.
13	(4) Members of the Working Group shall serve without
14	compensation other than reimbursement for travel and other
15	expenses incurred in the performance of their duties.
16	(5) The Department shall provide sufficient staff
17	support and other resources for the Working Group to
18	perform its duties effectively, including a website
19	accessible to the public that contains an up-to-date
20	record of the activities, research, reports,
21	recommendations, and other materials assembled by the
22	Working Group.
23	(6) The Working Group shall first meet within 90 days
24	of the effective date of this amendatory Act of the 104th
25	General Assembly. The Working Group shall hold public

meetings no less than quarterly, shall actively seek

1	public	input,	shall	pub.	lish	annu	al re	eports,	and	by	June
2	30, 2028	8, shal	l publ	ish	a rep	ort	with	recomme	endati	ons	for
3	how the	Depart	tment	and 1	MPOs	can	most	effect	ively	re	duce
4	GHG emis	ssions :	from th	ne tr	anspo	ortat	cion s	sector.			

- (7) The Department shall consider and incorporate recommendations from the Working Group in its triennial reports under subsection (j), and both the Department and MPOs shall consider and incorporate such recommendations in their preparation of their applicable planning documents.
- (8) The Working Group shall operate through January 30, 2029, or 30 days after the Department's filing of its first triennial report, whichever is later. The Working Group shall continue in operation after that date to further assist the Department and MPOs in fulfilling their responsibilities under this Section unless abolished by the Governor after receipt of abolition recommendations from both the Environmental Protection Agency and the Department.
- (q) Except as otherwise provided, the requirements of this Section shall commence with projects included in applicable planning documents filed on or after January 1, 2028.
- (r) The requirements of this Section are in addition to and shall, to the extent practicable, be executed concurrently with other requirements for transportation planning, project prioritization, public outreach, project implementation, or

1	transparency and accountability established by law, rule, or
2	policy.
3	(s) The requirements of this Section shall extend to the
4	Illinois State Toll Highway Authority and any other builder or
5	operator of a public highway under a public-private
6	partnership agreement or other means authorized by State law.
7	(1) The requirements of this Section that apply to the
8	other entities include, but are not limited to, the
9	<pre>following:</pre>
10	(A) the Environmental Protection Agency shall
11	assign GHG targets to other entities under subsection
12	<u>(c);</u>
13	(B) other entities shall conduct GHG emissions
14	analysis and be subject to the other requirements set
15	forth in subsections (d), (e), (f), (g), and (h) with
16	respect to their applicable planning documents;
17	(C) other entities shall conduct climate equity
18	accessibility scoring as set forth in subsection (k);
19	(D) other entities shall follow the public
20	participation requirements set forth in subsection
21	<u>(j); and</u>
22	(E) other entities shall use the social cost of
23	carbon in their planning and project programming
24	processes as set forth in subsection (o).
25	(2) Other entities may request assistance in complying
26	with the requirements of this Section from the Department

4

5

6

13

14

15

16

17

18

19

20

21

22

23

1	<u>under</u>	subsecti	Lon (e)	and	from	the (Greenho	ouse	Gas	in
2	Transp	ortation	Working	Group	under	subse	ection	. (q)		

- (3) With respect to other entities, "applicable planning document" means the other entity's capital plan or other document in which the other entity identifies projects that it anticipates advancing for construction.
- 7 (4) The Department may adopt rules necessary to extend 8 the requirements of this Section to the other entities.
- 9 Section 10. The Environmental Protection Act is amended by 10 changing Section 9.15 as follows:
- 11 (415 ILCS 5/9.15)
- 12 Sec. 9.15. Greenhouse gases.
 - (a) An air pollution construction permit shall not be required due to emissions of greenhouse gases if the equipment, site, or source is not subject to regulation, as defined by 40 CFR 52.21, as now or hereafter amended, for greenhouse gases or is otherwise not addressed in this Section or by the Board in regulations for greenhouse gases. These exemptions do not relieve an owner or operator from the obligation to comply with other applicable rules or regulations.
 - (b) An air pollution operating permit shall not be required due to emissions of greenhouse gases if the equipment, site, or source is not subject to regulation, as

- defined by Section 39.5 of this Act, for greenhouse gases or is
- 2 otherwise not addressed in this Section or by the Board in
- 3 regulations for greenhouse gases. These exemptions do not
- 4 relieve an owner or operator from the obligation to comply
- 5 with other applicable rules or regulations.
- 6 (c) (Blank).
- 7 (d) (Blank).
- 8 (e) (Blank).
- 9 (f) As used in this Section:
- "Carbon dioxide emission" means the plant annual CO_2 total
- 11 output emission as measured by the United States Environmental
- 12 Protection Agency in its Emissions & Generation Resource
- 13 Integrated Database (eGrid), or its successor.
- "Carbon dioxide equivalent emissions" or "CO2e" means the
- sum total of the mass amount of emissions in tons per year,
- 16 calculated by multiplying the mass amount of each of the 6
- 17 greenhouse gases specified in Section 3.207, in tons per year,
- by its associated global warming potential as set forth in 40
- 19 CFR 98, subpart A, table A-1 or its successor, and then adding
- them all together.
- "Cogeneration" or "combined heat and power" refers to any
- 22 system that, either simultaneously or sequentially, produces
- 23 electricity and useful thermal energy from a single fuel
- 24 source.
- 25 "Copollutants" refers to the 6 criteria pollutants that
- 26 have been identified by the United States Environmental

1 Protection Agency pursuant to the Clean Air Act.

"Electric generating unit" or "EGU" means a fossil fuel-fired stationary boiler, combustion turbine, or combined cycle system that serves a generator that has a nameplate capacity greater than 25 MWe and produces electricity for sale.

"Environmental justice community" means the definition of that term based on existing methodologies and findings, used and as may be updated by the Illinois Power Agency and its program administrator in the Illinois Solar for All Program.

"Equity investment eligible community" or "eligible community" means the geographic areas throughout Illinois that would most benefit from equitable investments by the State designed to combat discrimination and foster sustainable economic growth. Specifically, eligible community means the following areas:

- (1) areas where residents have been historically excluded from economic opportunities, including opportunities in the energy sector, as defined as R3 areas pursuant to Section 10-40 of the Cannabis Regulation and Tax Act; and
- (2) areas where residents have been historically subject to disproportionate burdens of pollution, including pollution from the energy sector, as established by environmental justice communities as defined by the Illinois Power Agency pursuant to the Illinois Power

1 Agency Act, excluding any racial or ethnic indicators.

"Equity investment eligible person" or "eligible person" means the persons who would most benefit from equitable investments by the State designed to combat discrimination and foster sustainable economic growth. Specifically, eligible person means the following people:

- (1) persons whose primary residence is in an equity investment eligible community;
- (2) persons whose primary residence is in a municipality, or a county with a population under 100,000, where the closure of an electric generating unit or mine has been publicly announced or the electric generating unit or mine is in the process of closing or closed within the last 5 years;
- (3) persons who are graduates of or currently enrolled in the foster care system; or
- (4) persons who were formerly incarcerated.

"Existing emissions" means:

- (1) for CO_2e , the total average tons-per-year of CO_2e emitted by the EGU or large GHG-emitting unit either in the years 2018 through 2020 or, if the unit was not yet in operation by January 1, 2018, in the first 3 full years of that unit's operation; and
- (2) for any copollutant, the total average tons-per-year of that copollutant emitted by the EGU or large GHG-emitting unit either in the years 2018 through

2020 or, if the unit was not yet in operation by January 1, 2 2018, in the first 3 full years of that unit's operation.

"Green hydrogen" means a power plant technology in which an EGU creates electric power exclusively from electrolytic hydrogen, in a manner that produces zero carbon and copollutant emissions, using hydrogen fuel that is electrolyzed using a 100% renewable zero carbon emission energy source.

"Large greenhouse gas-emitting unit" or "large GHG-emitting unit" means a unit that is an electric generating unit or other fossil fuel-fired unit that itself has a nameplate capacity or serves a generator that has a nameplate capacity greater than 25 MWe and that produces electricity, including, but not limited to, coal-fired, coal-derived, oil-fired, natural gas-fired, and cogeneration units.

"NO $_{\rm x}$ emission rate" means the plant annual NO $_{\rm x}$ total output emission rate as measured by the United States Environmental Protection Agency in its Emissions & Generation Resource Integrated Database (eGrid), or its successor, in the most recent year for which data is available.

"Public greenhouse gas-emitting units" or "public GHG-emitting unit" means large greenhouse gas-emitting units, including EGUs, that are wholly owned, directly or indirectly, by one or more municipalities, municipal corporations, joint municipal electric power agencies, electric cooperatives, or other governmental or nonprofit entities, whether organized

- 1 and created under the laws of Illinois or another state.
- " SO_2 emission rate" means the "plant annual SO_2 total
- 3 output emission rate" as measured by the United States
- 4 Environmental Protection Agency in its Emissions & Generation
- 5 Resource Integrated Database (eGrid), or its successor, in the
- 6 most recent year for which data is available.
- 7 (g) All EGUs and large greenhouse gas-emitting units that
- 8 use coal or oil as a fuel and are not public GHG-emitting units
- 9 shall permanently reduce all CO2e and copollutant emissions to
- zero no later than January 1, 2030.
- 11 (h) All EGUs and large greenhouse gas-emitting units that
- 12 use coal as a fuel and are public GHG-emitting units shall
- permanently reduce CO₂e emissions to zero no later than
- 14 December 31, 2045. Any source or plant with such units must
- 15 also reduce their CO_2e emissions by 45% from existing
- emissions by no later than January 1, 2035. If the emissions
- 17 reduction requirement is not achieved by December 31, 2035,
- 18 the plant shall retire one or more units or otherwise reduce
- 19 its CO_2e emissions by 45% from existing emissions by June 30,
- 20 2038.
- 21 (i) All EGUs and large greenhouse gas-emitting units that
- use gas as a fuel and are not public GHG-emitting units shall
- 23 permanently reduce all CO_2e and copollutant emissions to zero,
- including through unit retirement or the use of 100% green
- 25 hydrogen or other similar technology that is commercially
- 26 proven to achieve zero carbon emissions, according to the

following:

1

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

- (1) No later than January 1, 2030: all EGUs and large greenhouse gas-emitting units that have a NO_x emissions rate of greater than 0.12 lbs/MWh or a SO_2 emission rate of greater than 0.006 lb/MWh, and are located in or within 3 miles of an environmental justice community designated as of January 1, 2021 or an equity investment eligible community.
- (2) No later than January 1, 2040: all EGUs and large greenhouse gas-emitting units that have a NO_x emission rate of greater than 0.12 lbs/MWh or a SO₂ emission rate greater than 0.006 lb/MWh, and are not located in or within 3 miles of an environmental justice community designated as of January 1, 2021 or an equity investment eligible community. After January 1, 2035, each such EGU and large greenhouse gas-emitting unit shall reduce its CO₂e emissions by at least 50% from its existing emissions for CO_2e , and shall be limited in operation to, on average, 6 hours or less per day, measured over a calendar year, and shall not run for more than 24 consecutive hours except in emergency conditions, as designated by Regional Transmission Organization or Independent System Operator.
- (3) No later than January 1, 2035: all EGUs and large greenhouse gas-emitting units that began operation prior to the effective date of this amendatory Act of the 102nd General Assembly and have a NO_x emission rate of less than

or equal to 0.12 lb/MWh and a SO_2 emission rate less than or equal to 0.006 lb/MWh, and are located in or within 3 miles of an environmental justice community designated as of January 1, 2021 or an equity investment eligible community. Each such EGU and large greenhouse gas-emitting unit shall reduce its CO_2 e emissions by at least 50% from its existing emissions for CO_2 e no later than January 1, 2030.

- (4) No later than January 1, 2040: All remaining EGUs and large greenhouse gas-emitting units that have a heat rate greater than or equal to 7000 BTU/kWh. Each such EGU and Large greenhouse gas-emitting unit shall reduce its CO_2e emissions by at least 50% from its existing emissions for CO_2e no later than January 1, 2035.
- (5) No later than January 1, 2045: all remaining EGUs and large greenhouse gas-emitting units.
- (j) All EGUs and large greenhouse gas-emitting units that use gas as a fuel and are public GHG-emitting units shall permanently reduce all CO_2e and copollutant emissions to zero, including through unit retirement or the use of 100% green hydrogen or other similar technology that is commercially proven to achieve zero carbon emissions by January 1, 2045.
- (k) All EGUs and large greenhouse gas-emitting units that utilize combined heat and power or cogeneration technology shall permanently reduce all CO_2e and copollutant emissions to zero, including through unit retirement or the use of 100%

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

- green hydrogen or other similar technology that is commercially proven to achieve zero carbon emissions by January 1, 2045.
 - (k-5) No EGU or large greenhouse gas-emitting unit that uses gas as a fuel and is not a public GHG-emitting unit may emit, in any 12-month period, CO_2e or copollutants in excess of that unit's existing emissions for those pollutants.
 - (1) Notwithstanding subsections (g) through (k-5), large GHG-emitting units including EGUs may temporarily continue emitting CO2e and copollutants after any applicable deadline specified in any of subsections (g) through (k-5) if it has been determined, as described in paragraphs (1) and (2) of subsection, that ongoing operation of the EGU this necessary to maintain power grid supply and reliability or ongoing operation of large GHG-emitting unit that is not an is necessary to serve as an emergency backup to operations. Up to and including the occurrence of an emission reduction deadline under subsection (i), all EGUs and large GHG-emitting units must comply with the following terms:
 - (1) if an EGU or large GHG-emitting unit that is a participant in a regional transmission organization intends to retire, it must submit documentation to the appropriate regional transmission organization by the appropriate deadline that meets all applicable regulatory requirements necessary to obtain approval to permanently cease operating the large GHG-emitting unit;

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

- (2) if any EGU or large GHG-emitting unit that is a participant in a regional transmission organization transmission receives notice that the regional organization has determined that continued operation of the unit is required, the unit may continue operating until the issue identified by the regional transmission organization is resolved. The owner or operator of the unit must cooperate with the regional transmission organization in resolving the issue and must reduce its emissions to zero, consistent with the requirements under subsection (g), (h), (i), (j), (k), or (k-5), applicable, as soon as practicable when the issue identified by the regional transmission organization is resolved; and
 - (3) any large GHG-emitting unit that is not a participant in a regional transmission organization shall be allowed to continue emitting CO_2e and copollutants after the zero-emission date specified in subsection (g), (h), (i), (j), (k), or (k-5), as applicable, in the capacity of an emergency backup unit if approved by the Illinois Commerce Commission.
- (m) No variance, adjusted standard, or other regulatory relief otherwise available in this Act may be granted to the emissions reduction and elimination obligations in this Section.
 - (n) By June 30 of each year, beginning in 2025, the Agency

- shall prepare and publish on its website a report setting forth the actual greenhouse gas emissions from individual units and the aggregate statewide emissions from all units for the prior year.
- 5 (o) Every 5 years beginning in 2025, the Environmental 6 Protection Agency, Illinois Power Agency, and 7 Commerce Commission shall jointly prepare, and release 8 publicly, a report to the General Assembly that examines the 9 State's current progress toward its renewable energy resource 10 development goals, the status of CO2e and copollutant 11 emissions reductions, the current status and progress toward 12 developing and implementing green hydrogen technologies, the 13 current and projected status of electric resource adequacy and reliability throughout the State for the period beginning 5 14 15 years ahead, and proposed solutions for any findings. The 16 Environmental Protection Agency, Illinois Power Agency, and 17 Commission shall consult Illinois Commerce PJM Interconnection, LLC and Midcontinent Independent 18 19 Operator, Inc., or their respective successor organizations 20 regarding forecasted resource adequacy and reliability needs, 21 anticipated new generation interconnection, new transmission 22 development or upgrades, and any announced large GHG-emitting 23 unit closure dates and include this information in the report. The report shall be released publicly by no later than 24 25 December 15 of the year it is prepared. If the Environmental 26 Protection Agency, Illinois Power Agency, and Illinois

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

Commerce Commission jointly conclude in the report that the data from the regional grid operators, the pace of renewable energy development, the pace of development of energy storage and demand response utilization, transmission capacity, and the CO_2e and copollutant emissions reductions required by subsection (i) or (k-5) reasonably demonstrate that a resource adequacy shortfall will occur, including whether there will be sufficient in-state capacity to meet the zonal requirements of MISO Zone 4 or the PJM ComEd Zone, per the requirements of the regional transmission organizations, or that the regional transmission operators determine that a reliability violation will occur during the time frame the study is evaluating, then Illinois in conjunction with Power Agency, Environmental Protection Agency shall develop a plan to reduce delay CO2e and copollutant emissions requirements only to the extent and for the duration necessary to meet the resource adequacy and reliability needs of the State, including allowing any plants whose emission reduction deadline has been identified in the plan as creating a reliability concern to continue operating, including operating reduced with emissions or as emergency backup appropriate. The plan shall also consider the use of renewable energy storage, demand response, transmission development, or other strategies to resolve the identified resource adequacy shortfall or reliability violation.

(1) In developing the plan, the Environmental

2

3

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

Protection Agency and the Illinois Power Agency shall hold at least one workshop open to, and accessible at a time and place convenient to, the public and shall consider any by stakeholders or the public. Upon comments made development of the plan, copies of the plan shall be posted and made publicly available on the Environmental Protection Agency's, the Illinois Power Agency's, and the Illinois Commerce Commission's websites. All interested parties shall have 60 days following the date of posting to provide comment to the Environmental Protection Agency and the Illinois Power Agency on the plan. All comments submitted to the Environmental Protection Agency and the Illinois Power Agency shall be encouraged to be specific, supported by data or other detailed analyses, and, if objecting to all or a portion of the plan, accompanied by specific alternative wording or proposals. All comments shall be posted on the Environmental Protection Agency's, the Illinois Power Agency's, and the Illinois Commerce Commission's websites. Within 30 days following the end of the 60-day review period, the Environmental Protection Agency and the Illinois Power Agency shall revise the plan as necessary based on the comments received and file its revised plan with the Illinois Commerce Commission for approval.

(2) Within 60 days after the filing of the revised plan at the Illinois Commerce Commission, any person

objecting to the plan shall file an objection with the Illinois Commerce Commission. Within 30 days after the expiration of the comment period, the Illinois Commerce Commission shall determine whether an evidentiary hearing is necessary. The Illinois Commerce Commission shall also host 3 public hearings within 90 days after the plan is filed. Following the evidentiary and public hearings, the Illinois Commerce Commission shall enter its order approving or approving with modifications the reliability mitigation plan within 180 days.

- (3) The Illinois Commerce Commission shall only approve the plan if the Illinois Commerce Commission determines that it will resolve the resource adequacy or reliability deficiency identified in the reliability mitigation plan at the least amount of $\rm CO_2e$ and copollutant emissions, taking into consideration the emissions impacts on environmental justice communities, and that it will ensure adequate, reliable, affordable, efficient, and environmentally sustainable electric service at the lowest total cost over time, taking into account the impact of increases in emissions.
- (4) If the resource adequacy or reliability deficiency identified in the reliability mitigation plan is resolved or reduced, the Environmental Protection Agency and the Illinois Power Agency may file an amended plan adjusting the reduction or delay in CO_2e and copollutant emission

1	1 '		' 1 ' ' C ' 1		٦.
_	reduction	requirements	identified	in the	pran.

- (p) The goals of the State are to reduce greenhouse gas emissions from the transportation sector in the State by at least 80% from the 2005 level and achieve a net-zero emissions transportation sector, both by 2050.
 - (1) An incremental goal of at least a 50% reduction in greenhouse gas emissions from the transportation sector below the year 2005 level by the year 2031 is hereby established.
 - (2) By no later than September 30, 2026, the Agency shall establish greenhouse gas emissions reduction targets for the State transportation sector on a 5-year or more frequent basis that will achieve these goals.
 - (3) The Agency shall set the first such emissions reduction target for no later than 2031, shall use 2005 emissions as the baseline year, and shall provide that each 5-year target is at least 15 percentage points lower and no more than 25 percentage points lower than the immediately preceding 5-year target.
 - (4) The emissions reduction targets set by the Agency must be by transportation mode, such as aerial transport and highway transport, as the Agency deems appropriate after consultation with the Department of Transportation.
 - (5) The Agency, in coordination with the Department of Transportation, shall adopt rules establishing policies and programs necessary for the State to achieve the

transportation sector greenhouse gas emissions reduction goals and targets set forth in this subsection and in subsection (c) of Section 2705-204 of the Department of Transportation Law of the Civil Administrative Code of Illinois. The rules may make changes to how the Department of Transportation and MPOs plan, program, prioritize, and fund transportation projects so that the State can achieve the greenhouse gas emissions reduction goals and targets set forth in this subsection and in subsection (c) of Section 2705-204 of the Department of Transportation Law of the Civil Administrative Code of Illinois.

- (6) The Department of Transportation and MPOs in the State shall ensure that their greenhouse gas emissions reporting under Title 23, Part 490, of the Code of Federal Regulations conforms to the greenhouse gas emissions reduction goals and targets set forth in this subsection and in subsection (c) of Section 2705-204 of the Department of Transportation Law of the Civil Administrative Code of Illinois.
- (q) No later than June 30, 2026, the Agency, by rule, shall establish a social cost of carbon, expressed in terms of dollars per ton of CO₂e.
 - (1) The social cost of carbon shall serve as a monetary estimate of the value of not emitting a ton of greenhouse gas emissions.
 - (2) In developing the social cost of carbon, the

once every 5 years.

Agency shall consider estimates of the social cost of
carbon issued or adopted by the federal government,
appropriate international bodies, or other appropriate and
reputable scientific organizations, but the social cost of
carbon adopted by the Agency must not be less than the
social cost of carbon adopted by the United States
Environmental Protection Agency.
(3) The Agency shall periodically update its estimate
of the social cost of carbon to reflect changes in data,
assumptions, and estimates, and it shall do so at least

(4) Except as otherwise provided by law, State agencies shall use the social cost of carbon figure established by the Agency for purposes of estimating the cost associated with carbon-related emissions.

16 (Source: P.A. 102-662, eff. 9-15-21; 102-1031, eff. 5-27-22.)